

OpenText™ Intelligent Capture

Module Reference

This guide describes the common features and functionality of the Intelligent Capture client modules.

ECPCORE220300-CMD-EN-01

OpenText™ Intelligent Capture

Module Reference

ECPCORE220300-CMD-EN-01

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Chapter 1

Batch Processing Modules

Most Intelligent Capture modules are used to run batches, enabling you to import, process, and export images and other data. The following client module guides provide information on using each batch processing client module included in Intelligent Capture.

1.1 Desktop Client and Operator Modules

Using these modules, you can perform functions like, creating batches, reviewing and replacing batch pages, performing manual classification, indexing and validating extracted data.

Client Module Guide	Description
Desktop Client	
<i>OpenText Intelligent Capture - Desktop Client Guide: Identification and Completion (ECPCORE-CCV)</i>	<i>Identification</i> enables operators to perform manual image classification for documents that were not automatically classified by the Classification module.
	<i>Completion</i> enables operators to index and validate extracted data, assemble documents, annotate pages, and adjust images.
Other operator modules	
<i>OpenText Intelligent Capture - RescanPlus Guide (ECPCORE-CRS)</i>	Enables operators to scan new images to replace those that have been flagged for rescanning.
<i>OpenText Intelligent Capture - ScanPlus Guide (ECPCORE-CSC)</i>	Enables operators to create batches and scan or import pages into them, automatically creating a batch hierarchy based on detected scanning events.
<i>OpenText Intelligent Capture - Web Client Guide (ECPCORE-UIRE)</i>	Intelligent Capture Web Client adds value to your document capture operations by providing an easy-to-use, Web-based capture application that you can run in your browser at branch offices and other remote locations.

1.2 Export (Enterprise) Modules

These unattended modules export data directly into proprietary systems.

Client Module Guide	Description
Section 2 "Archive Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports content to a supported content repository via BC-HCS (HTTP Content Server) and exports administrative data to SAP R/3 using BC-AL (Archivelink).
Section 4 "Documentum ApplicationXtender Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to a Documentum ApplicationXtender system.
Section 3 "Documentum Advanced Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to a OpenText Documentum Server.
Section 5 "FileNet Content Manager Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to FileNet Content Manager.
Section 6 "FileNet Panagon IS/CS Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports data directly to a FileNET Panagon Image Services (IS) or Content Services (CS) (IS/CS) system.
Section 7 "Global 360 Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to a ServerGlobal 360 server.
Section 9 "IBM Content Manager for Multiplatforms Compatible Advanced Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to IBM Content Manager for Multi-platforms.
Section 8 "Export for SAP Archive and AP Connect" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data to SAP using IBM CommonStore.
Section 10 "Microsoft SharePoint Export" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to a Microsoft SharePoint Portal Server.
Section 11 "Export for OpenText Content Server" in <i>OpenText Intelligent Capture - Specialized Export Modules Guide (ECPCORE-CEE)</i>	Exports documents and data directly to an OpenText Content Server (also known as OpenText Livelink Server).

1.3 Image Handling Modules

These unattended modules manipulate images and its properties.

Client Module Guide	Description
<i>OpenText Intelligent Capture - Image Handling Modules Guide (ECPCORE-CIH)</i>	Creates and formats single and multi-page image files from various sources.
<i>OpenText Intelligent Capture - Image Handling Modules Guide (ECPCORE-CIH)</i>	Processes images to detect characteristics, remove features, adjust color, improve image quality, and correct page aspects.

1.4 Input/Output Modules

These unattended modules create batches and save data to standard formats.

Client Module Guide	Description
Section 4 "ODBC Export Module" in <i>OpenText Intelligent Capture - General Import/Export Modules Guide (ECPCORE-CIO)</i>	Adds, retrieves, and updates content within supported databases using an ODBC connection.
Section 5 "Standard Export Module" in <i>OpenText Intelligent Capture - General Import/Export Modules Guide (ECPCORE-CIO)</i>	Exports data from the batch to a file, to a mail destination, and back to the batch. Needs a profile with export rules. Supports export to CSV, XML, text file format, email format, CMIS, ApplicationXtender, and non-formatted export.
Section 2 "Standard Import Module" in <i>OpenText Intelligent Capture - General Import/Export Modules Guide (ECPCORE-CIO)</i>	<p>Import profiles specify the following items for import:</p> <ul style="list-style-type: none"> Image files from directories Email and attachments from an email server <p>The Standard Import module performs the actual import.</p>
Section 3 "Web Services Module" in <i>OpenText Intelligent Capture - General Import/Export Modules Guide (ECPCORE-CIO)</i>	Includes help on using the WS Input and WS Output modules. WS Input module creates a batch by handling a web request. WS Output module allows to call other web services.



1.5 Recognition Modules

These unattended modules perform optical character recognition and data extraction.

Client Module Guide	Description
Section 5 “Classification Module” in <i>OpenText Intelligent Capture - Recognition and Advanced Recognition Modules Guide (ECPCORE-CMR)</i>	Analyzes images and determines the page template classification.
Section 6 “Collector Module” in <i>OpenText Intelligent Capture - Recognition and Advanced Recognition Modules Guide (ECPCORE-CMR)</i>	Stores automatically processed documents tagged as collectable to create templates learned by Auto-Learning Supervisor service.
Section 2 “Extraction” in <i>OpenText Intelligent Capture - Recognition and Advanced Recognition Modules Guide (ECPCORE-CMR)</i>	Extracts data into document types.
Section 3 “NuanceOCR” in <i>OpenText Intelligent Capture - Recognition and Advanced Recognition Modules Guide (ECPCORE-CMR)</i>	Performs full-page optical character recognition using engines from Nuance.
Section 4 “Standard OCR” in <i>OpenText Intelligent Capture - Recognition and Advanced Recognition Modules Guide (ECPCORE-CMR)</i>	Exports data from electronic documents and images and produces OCR data cache.

1.6 Scripting Modules

Using these modules you can add custom behaviors to a CaptureFlow process.

Client Module Guide	Description
<i>OpenText Intelligent Capture - Utilities Modules Guide (ECPCORE-CMU)</i>  Note: Documentation for this module is in Section 3 “Task Scripting” in <i>OpenText Intelligent Capture - Scripting Guide (ECPCORE-PSC)</i> .	Executes .NET scripts separately from the Intelligent Capture Server
<i>Process Developer Guide</i>  Note: Documentation for this module is in <i>OpenText Intelligent Capture - Scripting Guide (ECPCORE-PSC)</i> .	Enables developers to write IPP code.

1.7 Utilities Modules

These unattended modules perform specific routine tasks.

Client Module Guide	Description
Section 3 "Copy Module" in <i>OpenText Intelligent Capture - Utilities Modules Guide (ECPCORE-CMU)</i>	Copies batches to another system, to a local or network directory, or to an FTP site.
Section 4 "Multi Module" in <i>OpenText Intelligent Capture - Utilities Modules Guide (ECPCORE-CMU)</i>	Enables processes to manipulate the batch tree by inserting or deleting nodes and/or changing the effective trigger level of a module instance.
Section 5 "Timer Module" in <i>OpenText Intelligent Capture - Utilities Modules Guide (ECPCORE-CMU)</i>	Triggers other modules to start processing tasks from specified batches at a particular time.
Section 2 ".NET Code Module" in <i>OpenText Intelligent Capture - Utilities Modules Guide (ECPCORE-CMU)</i>	Enables a developer to add custom behaviors to a CaptureFlow process.

Chapter 2

Common Production Tasks

This section discusses the common production tasks that apply to all modules.

2.1 Attended Client Modules

Attended client modules share some common features when run for production. The information in these topics explain those similar characteristics and operating instructions. These instructions apply to the following attended modules:

- Completion
- Identification
- ScanPlus
- RescanPlus

2.2 Running a Module for Production

Running a module for production means starting and logging into one or more Intelligent Capture Servers so that the module can process tasks.

The ability to run a module in production mode and access to certain module features are controlled by permissions that are managed in Intelligent Capture Administrator. If you are unable to start a module or access the features you need, consult your administrator. Details related to managing permissions and security are provided in *OpenText Intelligent Capture - Administration Guide (ECPCORE-AON)*.



Note: When starting a module for production, you must log into an Intelligent Capture Server and supply a valid user name and password. Be aware that passwords cannot contain @ symbols. If your Windows password contains @ symbols, you must change it before you can start a module and connect to an Intelligent Capture Server.

To run a module for production from the Start menu:


1. From the Windows desktop, select **Start > All Programs > OpenText Intelligent Capture > <module name>** or **<module category> > <module name>**.



Note: The **Login** window varies slightly among different modules. Some modules display an initial window that prompts for a server name followed by a second window that prompts for login credentials; other modules prompt for all information in a single window. In all cases, the requested information is the same.

2. Enter or select the following information.

<p>Server name</p>	<p>Specify the Intelligent Capture Servers to connect to, using a semicolon (;) to separate each server name, as follows:</p> <ul style="list-style-type: none"> • TCP/IP If an Intelligent Capture Server has the TCP/IP protocol enabled, then enter its name. • HTTP/HTTPS If an Intelligent Capture Server has the HTTP or HTTPS protocol enabled, then use the following syntax: <pre>http://<machine_name><[:port]>/<service_name></pre> <pre>https://<machine_name><[:port]>/<service_name></pre> <p>Where:</p> <ul style="list-style-type: none"> – <i>machine_name</i>: name of the host machine – <i>port</i>: number of the port for HTTP or HTTPS requests <ul style="list-style-type: none"> ○ HTTP default: 80 ○ HTTPS default: 443 – <i>service_name</i>: the Intelligent Capture Server's service name
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	<p>To connect to all Intelligent Capture Servers in a ScaleServer group, specify one or more servers that exist in a ScaleServer group using a semicolon to separate each server name (using the TCP/IP or HTTP/HTTPS syntax) in the Server name field and select Connect to server group (if it is available). For example, for TCP/IP, you could specify the following:</p> <pre>iaserver1;iaserver2;iaserver3;iaserver4;iaserver5</pre> <p>To connect to specific Intelligent Capture Servers in a ScaleServer group, specify all of them (in any order) in the Server name field. For example, for TCP/IP, you could specify the following:</p> <pre>iaserver5;iaserver1;iaserver4</pre> <p>To connect to a single Intelligent Capture Servers in a ScaleServer group, specify its server name in the Server name field and append a semicolon to the end of it. For example, for TCP/IP, you could specify the following:</p> <pre>iaserver5;</pre> <p> Notes</p> <ul style="list-style-type: none"> • Do not use “localhost” or an IP address in place of the machine name. For more information, see Section 9 “Troubleshooting” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>. • In a ScaleServer group, if an Intelligent Capture Server has both protocols enabled, then the server uses the first specified protocol. • You can only connect to multiple Intelligent Capture Servers that belong to the same ScaleServer group. You cannot connect to multiple arbitrary Intelligent Capture Servers or to Intelligent Capture Servers belonging to different ScaleServer groups. • A connection to an Intelligent Capture Server does not fail over to another Intelligent
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	<p>Capture Server in the ScaleServer group; therefore it is a best practice to specify more than one Intelligent Capture Server.</p> <ul style="list-style-type: none"> • If an Intelligent Capture Server in a ScaleServer group becomes unavailable after connecting, the module would silently stop receiving tasks from that server. If the module is currently processing a task from a server that becomes unavailable, the task is discarded and is sent again when the Intelligent Capture Server becomes available. When resent, that task could be sent back to the same module instance/operator. Therefore, when an Intelligent Capture Server comes online, you may process a task that you have already processed. But it is equally possible that the task is sent to another module instance/operator.
Connect to server group	Select to connect to all of the servers in a ScaleServer group as identified by the Intelligent Capture Server in Server name .
Use Windows logon	Select to use your user account credentials for your computer.
User name	Select the user name and domain of the user account your administrator assigned to you.
Password	The password for your user account.

If any Intelligent Capture Servers are unavailable, a message prompts you to make one of the following selections:

- **Ignore:** Disregard the warning and continue to log in. The module periodically attempts to connect to the unavailable Intelligent Capture Servers and if successful, silently starts accepting ready tasks from them.
- **Cancel:** Cancel the login operation. Select this option if, for example, you misspelled the Intelligent Capture Server name and want to correct your mistake.

To run a module for production from a command prompt:

1. Open a command prompt window or the **Run** window from the **Start** menu.
2. Type the appropriate command for the module you want to run as follows:

```
<module_exe> <parameter> [<parameter> ...]
```

- <module_exe>

The module's executable name.

- <parameter>

Command-line parameters. See *“Command Line Arguments” on page 49*. Some examples of the actions that command line parameters could perform are the following:

- Intelligent Capture Server login information (domain, user name, password, server name(s) or HTTP/HTTPS URIs, and ports. (Operators are automatically prompted for any required information that is omitted from the startup command.)

**Caution**

Be aware that supplying passwords as part of the module command line can compromise network security. Best practice is to omit the password from the startup command. When no password is specified, the operator is prompted to enter one when starting the module.

- For custom exporters, login information for the third-party repository to which the module exports.
- Departments from which to receive tasks.
- Automatic start up in All Batches mode to start processing tasks without operator intervention.
- User interface language.

➔ **Example 2-1:**

The following example specifies all departments. The module instance started with this command line can receive any task, regardless of whether it is associated with a department.

```
cpimgpro.exe -department:*
```



3. Press **ENTER** to execute the command line and start the module.

To run a module for production from a desktop shortcut:

1. Create a desktop shortcut for the module using the same arguments needed to run the module from a command line. If needed, edit the properties of the shortcut to fill in the necessary arguments.

**Caution**

Be aware that supplying passwords as part of a module shortcut can compromise network security. Best practice is to omit the password from the shortcut parameters. When no password is specified, the operator is prompted to enter one when starting the module.

2. Double-click the shortcut to start the module.

2.3 Changing the Image View

Some attended modules display images when run in production mode. These modules enable operators to change the way the images appear—their orientation, brightness and contrast, zoom level, and more.


To change the image view:

1. Locate the image view controls. Depending on the module, they may be located in the **View** or **View Settings** panel, in buttons on the **File View** toolbar, or in the **View** menu.
2. Use the image view controls as needed to adjust the appearance of the image. The following table explains the purpose of each image view control



Note: Not all image view settings are available in all modules.

Option	Description
Apply Settings to All Pages	Applies viewing options to all loaded images.
Brightness and Contrast	Controls the display of the image
Fit Width	Scales an image to fit the width of the Image pane. If you change the window size, then the image width changes accordingly.
Fit Window	Scales an image to fit into the Image pane. If you change the window size, then the image size scales accordingly.
Go to Page	If the current task contains multiple pages, enables you to select the page to display.

Option	Description
Invert	Inverts the image in the Image pane, replacing white pixels with black and black pixels with white.
Next Page / Previous Page	If the current task contains multiple pages, displays the next / previous page.
Orientation	<p>Changes the orientation of images. Generally only applicable when running the module in Open Batch mode because this is the only mode that enables an operator to manipulate pages before exporting.</p> <p>Select one of the following options from the Orientation menu:</p> <ul style="list-style-type: none"> • 0 Degrees (Portrait) Default orientation. • 90 Degrees (Landscape) • 180 Degrees • 270 Degrees <p>Applies to current page or all pages in the tree pane depending on Apply Settings To All Pages check box.</p> <p> Note: Changing the view orientation does not affect the orientation of the output image unless the Use Current Orientation check box was selected during module step.</p>
Reset to Defaults	Restores all image view settings to their default values.
Scale 1 to 1	Displays one pixel of the image for each pixel in the Image pane. If you change the window size, then the image scale does not change.
Scale to Gray / Smoothing	<p>Displays images smaller than a 1:1 image size by representing the average density of missing pixels with a shade of gray, making images more readable.</p> <p>If you do not select this option, then the module hides some pixels when an image is reduced. For example, when an image is displayed at 25% of its actual size, only one pixel out of 16 is visible. The remaining pixels are disregarded and the resulting image may be unreadable.</p>

Option	Description
Tree Preferences	<p>For modules that display a tree pane, enables you to make changes to the tree appearance, including:</p> <ul style="list-style-type: none"> • Color of background, lines, text for all/selected level names, text for all/selected thumbnail images. • Tree text font • Pairing arrangement for front and back sides of pages scanned in duplex mode. <p>Additional controls/commands enable you to save tree preferences now or when exiting the module.</p>
Zoom Factor	Changes the default zoom factor (10) to the number you specify.
Zoom In	Zooms in by the designated zoom factor (default 10).
Zoom Out	Zooms out by the designated zoom factor (default 10).

2.4 Access Keys and Keyboard Shortcuts

Access keys facilitate navigation through module windows, menus, options, and panels. Access keys use **ALT**-key combinations. Underlined characters in menus and windows indicate the **ALT**-key combinations that activate each command or option. Depending on how Windows is configured, these underlined characters are visible either at all times or only when the **ALT** key is pressed. Access keys generally affect only the currently-active window, panel, or menu.

Keyboard shortcuts can be used to perform common functions. Keyboard shortcuts use **CTRL**-key combinations and **FUNCTION** keys and can help increase efficiency for advance users by providing quick keyboard access to commonly used commands. Keyboard shortcuts generally can be used in any context and are not limited to the active window, panel, panel, or menu.

“*Keyboard Shortcuts*” on page 21 describes the keyboard shortcuts available in most modules. Optional shortcut actions are shown in square brackets ([]) following the primary shortcut key.

Table 2-1: Keyboard Shortcuts

Shortcut	Action
ESC	Exits from the current mode and revert any changes. With character-repair, ESC exits the character validation level and highlights the field instead.
DELETE	Deletes selected item. If selection is an editable field in edit mode, the character to the right of the cursor is deleted.
SPACE	If selection is a link, button, or any other control that can be activated, launch it. Otherwise, behaves as a normal SPACE key.
TAB	Moves to next control defined in the tab order.
SHIFT+TAB	Moves to the previous control defined in the tab order.
CTRL+TAB or F6	Moves focus to the next field or panel.
CTRL+SHIFT+TAB or SHIFT+F6	Moves focus to the previous field or panel.
PGUP	Moves focus and selection down by one viewport height.
PGDN	Moves focus and selection up by one viewport height.
HOME	If selection is an editable field in edit mode, moves the cursor to beginning of the field.
END	If selection is an editable field in edit mode, moves the cursor to end of the field.
CTRL+HOME	Sets focus and selection to top item.
CTRL+END	Sets focus and selection to the bottom item.
↑	Moves focus and selection up by one line (if applicable, set focus to first item of line).
↓	Moves focus and selection down by one line (if applicable, set focus to first item of line).
F1	Displays online help for the active module or topic.
SHIFT+F1	Shows a tooltip, if any, defined for the control with focus. Tooltip is dismissed when this key combination is released.
F2	An editable item must be selected. Enters edit mode.

Shortcut	Action
F4	Displays the contents of a list box when the list has focus.
F5	Refreshes a list or items on the current panel with focus.
CTRL+C	Copies selected text from a field or text box.
CTRL+X	Cuts selected text from a field or text box retaining a copy to the Clipboard.
CTRL+V	Pastes text from the Clipboard to a field or text box.
CTRL+A	Selects all items in a list or group.
CTRL+Z	Undoes the most recent change.
CTRL+Y	Redoes the most recent change.
ALT+F4	Closes the application.
CTRL+F4	Closes the current active document.
SHIFT+F10	Show the context menu for selected item, if one is defined.
CTRL+→	Moves one word to the right in a text box or field. Hold down the CTRL key while pressing the arrow key.
CTRL+←	Moves one word to the left in a text box or field. Hold down the CTRL key while pressing the arrow key.
SHIFT+[→][←][↑][↓]	Selects the text in a text box or field. Hold down the SHIFT key and use the arrow keys to navigate through the text box, selecting text.
CTRL+SHIFT+HOME	If at the end of a line, selects all text in the line.

Chapter 3

Running Modules in Production Mode

When a module runs in production mode, it processes tasks sent to it by one or more Intelligent Capture Servers. A task includes everything the module needs to process the task: images, non-image data, processing instructions, and information that routes the task through the system.

Each time a module processes a task, it automatically adjusts its settings to match the requirements of the processing instructions included with that task. Each task belongs to a batch. Batches group tasks into manageable units—typically a collection of documents that belong together and that need to be processed in the same manner. Each task in a batch is processed according to instructions saved in the batch file when the module was run by an administrator in setup mode.

Data within a batch is arranged in a hierarchical structure called a tree. The tree has eight levels, from individual pages (level 0) at the bottom of the tree, through the batch (level 7) at the top of the tree. Intermediate levels (1–6) are containers that can be thought of as documents, folders, drawers, cabinets, boxes, stacks, or any other terminology that has meaning in a particular document capture scenario. The names of the levels are arbitrary and can be set by an administrator.

Tasks sent to client modules can contain a single page, all of the pages in the entire batch, or the pages contained within a specific level. Some modules can process tasks from any level while other modules are only able to process tasks at specific levels. For example, a module that performs *OCR* generally runs at level 0 because it is concerned with only a single page at a time. The data from other pages does not affect the outcome. However, an indexing module might run at level 1 or higher so that an operator can provide indexing information that pertains to the collection of pages in each document higher-level container. Similarly, an export module might need to export all of the data in an entire batch as a single output file. By running at level 7, the export module can receive a single task with all of the data in the batch, but only after the batch has completed all prior processing steps.

3.1 Running a Module for Production

Running a module in production mode connects the module to an Intelligent Capture Server or ScaleServer group, which is a collection of Intelligent Capture Servers configured to work together. Production begins when a processing mode is selected, enabling the Intelligent Capture Servers to send tasks to the module.

Related Topics

[“Processing Tasks in Run All Batches Mode” on page 25](#)

[“Processing Tasks in Run Single Batch Mode” on page 26](#)

[“Processing Tasks in Open Batch Mode” on page 28](#)

3.2 Getting Tasks

Unattended modules new in 7.0 get tasks using the **Choose Tasks** window.

The **Choose Tasks** window displays a list of batches with tasks that are available for processing. Use this window to select tasks and to retrieve tasks filtered by department or batch name. The list displays details for each batch including the batch name, ID, number of tasks, creation date, and priority.

To get tasks:

1. Identify the tasks that you want to process. You can filter the list by batch name or department.
2. Select a batch from the list and click the **Get Tasks** button to display the user interface and receive tasks.

3.2.1 Filtering Work Based on Department

You can filter available tasks based on one or more departments. The **Choose Tasks** window filters available tasks based on the selected department.

To filter tasks for a specific department, click the department chooser control on the **Choose Tasks** window. A list of all departments for which the current operator has permission to process tasks displays.

- When the list is displayed, departments selected previously are checked by default. This could be departments specified using a command line, or selected when processing previous work.
- If no departments were selected, or if the current selection is set to **All**, then no items are checked.
- To get ready work from any department, click the **All** button.
- To get ready work that has no department assigned, select the **(Unassigned)** checkbox from the **Departments** list.

After selecting departments using the department chooser control, click **Close** to save and apply the department filter to the list of available work.



Note: Do not collapse the **Departments** dropdown list using any method other than clicking the **Close** button. Doing so will prevent the department filter from being applied correctly.

3.2.2 Filtering Tasks Based on Batch Name

Available tasks display as a table in the **Choose Tasks** window. You can filter the list by typing the text to use as a filter in the filter text box, displayed immediately above the list of tasks.

To filter the list of tasks:

1. Type the text on which to filter in the filter text box. As text is typed, the list is repopulated to show only tasks that contains the filter text. This field is not case sensitive. The application searches for the filter text in the batch name.



Note: Only the display is updated. The list of tasks is not refreshed from the server while using the list filter.

2. Sort the filtered list by any column in the table. The default sort order is by priority.
3. To stop filtering, press **ESC** or click the red X button to the right of the filter text box. This clears the filter and repopulates the list with an unfiltered list of available work.

3.3 Processing Tasks in Run All Batches Mode

Some modules can run tasks in Run All Batches mode. When processing in Run All Batches mode, a module waits for an Intelligent Capture Server to send it a task that is ready for that module. The module then processes the task and, in most cases, sends the task back to the Intelligent Capture Server that sent it. (Export modules instead typically send the processing results to the file system or to a third-party repository.) This cycle then repeats, with the Intelligent Capture Server sending additional tasks to the module as they become available.

If Completion or Identification are started from the command line with the `-customtaskbatchlistfilter` parameter and the **Run All Batches** mode (either through the `-autostart` command line parameter by selecting the **Run All Batches** mode) is also started, then only tasks from the filtered list of batches (instead of from all batches) are returned from the Intelligent Capture Servers.

To process all batches:

1. Run the module for production.
 - a. If running the module in attended mode, select **Run All Batches**. The location of this command varies by module. Generally, do one of the following:
 - Click **Run All Batches** in the **Actions** panel.
 - Click the **Run All** button below **Select batches from the list**.
 - Select the **Run All Batches** menu command, usually in the **Run** menu.



Note: Some modules enable you to filter the **Select batches from list** by typing the beginning of a name in the **Enter batch name** field. The list displays only batches that start characters you type. However, if you click **Run All** after filtering the batch list, the module processes tasks from all batches, not just from the filtered list.

- b. If running the module in unattended mode, start the module with the appropriate command line arguments according to the command line startup instructions in each module setup guide. The module automatically starts up in Run All Batches mode and begins waiting for tasks.
 - c. If running the module as a service, the module always starts in run All Batches mode and begins waiting for tasks. No action is required or possible.
2. Wait as the module receives tasks as they become available from the Intelligent Capture Server(s) to which it is connected.
 3. Some modules can run batches belonging to selected departments. To process only tasks belonging to a department, first select the department from the **Choose department** list, then click **Run All**.
 4. Process tasks according to the needs of the module, as follows:
 - For attended modules, such as ScanPlus and RescanPlus, use the task processing buttons on the **Actions** panel to control processing and move from one task to the next as needed.
 - For unattended modules running as applications, such as export modules, minimize the production window. This enables the module to process tasks efficiently without expending processing power constantly updating the module's window.
 5. When tasks are no longer available for the module, let the module continue to run in All Batches mode. The module will continue to process tasks when they next become available.
 6. To stop waiting for tasks, click the **Stop** button or select **Close Batch** on the **Actions** panel.

3.4 Processing Tasks in Run Single Batch Mode

Some modules can run tasks in Run Single Batch mode. When processing in Run Single Batch mode, the operator selects a single batch from a list of batches on all connected Intelligent Capture Servers. The module then processes tasks from the selected batch only. When all tasks in the batch have been processed, the module waits for the operator to select another batch.

To process a single batch:

1. Run the module for production in attended mode and select **Run Single Batch**. The location of this command varies by module. Generally, do one of the following:

- Click **Run Single Batch** to display the **Batch Selection** window.
- Select a batch from the batch list.
- Click **Run Single Batch** in the **Actions** panel to display the **Batch Selection** window.
- Select the **Run Single Batch** menu command, usually in the **Run** menu, to display the **Batch Selection** window.
- Begin typing in the **Enter batch name** field to filter the **Select batches from list**. It displays only those batches that start with the characters you type.



Note: In RescanPlus only, if you filter the list of batches, select a batch from the list and start processing it, and then cancel the task, the list of batches does not retain the filter. Instead, the list displays all ready batches for the module.

2. Select the **Show only batches with ready tasks** checkbox to limit the display to only batches that have tasks queued for the module. Clear this checkbox to display all available batches. If you select a batch that does not have ready tasks, the module waits until tasks are ready before processing.
3. To display batches containing tasks that belong to a particular department, select a department from the **Choose department** list.



Notes

- When you start a module using the command line `-departments` argument, the first item in the **Choose department** list is **(All)**. Selecting this option shows batches with ready tasks for the departments that were specified when the module was started. Following **(All)** are individual departments for which at least one task is ready to be processed by this module. Selecting an individual department name shows batches for that department only.
 - The **Choose department** list overrides the **Show only batches with ready tasks** checkbox.
 - The **Choose department** list is disabled when the module is started with no departments specified.
4. Select a batch to process, then click **Run Selected** or **OK** to begin processing.



Note: The module receives tasks from the selected batch only as they become available. When no tasks are available, the module waits.

5. When you are finished processing tasks for the single batch you selected, close the batch. Closing the batch varies somewhat depending on the module:
 - Click **Stop** or **Close Batch** on the **Actions** panel.
 - Select the **Stop** or **Close Batch** command, usually in the **Run** menu.


3.5 Processing Tasks in Open Batch Mode

Some modules (notably most export modules) can run in Open Batch mode. When processing in Open Batch mode, operators select and process tasks from any batch at any time. A batch can be opened and processed regardless of whether the batch is ready for the module and regardless of whether the module step is included in the batch. When running in Open Batch mode, the Intelligent Capture Server that owns the batch ignores the processing that automatically transfers images and data from one module to another. Instead, the operator must select the file to use as the module's input file. Typically, Open Batch processing is used to manually export data a second time, after the normal batch export processing finishes; for example to obtain a different file format than was configured when the module was set up.

When a module finishes processing all tasks from the selected batch in Open Batch mode, the operator must close the batch. The module does not process any other tasks until the operator again selects a processing mode. In cases where the batch is exported, processing of the batch is complete and no further action is necessary. However, if the batch needs to be processed by other module steps, an operator must manually open it in the next module in the processing sequence. This is necessary because the Intelligent Capture Server ignores the automatic processing responsible for moving tasks to the next module step in the process.

To process tasks in Open Batch mode:


1. Run the module for production in attended mode and select **Open Batch**. The location of this command varies by module. Generally, do one of the following:
 - Click **Open Batch** on the **Actions** panel.
 - Select the **Open Batch** command, usually in the **Run** menu.Selecting the appropriate command displays the **Open Batch** window.
2. Make the appropriate selections from the **Open Batch** window:
 - To display only batches with ready tasks for this module, select the **Only show batches with ready tasks** checkbox.
 - To display all batches, even those that do not include a step of this module, clear the **Only show batches with ready tasks** checkbox.
 - To display batches containing tasks that belong to a particular department, select the department from the **Choose department** list box. This instruction assumes that the module was started with a *-department* command line argument.
3. Select a batch to process, and then click **OK**.
4. Respond to any prompts for more information to process the batch, such as an IA Value to use as the input or output file. Make the necessary selections or settings, and then click **OK**.

5. Perform module setup as needed. (If the selected batch does not include a step of this module, you may need to perform module setup because this information is not provided by the batch configuration.)
 - If changes to module setup are required, click **Set up Step** on the **Actions** panel or select **Set up Step** from the **Run** menu, depending on the module.
If the step is not set up properly, clicking **Process Batch** from the **Actions** panel displays a message in both the **Detected errors** and **Processing log** panes and opens the setup window. Perform module setup and then click **Process Batch** again.
-  **Note:** The module receives tasks from only the selected batch as tasks become available. When no tasks are available, the module waits. To stop processing tasks, click **Stop**.
6. When you are finished processing tasks for the batch you opened, close the batch. Closing the batch varies somewhat depending on the module:
 - Click **Stop** or **Close Batch** on the **Actions** panel.
 - Select the **Stop** or **Close Batch** menu command, usually in the **Run** menu.

3.6 Processing Tasks for a Department

Departments are configured by administrators or process designers to enable modules and their operators to selectively process tasks. Selective processing can be based on module capabilities, operator skills, or any other criteria where specific tasks must be routed to specific machines or operators.

To process tasks for one or more departments, you must start a module using the `-department:<department>` command line argument and specify one or more department names. Your administrator will provide you with the department names to use when starting the module, and may create a desktop shortcut to start the module with specific department names. After startup, certain modules give you an option to select from among all the departments that were specified in the `-department` command line argument.

 **Note:** Departments cannot be dynamically created from a command line. They must be created by declaring them in processes that are installed on the Intelligent Capture Server. *Intelligent Capture Designer Guide* and *Process Developer Guide* explain how to define departments and use them to control the flow of tasks and steps. For information about how to view, add, and delete departments, and how to view and modify department *ACLs*, see Section 9 “Managing Intelligent Capture Using the Intelligent Capture Administrator” in *OpenText Intelligent Capture - Administration Guide (ECPCORE-AON)*.

To process department tasks with a conventionally-deployed module:

1. Start the module by specifying the `-department` command line argument as follows:

- -department: <deptname>, where <deptname> is the name of a valid department. Until the module is closed and restarted, it processes only tasks belonging to the specified department. (The department to which each task belongs is determined by the process designer.)
- -department: <deptname1>, <deptname2>, <deptname3>, . . . , where <deptname>n are names of multiple valid departments. Until the module is restarted, it processes only tasks belonging to any of the specified departments.
- -department: *. Until the module is restarted, it processes tasks from all batches—those belonging to a department as well as those belonging to no department.



Note: Specifying an invalid department name returns an error and prevents the module from connecting to the Intelligent Capture Server.

2. If running the module unattended, it automatically proceeds to process tasks from all batches belonging to the departments specified when the module was started. If running the module as an attended application, an operator processes all ready tasks as usual:

- Select **Run All** to process tasks from all batches belonging to the departments specified when the module was started.
- Select **Run Selected** to process tasks from the selected batch. The list of batches from which you can select shows only batches with tasks belonging to the departments specified when the module was started.



Note: Some modules have a **Choose Department** control that filters the batch list. The **Choose Department** control includes an **(All)** selection as well as the name of every department specified when the module was started. To view only batches from a particular department, select the department name. To view batches from all departments, select **(All)**.



Note: If the operator has permission to run a module but does not have Execute permission for a specified department, the module will not receive tasks for that department. A module only processes tasks when started with a valid department name by an operator whose has been granted Execute permission in the department ACL.

3.7 Handling Messages and Errors

Modules running in attended mode may display informational and error messages when processing tasks. Many different events can trigger errors. For example, a disk becomes full while processing a task so that there is no place to save the task results. When enabled, attended modules display messages either directly in the production window or in a separate message window and suspend task processing until the operator acknowledges the error. Depending on the module and on how error handling is configured for the module, some or all of the following options are presented together with the error code and other relevant information about the batch, step, and task:

Production mode error prompts

Retry the current node/task

Select when the cause of the error can be corrected before proceeding.

For example, if the error is caused by insufficient disk space and files can be deleted or moved to obtain more space, then do so and retry the current node/task. The module then reprocesses this node/task and then continues to process subsequent nodes/tasks.

Stop/abort processing on this node/task

Select when a problem with a node/task causes the error or when the cause of the error cannot be determined.

For example, if an error repeatedly occurs after selecting **Retry the current node/task**, select this option to stop processing of this node/task until the condition causing the error is corrected.

Continue processing other nodes in the task

Select when the error is caused by the node itself. For example, when the node contains a bad image that cannot be exported, this option skips the node and continues with the other nodes in the task, as well as with other tasks in the batch.

Stop accepting tasks

Select to stop waiting for tasks from all batches until another processing mode is selected. Otherwise, the module continues to receive new tasks as appropriate for the current processing mode.

Set the batch priority to 0 / Set batch error

Select to stop all processing on the current batch by all modules on all machines. Processing continues with tasks from other batches as appropriate for the current processing mode. The affected batch remains inactive until an administrator resets the batch priority or batch error status to a non-zero value.



Note: Various modules use different wording with equivalent meanings for each of these options. Not all options are displayed by every module. If you are not sure which option to select, consult your administrator.

3.8 Enabling Reports and Logging

Modules that run as services and modules that run as unattended applications do not display informational or error messages. Instead, they handle errors automatically according to how they were configured by the administrator in setup mode. Both attended and unattended modules generally write messages to the Windows Application Event Log either on the local machine or on the Intelligent Capture Server, depending on the message. Many export modules enable operators to save the messages displayed in their production window to a log file. This capability is typically activated by clicking the **Export to Log** button in the **Processing Log** pane.

In addition to these built-in logging features, most modules output information and error messages to the logging subsystem. Logging and reporting are enabled and managed in Intelligent Capture Administrator. Administrators can define rules and settings to specify how and where a module should record informational and error messages as it processes tasks. The *Administration Guide* provides instructions on configuring and managing logs and reports.

3.9 Responding to Connect Messages

Modules that are configured to display messages and errors display a **Connect** window when they receive a task that requires an Intelligent Capture Server or back-end repository connection. To continue processing tasks, enter a server name, user ID, and password, and then click **Connect**. The prompts differ slightly among modules.

3.10 Viewing Status Information

Most modules display status information during or after processing tasks. The location and content of this status information varies by module.

To view module processing status in modules new in 6.0:

1. Start the module for production in attended mode.
2. Begin processing tasks.
3. Click **Information** or **Processing** in the navigation panel (depending on the module) to view information about processing status.
 - The **Task Information** panel or **Batch Summary** pane displays task progress, the name of the batch, the name of the step, and the node of the current task being processed.
 - The **Detected errors** pane displays only error messages and warnings that occur during production.
 - The **Processing log** pane displays the date and time of events, node numbers, batch name, task progress, warnings, and error messages.

4. (Optional for some modules) To filter the information displayed in the **Processing log** pane, click the **Filter** button and select an option:
 - **Show only error messages**
 - **Show error and warning messages**
 - **Show all messages**
5. To export information displayed in the **Processing log** pane to a file, click the **Export log to file** button. Select a destination directory and file name for the log, then click **Save**.

To view module processing status in module released prior to 6.0:

1. Start the module for production in attended mode.
2. Begin processing tasks by selecting **Run All Batches**, **Run Single Batch**, or **Open Batch** as appropriate. The production window displays the following information during processing:
 - Node number and batch name of the current task.
 - Task progress and error messages.
 - Processing time, progress, and statistics.



Note: Some modules do not display processing status.

Chapter 4

Running Modules in Setup Mode

Most configuration information for Intelligent Capture client modules is defined during *module setup*. You can run a module in setup mode from Intelligent Capture Designer, from Intelligent Capture Administrator, or from a command prompt with appropriate arguments.

When launched in setup mode, a client module displays the **Setup** window in which you can specify the module's configuration settings.

4.1 Ways to Run a Module in Setup Mode

4.1.1 Setting Up Process Steps from the Command Line

To set up a module step in a process or batch, specify the following information on the command line:

- The path and name of the module executable. All Intelligent Capture modules reside in the `Client\binnt` folder of the installation folder (`C:\Program Files\InputAccel\Client\binnt`, by default). If the pathname contains spaces (as the default path does), it must be enclosed in quotes.



Note: The module to be set up must be installed on the machine where setup mode is being run.

- The `-login` argument, specifying the name of the Intelligent Capture Server where the process or batch resides and optionally the user name, password, and domain name needed to connect. If any or all of this information is missing, the module displays the **Login** window where this information can be supplied.
- The `-setup` argument, specifying the process or batch ID and the name of the step to set up.

➔ Example 4-1: Example: Setting up a module in a process step

The following command runs a NuanceOCR step for setup. The process ID is 3500 and the module step is named "OCR." A connection is established to an Intelligent Capture Server named "MyIAServer" with the user name "Administrator" and the password "mypassword":

```
"C:\Program Files\InputAccel\Client\binnt\QuickModuleHost.exe"  
-modulename:NuanceOCR -login:Administrator,mypassword@MyIAServer  
-setup:3500,NuanceOCR
```



**Caution**

Be aware that supplying passwords as part of the module command line can compromise network security. Best practice is to omit the password from the startup command. When no password is specified, the user is prompted to enter one when starting the module.

➔ Example 4-2: Example: Setting up a module in a batch step

The following command runs an Image Processor step for setup. The batch ID is 7800 and the module step is named "CleanImage." A connection is established to an Intelligent Capture Server named "MyIAServer" using Windows login credentials to connect:

```
"C:\Program Files\InputAccel\Client\binnt\cpimgpro.exe"  
-login:*@MyIAServer -setup:7800,CleanImage
```



Note: Passwords cannot contain @ symbols. If your Windows password contains @ symbols, you must change it before you can start a module and connect to an Intelligent Capture Server.

4.1.2 Setting Up Process Steps in Intelligent Capture Designer

This procedure applies to a process created using Intelligent Capture Designer. After you have installed a process instance on the server, you can proceed to setup its steps.

To set up a process step:

1. Open the CaptureFlow diagram in CaptureFlow Designer.
2. Expand the **Choose Installed Process** list and select your process.
3. Select a step on the CaptureFlow diagram that you need to set up. Right-click the step and select **Module Settings** from the context menu. If the **Module Settings** command is grayed out, check if the **Connected** status is displayed on top of Intelligent Capture Designer. Reconnect to the server if necessary.

If the command succeeds, the module's setup dialog box is displayed.

4. Specify the module's setup parameters and save them.
5. Close the module's setup dialog box.

There are several concepts about setup that may help you understand possible issues.

First of all, when you try to set up a module, make sure that you have an instance of this module installed on your desktop. Otherwise, setup is impossible and the

module's setup window is not called. If the required module is missing on your desktop, the workaround is to set up the required step on a different machine.

Notes

- It is recommended to set up a module and edit module settings through Intelligent Capture Designer > CaptureFlow Designer. While you can also setup a module using Intelligent Capture Administrator, it is best to use either Intelligent Capture Designer or Intelligent Capture Administrator to setup the module. Do not setup or edit any module settings using both Intelligent Capture Administrator and Intelligent Capture Designer because the settings may not be updated correctly. If you change module settings in Intelligent Capture Administrator, you must click **Download Settings** in CaptureFlow Designer so Intelligent Capture Designer updates its own copy of settings with those currently configured for the process.
- If you are logging in from a domain that is different from the Intelligent Capture Server, then you are prompted to specify a valid user in the Intelligent Capture Server domain.

For additional information on running modules in setup mode from Intelligent Capture Designer, see *OpenText Intelligent Capture - Designer Help (ECPCORE-H-CPD)*.

4.1.3 Setting Up Process Steps in Intelligent Capture Administrator

This procedure applies to a process created either in Intelligent Capture Designer or Process Developer. After you have installed a process instance on the server, you can proceed to setup its steps.

To set up a process step:

1. In the **Intelligent Capture Administrator** window, select **Systems** from the navigation panel to display the **Systems** pane.
2. Click **View Processes** to display the **Processes** pane containing the list of available processes.
3. Select the process containing the module step to configure. The **Steps for process** table lists all the module steps associated with the selected process.
4. Double-click the module step to configure or right-click the step and select **Settings**. The corresponding module is run in setup mode. Configure the module step and click **OK** to return to the **Processes** pane.

Notes

- Setup is always run on a single Intelligent Capture Server, where the process to configure resides. When Intelligent Capture Servers are part of a ScaleServer group, each server must have an instance of the process

to be used, that is, the process must be installed on all servers in the group. To configure this process the user can do one of the following:

- Install and configure the process on one of the Intelligent Capture Servers and then copy the process to the other Intelligent Capture Servers in the ScaleServer group.
- Install the process on all Intelligent Capture Servers. Run setup on the steps of the process on one of the servers, then copy the settings from that process and paste them to the other instances of the process on the other servers.
- If more than one person configures a process at the same time, the Intelligent Capture Server saves the most recent data received.
- Firmware can be set up from within Intelligent Capture Administrator, but it must reside in one of these locations to set up the module.
 - Intelligent Capture client path\binnt: This is the location for all the Intelligent Capture client modules. By default, this is C:\Program Files\InputAccel\Client\binnt.
 - Firmware\Programs: This is the usual location when Firmware is installed.



Notes

- It is recommended to set up a module and edit module settings through Intelligent Capture Designer > CaptureFlow Designer. While you can also setup a module using Intelligent Capture Administrator, it is best to use either Intelligent Capture Designer or Intelligent Capture Administrator to setup the module. Do not setup or edit any module settings using both Intelligent Capture Administrator and Intelligent Capture Designer because the settings may not be updated correctly. If you change module settings in Intelligent Capture Administrator, you must click **Download Settings** in CaptureFlow Designer so Intelligent Capture Designer updates its own copy of settings with those currently configured for the process.
- If you are logging in from a domain that is different from the Intelligent Capture Server, then you are prompted to specify a valid user in the Intelligent Capture Server domain.

4.2 Enabling Automatic Login

Certain custom export modules have the ability to perform automatic login to their target repository servers. Automatic login enables a custom export module to process steps for multiple repository servers in an unattended mode using the credentials that are specified during module setup.

To enable automatic login:

1. Run the module for setup.
2. Select the **Logon** tab.
3. Connect to the repository server using the credentials that this step should use to connect during production. The labels of these fields may vary depending on the module.
 - a. In the **Server** field, select or type the name of the repository server.
 - b. In the **User** field, type the name of the user that the module should use when receiving a task for this step.
 - c. In the **Password** field, type the password that enables the user to access the repository server when work is received for this step during production.
4. Select the **Use Windows Login** check box to use the user name and password for the current Windows user. Selecting this checkbox disables the **User** and **Password** fields.
5. Select the **Automatic Login** check box.
6. From the **Disconnect When** list, select the preferred disconnect event for task-based connections:
 - **The task is finished:** Use this option to connect to multiple client workstations when a limited number of licenses exist. The module disconnects from the repository server when the task finishes.
 - **A different login is received:** Use this option when most tasks export to a single repository server, as fewer logout/log in cycles can improve performance. The module remains connected to the specified repository server until it receives a task that specifies different credentials. It then disconnects from any other task-based connections before connecting using the new task credentials.
 - **The module exits:** Use this option to connect to multiple client workstations when a sufficient number of licenses exist. This enables client workstations to access the server simultaneously and improves performance by reducing the number of log in cycles. After connection to the server is established, the module remains connected to this server until the module exits.
7. Configure other module properties as needed and then click **OK** to save the settings and close the module.

4.3 Setting Up Error Handling

Many modules have the ability to configure how errors are presented to operators during production.

Modules that are run unattended and modules that run as a service respond differently to error handling configuration performed during module setup:

- Modules run as unattended client applications recognize all of the error handling settings defined during module setup.
- Modules run as services recognize all error handling settings defined during module setup except **Prompt for an action** and **Stop receiving tasks after the current task**. When the **Prompt for an action** option is enabled, modules instead follow the configuration under **Automatically respond with the following options**. The **Stop receiving tasks after the current task** option is always ignored. Modules running as services skip the node that produced the error, continue receiving tasks, and do not set the batch priority to 0 unless the service is stopped or paused.



Notes

- If the module is running unattended or as a service and receives an improperly-configured task (for example, a task from a module in which setup mode settings were never applied), the task is always cancelled with a retry reason and the batch priority is set to 0.
- Error handling options vary between modules, and not all modules have error handling setup options. If the module setup window does not provide **Error** options, error handling must be defined in the process code by the process developer. Instructions for defining error handling within processes are provided in *Intelligent Capture Designer Guide* (for users of CaptureFlow Designer) and *Process Developer Guide* (for users of Process Developer).

To set up error handling and recovery:

This procedure applies to modules that provide error configuration in their setup windows.




Note: The names and arrangement of error handling options varies by module.

1. Run the module for setup
2. Select the portion of the user interface that contains error configuration options. Depending on the module, this may be the **Errors** pane, the **Errors** tab, or a portion of the main setup window.
3. Select an option under **When an Error Occurs** according to the information in the following table.
4. Configure the options under **Recovery Options** according to the information in the following table.

Table 4-1: Error Handling Configuration

Section	Option	Description
When an error occurs	Prompt for an action	Displays an operator prompt when an error occurs during production. Suspends processing until the operator responds to the error.

Section	Option	Description
	<p>Automatically respond with the following options</p>	<p>Automates error handling during production when the module is run unattended or as a service. No messages are displayed during production. After selecting this option, configure the following sub-options:</p> <ul style="list-style-type: none"> • Abort entire task: Aborts the current task and returns an appropriate <i><ExportResult></i> IA Value, which can be evaluated within the process. • Skip node that produced the error and continue with remaining nodes: Returns an appropriate <i><ExportResult></i> IA Value for the node in which the error occurred, which can be evaluated within the process. • Stop receiving tasks after current task: Stop processing after an error occurs. Equivalent to the operator choosing the Stop command. When not selected, the module continues to accept tasks after an error occurs. <p> Note: For ease of administration, pick one of the following two options consistently throughout your process or batch configuration.</p> <ul style="list-style-type: none"> • Set the batch priority to 0: Takes the batch offline and prevents further processing by any module step until the administrator manually sets the batch priority to non-zero. When not selected, the batch priority remains

Section	Option	Description
		<p>unchanged after an error, unless another behavior is defined within the process code.</p> <ul style="list-style-type: none"> • Set batch error: Sets the batch to an error status and prevents further processing by the module until the administrator manually clears the error.
Recovery options	Automatically retry	<p>Repeats the operation that caused the error before reporting the error. This option is useful when the error may clear itself; for example, when the error is caused by a lack of disk space or a file overwrite condition. The operation is repeated according to Number of times to retry before reporting error.</p>
	Skip nodes that have already been successfully processed by this instance	<p>Prevents the module from reprocessing nodes that have already been successfully processed. When this field is cleared, the module will reprocess all nodes in the task, even those that have already been successfully processed.</p>

4.4 Configuring Logging

In addition to using the logging subsystem built into Intelligent Capture, several modules provide settings for saving log information to a file. These modules can be identified by the presence of a **Logging** tab in their setup windows.

From the **Logging** tab, specify how the module should record error and informational messages as it processes tasks during production. These options generate a log of error messages, informational messages, or both, and specify where to save the log files.

To configure logging:

1. Run the module for setup.
2. Select the **Logging** tab.

3. To log messages to a specified file, select the **Log messages to a file** checkbox and select the required options.
 - In the **Severity to log** list, select **Errors Only** or **Errors and Information**.
 - In the **File name** field, specify a location and file name for the log file. Type a path or click **Browse** to display a **Select** window in which you can navigate to the log file location.
4. To log error messages to the Intelligent Capture Server, select the **Send error messages to the Intelligent Capture Server Event Log** checkbox.



Note: If logging from multiple modules to a shared location, be sure to specify unique log file names for each module step to prevent one log from overwriting another. If logging from multiple copies of the same module to a shared location, use appropriate IA Values in the log file name to prevent the output of one copy of the module from overwriting the output of another.

5. Perform other setup tasks as necessary, then click **OK** to save the settings and exit setup.

4.5 Viewing Step Information during Setup

Depending on the module, the **Info** tab or **Information** pane displays detailed information about the step.

To display step information during setup:

1. Run the module for setup.
2. Select the **Info** tab or **Information** pane.
3. In the **Step properties** area, view the following information about the step.



Note: The names and arrangement of these items varies by module.

- **Name:** The name of this step as it was define in the process.
 - **Departments:** The names of departments, if any, defined in the process.
 - **Process/Batch name:** The name of the process or batch that contains this step.
 - **Process/Batch ID:** The unique ID number of the process or batch that contains this step. This ID number is required to run a module for setup from a command prompt.
4. In the **Intelligent Capture Server connection properties** area, the following information about the connection to the Intelligent Capture Server displays:
 - **Server name:** The name of the Intelligent Capture Server currently connected. This is the server that owns the process or batch being set up.

- **User name:** The user name for the current user, prefixed by the domain name if applicable.

4.6 Working with IA Values

IA Values are variables that are passed among client modules and the Intelligent Capture Server. They hold setup and processing information and make that information available in places where it is needed. During setup, many modules require IA Values to be inserted in various fields. For example, if you are setting up the Completion module, you may need to populate an index field with some information captured by ScanPlus. This is accomplished by inserting the ScanPlus IA Value in the Completion module's index field.

In most cases, the needed IA Value can be selected from the **Choose IA Value** window. In modules that do not use the **Choose IA Value** window, the name of the needed IA Value may be typed into the field.

Additional information about working with IA Values when setting up a module step is provided in the following topics:

4.6.1 Inserting IA Values

To insert an IA Value:

1. Determine the name of the needed IA Value. Each module guide has a topic named *IA Values* that describes the IA Values the module uses. See the appropriate module guide to determine the name of the IA Value to insert.
2. In target field for the IA Value, determine whether there is a button to display the **Choose IA Value** window. The button may be labeled **IA Value**, **Insert Value**, **Select Value**, or [...]. Then do one of the following:
 - If the module does not have an **Insert Value** button, type the needed IA Value name into the field and skip the remaining steps. If you are inserting an IA Value from a different step, you must include the step name separated from the IA Value name by a period. In the preceding example of inserting a ScanPlus IA Value in a Completion module's index field, if the ScanPlus step name is "Scan," then the IA Value to insert is `<Scan.BarText0>`. ["Typing IA Values" on page 46](#) provides information about various ways to type IA Values to achieve various results.
 - If the module has an **Insert Value** button, click it to display the **Choose Value** window.
3. From the **IA Values** list, select the needed IA Value. Note that this list contains all of the IA Values from every module step in the batch or process you are configuring. The list can be very long. To simplify the task of locating the needed IA Value, use the following filter controls alone or in any combination.



Note: Some modules may not display one or more of these filter controls.

- **Step Name:** Select a step to display only IA Values from that step in the **IA Values** list. Select **(All Steps)** to display IA Values from all steps defined in the process or batch.
- **Level:** Select a level to display only IA Values declared at that level in the **IA Values** list. Select **(All Levels)** to display IA Values from all levels (0–7).
- **Type:** Select **Input** or **Output** to display only IA Values of that type in the **IA Values** list. Select **Both (Input and Output)** to display both types.
- Select the **File** checkbox to display file values in the **IA Values** list.
- Select the **Value** checkbox to display non-file values in the **IA Values** list.

When you select an IA Value, the full IA Value name to be inserted, including the step name, appears in the **Selected IA Value** field. For example, if you select the ScanPlus <BarText0> IA Value in a process or batch in which the ScanPlus step is named “Scan1,” the **Selected IA Value** field displays **Scan1.BarText0**.

4. Click **OK** to insert the selected IA Value. The IA Value is inserted using the syntax that gets the value from the current node. The table named “**IA Value Syntax**” on page 46 explains this syntax along with several others that can be used if the field supports manually editing the value.

4.6.2 Typing IA Values

When entering IA Values into fields, you can type an IA Value from any *MDF*, any non-MDF IA Value, or any IA Value type, including those that are not listed in the **Choose IA Value** window. Manually entering an IA Value also enables you to specify special syntax to achieve different results.


To type IA Values into a field that accepts manual entries:

1. Click a field so that it contains the insertion point.
2. Type the needed IA Values using the syntax described below.

Table 4-2: IA Value Syntax

Syntax	Result
@(<IAValue>)	Inserts the IA Value for the current node. Returns string and long IA Values as strings, suitable for use in labels and file names.
@[<IAValue>]	Inserts the IA Value for the current node. If the requested IA Value does not exist for the current node, inserts the IA Value for the previous node of the same level. Returns string and long IA Values as strings, suitable for use in labels and file names.

Syntax	Result
@<x>, where <x> is a node level 0–7	Inserts the position of the current level <x> node in its parent node. For example, <@0> inserts the position of the current level 0 node in its parent (level 1) node.
@<x><y>, where <x> and <y> are node levels 0–7, and <x> < <y>	Inserts the position of the current level <x> node within the specified level <y> node. For example, <@07> inserts the position of the current level 0 node within the batch (level 7) node.
<@n>, where <n> is a literal character (not a variable)	Inserts the unique hexadecimal node ID.
<@N>, where <N> is a literal character (not a variable)	Inserts the unique decimal node ID.

 **Note:** In addition to IA Values, many fields accept literal text. For example, typing @p. 0 inserts the literal text “p.” followed by the current level 0 node position, which represents the page number within its parent node.

Many fields accept multiple IA Values. For example, typing Scanned by <@(Scan.Operator)> on workstation <@(ScanMachine)> inserts the name of the ScanPlus module operator and the machine name of the computer, along with the appropriate explanatory text.

Chapter 5


Command Line Arguments


The following commands are available to modules in Intelligent Capture. Arguments offset by brackets ([]) are optional.





Note: Some commands are applicable to client modules that are ScaleServer-compatible. To determine if your module is ScaleServer-compatible, see client modules table in *OpenText Intelligent Capture - Administration Guide (ECPCORE-AON)*.


Table 5-1: Available Command Line Arguments



Argument	Description
<code>-AlwaysUseProcessingWaitTimeout:</code> <code>[0 1]</code>	<p>Valid values are as follows:</p> <ul style="list-style-type: none">• 0: (False) The <code>-taskprocesswaittimeoutsec</code> command line parameter is disabled for unattended modules.• 1: (True) The <code>-taskprocesswaittimeoutsec</code> command line parameter is enabled for unattended modules. <p>Default: 0</p> <p> Note: The <code>-taskprocesswaittimeoutsec</code> command line parameter is always enabled for attended modules.</p>



Argument	Description
<p>-autoreconnect</p>	<p>This command line argument is applicable to modules available prior to 6.0. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Automatically reconnects the module to a single Intelligent Capture Server when it becomes available. This feature is enabled by default when multiple servers in a ScaleServer group are specified during module startup. Use this argument to start an unattended module when the Intelligent Capture Server is down, leaving it to wait until the server becomes available and then automatically start processing tasks (using the -autostart argument) when the Intelligent Capture Server becomes available. For unattended modules, specify the -noconnecterror argument to suppress the Failed to Connect window.</p>
<p>-autostart</p>	<p>This command line argument is applicable to all client modules.</p> <p>Runs the module in Run All Batches mode after connecting to the Intelligent Capture Server or servers within a ScaleServer group.</p> <p>When a ScaleServer group is in use and none of the Intelligent Capture Servers specified on the command line are available when the module starts, or when the -autoreconnect argument is included, the module will wait until a server becomes available, connect to it, and start processing tasks in Run All Batches mode.</p> <p>For Completion and Identification, -autostart can also be used with -customtaskbatchlistfilter to apply a custom filter to the list of batches returned in the Run All Batches mode.</p> <p> Note: Completion behavior: Unlike other modules, when Completion is run in -autostart mode, the user cannot return to the Get Work window when work stops; stopping work or cancelling on wait exits the application.</p>

Argument	Description
-caseinsensitivereconcile	<p>(This command line argument is applicable to the Extraction module.)</p> <p>Disables case-sensitive comparison of extracted data during data reconciliation.</p>
-Profilesconfig:configFile	<p>(This command line argument is applicable to the Standard Import module.)</p> <p>Specifies a configuration file that includes all of the File System and Email profiles to be used by a Standard Import module instance.</p> <p>The absolute path to the configuration file must be specified.</p> <p> Notes</p> <ul style="list-style-type: none"> • Make sure to also specify the names of any current profiles that you still want to use; otherwise, they would be removed from the Standard Import module instance. • You should specify the correct letter case of the profile name because it is required to run that profile's corresponding script class. • You can use this argument in conjunction with the -EmailProfileNames and the -FileProfileNames arguments.
-customtaskbatchlistfilter	<p>This command line argument is applicable to the Completion and Identification modules in which the operator views the list of batches to pick up for processing.</p> <p>Runs the module with the custom filter applied to the list of batches. The custom filter is also applied when using <i>-autostart</i> as well as when the operator selects the Run All Batches mode.</p> <p>The batch filtering option must be implemented in the profile scripting and uploaded to the server before the module is launched with this parameter. The filtering parameters are defined in scripting. For details, see Section 2.8 "Batch Filtering Scripts" in <i>OpenText Intelligent Capture - Scripting Guide (ECPCORE-PSC)</i>.</p>

Argument	Description
<p>- <code>department: <department>[, <department2>, <department3>] [*]</code></p>	<p>This command line argument is applicable to all client modules.</p> <p>Enables the module instance started with this argument to receive tasks from one or more departments. Following the colon, enter one or more comma-separated department names to enable the module to receive tasks only from the specified department(s), specify no department to enable the module to receive only tasks not associated with any department, or specify an asterisk (*) to enable the module to receive all tasks, regardless of whether they are associated with departments.</p> <p>Examples</p> <ul style="list-style-type: none"> • "C:\Program Files\InputAccel\Client\binnt\cpimgpro.exe" -department:sanjose runs the Image Processor module and specifies a single department name. The module instance started by this command line can receive only tasks that belong to this department. • "C:\Program Files\InputAccel\Client\binnt\cpimgpro.exe" -department:sanjose,dallas,london specifies multiple department names. The module instance started by this command line can receive only tasks belonging to any of the specified departments. Do not type spaces in or between department names. • "C:\Program Files\InputAccel\Client\binnt\cpimgpro.exe" -department:* specifies all departments. The module instance started with this command line can receive any task, regardless of whether it is associated with a department. <p> Note: To run a client module as a service (in unattended mode) with departments, specify departments in the command line for the service in the Windows Service Properties window. Any arguments typed in the Starts field on this window exist only for the current session and are cleared when the machine is rebooted or service is</p>



Argument	Description
	restarted. To make department arguments persistent for a service, type them into the Path to executable field or include them within a command.
<p>- EmailProfileNames:profileName[, <profileName2> , <profileName3> , ...]</p>	<p>This command line argument is applicable to the Standard Import module.</p> <p>Specifies all of the Email Import profiles to be used by a Standard Import module instance.</p> <p> Notes</p> <ul style="list-style-type: none"> • Email import profiles are saved as *.config files in the following folder: <i><Capture System Folder Name>/GlobalData/EmailImportProfile</i> • Make sure to also specify the names of any current profiles that you still want to use; otherwise, they would be removed from the Standard Import module instance. • You should specify the correct letter case of the profile name because it is required to run that profile's corresponding script class. <p>You can use this argument in conjunction with the - Profilesconfig argument.</p>

Argument	Description
<p>- FileProfileNames:profileName[, <profileName2>, <profileName3>, ...]</p>	<p>This command line argument is applicable to the Standard Import module.</p> <p>Specifies all of the File System profiles to be used by a Standard Import module instance.</p> <p> Notes</p> <ul style="list-style-type: none"> • The profiles are saved as *.config files in the following folder: <Capture System Folder>/GlobalData/FileImportProfile • Make sure to also specify the names of any current profiles that you still want to use; otherwise, they would be removed from the Standard Import module instance. • You should specify the correct letter case of the profile name because it is required to run that profile's corresponding script class. • You can use this argument in conjunction with the -Profilesconfig argument.
<p>-fixeddepartments</p>	<p>This command line argument is applicable to Identification and Completion modules.</p> <p>Hides the Departments list and the Select All button in the module's Get Work window, so the operator cannot change the department with which the module has started.</p> <p> Note: This parameter is ignored if the -department argument specifies an asterisk (*) to enable the module to receive all tasks.</p>
<p>-ignoreservermsgs</p>	<p>This command line argument is applicable to modules that use the DCC architecture. This argument is the same as the <i>IgnoreServerMessages</i> settings.ini parameter; however, the default value for this argument is 4. See “Networking Parameters” on page 105.</p>

Argument	Description
<p><code>-install</code></p>	<p>This command line argument is applicable to modules available prior to 6.0. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Registers the module executable as a Windows service. After performing this operation, use the Microsoft Management Console to configure the service account and service password as needed.</p> <div data-bbox="959 716 1448 863" style="background-color: #f0f0f0; padding: 5px;">  <p>Caution Do not attempt to run a module as a service unless it supports this feature.</p> </div> <p>See “Troubleshooting Command Line Installation Failures for Copy and Timer” on page 67 if the command line installation fails.</p>
<p><code>-install:<service_name></code></p>	<p>This command line argument is applicable to modules new in 7.0 and 6.x. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Registers the module as a Windows service, using the <code><service_name></code> parameter as the name of the service. Default behavior is to register the module as a Windows service using the short name of the module.</p> <div data-bbox="959 1388 1448 1535" style="background-color: #f0f0f0; padding: 5px;">  <p>Caution Do not attempt to run a module as a service unless it supports this feature.</p> </div>



Argument	Description
-linefeedreplaced	<p>This command line argument is applicable to the Advanced Recognition modules (Classification, Identification, and Collector) and the Documentum Advanced Export module.</p> <p>Replaces the Line Feed control character (LF) with Carriage Return Line Feed control characters (CRLF). An example of how this parameter can be used: If an Advanced Recognition index field value contains a line feed (LF - character code 10) character, then this character is replaced by two characters CRLF (CR - character code 13).</p>
-localcache	<p>This command line argument is applicable to the Identification and Extraction modules.</p> <p>Enables using the Recognition Project (<i>DPP</i>) from the local drive. If the DPP is not on the drive or is outdated, the Identification and Extraction modules will copy it.</p>

Argument	Description
<p>- login: *@<server>[; <server2>; <server3>]</p>	<p>This command line argument is applicable to all client modules.</p> <p>Connects to an Intelligent Capture Server or multiple Intelligent Capture Servers within a ScaleServer group using the credentials of the current Windows user. The Login window for the module will not display.</p> <p>In place of <server>, specify the name of the Intelligent Capture Server. Prefix the first server name with *@ but no spaces.</p> <ul style="list-style-type: none"> • To log into all Intelligent Capture Servers in a ScaleServer group, specify the name of one server in the group, followed by a trailing semicolon. For example: @<server>; • To log into a subset of Intelligent Capture Servers in a ScaleServer group, list each server separated by a semicolon, omitting the trailing semicolon. For example: @<server>; <server2>; <server3>; <server4> • If the Intelligent Capture Server has the TCP/IP protocol enabled, then enter an Intelligent Capture Server name. • If the Intelligent Capture Server has the HTTP or HTTPS protocol enabled, then use the following syntax: http://<machine_name><[:port]> <service_name> https://<machine_name><[:port]> <service_name> <p>Where:</p> <ul style="list-style-type: none"> - <i>machine_name</i>: name of the host machine - <i>port</i>: number of the port for HTTP or HTTPS requests <ul style="list-style-type: none"> o HTTP default: 80 o HTTPS default: 443 - <i>service_name</i>: the Intelligent Capture server's service name <ul style="list-style-type: none"> • To connect to multiple Intelligent Capture servers using different protocols, you would enter both of the aforementioned protocols, using a semicolon as a delimiter.

Argument	Description
	<p> Note: In a Scale-Server Group, if an Intelligent Capture Server has both protocols enabled, then it uses the first specified protocol; otherwise, if an Intelligent Capture Server has only one protocol enabled, it uses that one.</p> <p>This example starts the Standard Export module for production and connects to four Intelligent Capture Servers using the credentials the operator used when logging into Windows: "C:\Program Files\InputAccel\client\binnt\cpexport.exe" -login: *@iaserver;server8;mktiasvr;bermuda</p> <p> Notes</p> <ul style="list-style-type: none"> • Quotation marks are required when there is a space in the path. It is not necessary to add the quotes if there are no spaces in the path.

Argument	Description
<p>-login:domain \<user>, <password>@<server>[; <server2>; <server3>]</p>	<p>This command line argument is applicable to all client modules.</p> <p>Connects to an Intelligent Capture Server or multiple Intelligent Capture Servers in a ScaleServer group using the specified domain name, user name, and password. The domain name, user name and password values are optional and, when supplied, fill in the corresponding fields of the module Login window. When any of the optional values are omitted on a command line, the Intelligent Capture Server displays the module Login window to prompt the operator for the missing information. When all log in argument values are correctly specified, the Login window does not display.</p> <p>Specify the following optional values as part of this argument:</p> <ul style="list-style-type: none"> • domain: Name of the domain to which the Intelligent Capture Servers belong. • \<user>: Name of the user in the specified domain or workgroup. Precede the user name with a back slash (\) • , <password>: Password for the user on this domain. Precede the password with a comma (,). • @<server>: Workstation name or <i>IP</i> address of the computer running the Intelligent Capture Server. Precede the server name with an ampersand (@). To connect to multiple Intelligent Capture Servers in a ScaleServer group, specify additional server names separated by semicolons (<server2>; <server3>; <server4>). <p>For example: "C:\Program Files\InputAccel\Client\binnt\cpexport.exe" -login:honor\johndoe,od1e43@iaserver;server8;mktiasvr;bermuda runs the Standard Export module (iaeximg.exe) for production and connects to four Intelligent Capture Servers using the specified domain name, user name, and password.</p>

Argument	Description
<pre>-loginex: <session_domain> \ <session_user>, <session_ password>@ <repository_ session>[<port>: <server_port>] [, <database>]</pre>	<p>This command line argument is applicable to custom export modules.</p> <p>Connects a custom export module to a repository or back end system session. The session argument values are optional and, when specified, fill in the corresponding field of the export module's repository session connection window. When any of the optional values are omitted from the command line, the Intelligent Capture Server prompts the operator for the missing information prior to task processing. When all of the optional argument values are correctly specified, the repository session connection window does not display when the module starts.</p> <p>Specify the following optional values as part of this argument:</p> <ul style="list-style-type: none"> • <i><session_domain></i>: Name of the domain where the session user account exists. Some repository and back end systems do not accept a domain name specified in this way. These systems must be configured within the same network domain as the Intelligent Capture system that is exporting to it. • <i>\ <session_user></i>: Name of the user account for this session. Precede the session user name with a back slash (\). When the domain name is omitted and the session user name contains a back slash, use a back slash before the session user name. For example: <code>-loginex: \bob\smith,secret@myserver,mydatabase</code> • <i>, <session_password></i>: Password for the user account. Precede the password with a comma (,). • <i>@ <repository_session></i>: Network name of the repository or back end server. This can be the actual server name or the name of a session that was established for servicing requests from network users. When specified, precede the session name with an ampersand (@). • <i>@ <repository_session>[<port>: <server_port>] [, <database>]</i>: Some repository systems use a syntax of <i>@ <repository_</i>


Argument	Description
	<p><i>session</i>: <port>, <database>, which specifies a repository server or session, server port number, and database within the repository. Determine the permitted syntax for the repository server by looking at the session connection window for the custom export module and noting the information it requests from an operator. For example, when the session connection window requests a server port number, use the : <port> argument.</p> <p> Note: Specific functionality of the optional argument values can vary by export module, as these values are dependent on the type of repository to which exported data is being sent. See the export module documentation to determine precisely how these values work with a particular export module.</p>
<p>- MaxTaskProcessingTimeMin: <minutes> ></p>	<p>Specifies the number of minutes after which task processing is aborted.</p> <p>Valid values for <minutes> are as follows:</p> <ul style="list-style-type: none"> • 0: Task processing is never aborted. • Greater than 0: If task processing time is greater than the specified number of minutes, then task processing is aborted. <p>Default: 0</p> <p> Notes</p> <ul style="list-style-type: none"> • This parameter is only applicable to unattended modules; furthermore, this parameter is intended to be used with the Extraction module. • Some modules use third-party components and aborting their work could cause unexpected results or the module to fail.

Argument	Description
-noconnecterror	<p>This command line argument is applicable to modules available prior to 6.0. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Suppresses the Failed to Connect message that displays when one or more Intelligent Capture Servers within a ScaleServer group is unavailable when the module starts. Use this argument to start a module and run it as an unattended process, and when the list of Intelligent Capture Servers is correctly specified using the -login: argument.</p> <p>For example: "C:\Program Files\InputAccel\Client\binnt\iatimer.exe" -login:honor\johndoe,od1e43@hoffice;boffice -noconnecterror runs the Timer module for production in unattended mode. Specifies two Intelligent Capture Servers, log in credentials (which suppresses the Login window) and the -noconnecterror argument (which suppresses the Failed to Connect message).</p>

Argument	Description
-printerport	<p>This command line argument is applicable to the Image Converter module.</p> <p>Enables users to specify available ports to connect virtual printers. Using the command line, you can define the required port (for example, one of <i>COM</i> ports) to connect the corresponding virtual printer. To do this, use the <code>-printerport</code> command line parameter when installing Image Converter instance as a service:</p> <pre>-printerport: <PortName></pre> <p>For example, provide the following command line when installing Image Converter as a service:</p> <pre><imgconv> -install: <Image Converter> -login: <DOM> \<Administrator>, <PASS>@<XX.XX.XX.XXX> -printerport: <COM1></pre> <p>where</p> <ul style="list-style-type: none"> • <i><imgconv></i> is the name of the Image Converter .exe file; • <i><Image Converter></i> is the name of the service; • <i><DOM></i> \<Administrator>, <PASS>@<XX.XX.XX.XX> is the string that defines the domain name \login, and password, accordingly, and the IP address of the server you want to log in; • <i><COM1></i> is the name of a port.

Argument	Description
<p><code>-runBatch: <id></code></p>	<p>This command line argument is applicable to the Completion and Identification modules.</p> <p>Starts accepting work for the given batch ID (for example, 10500), as if the user had selected the batch with that ID from the Task Chooser. After completing the last task for a batch, the user is responsible for closing the module because the module cannot determine if or when additional tasks will be delivered for the selected batch.</p> <p>In <i>-runBatch</i> mode, the user cannot return to the Task Chooser window because the run is for a single batch; in this mode, stopping work exits the application.</p> <p>A warning message which contains the batch ID and indicates that there are no ready tasks for the specified batch will be displayed in the following cases:</p> <ul style="list-style-type: none"> • the batch ID value does not exist; • the batch ID value exists but the user does not have permissions to run a single batch, or there are no tasks ready for the batch at this step; or the batch is in the hold or error state.
<p><code>-serviceAccount: <account></code></p>	<p>This command line argument is applicable to modules new in 7.0 and 6.x. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Specifies the account that the service will run as. If the <code><account></code> is not specified, then the service is registered as <i>LocalSystem</i>. Allowed values are:</p> <ul style="list-style-type: none"> • LocalSystem • LocalService • NetworkService • domain\username

Argument	Description
-servicePassword: <password>	<p>This command line argument is applicable to modules new in 7.0 and 6.x. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Specifies the password for the serviceAccount. The default value is None which is applicable only if the service account is a named user.</p>
-serviceWaitTimeout: <seconds>	<p>This command line argument is applicable to modules new in 7.0 and 6.x. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i>.</p> <p>Specifies the number of seconds to wait before the service is timed out after startup. Default value is 600.</p>
-silent	<p>This argument is used with the -install argument.</p> <p>Include this argument to suppress notification messages issued by the server when a service is registered or unregistered. This option is useful for streamlining service registration activities, or if the administrator is unavailable to respond to notification messages on the machine where the service registration has been modified.</p>
-taskprocesswaittimeoutsec	<p>Specifies the task-processing wait timeout in seconds for attended modules. The timeout period begins when the task arrives at the client. Tasks waiting on the client to be processed by the client module are returned back to the Intelligent Capture Server after the specified timeout period has elapsed.</p> <p>Default: 60</p> <p>Valid values: 30 - 86400 (24 hours)</p>

Argument	Description
-tracelevel:debug	<p>Increases the logging level for debugging purposes. Setting up a trace log differs whether you are running the module as an application or a service.</p> <ul style="list-style-type: none"> • When running the module as an application: <ol style="list-style-type: none"> 1. Stop the application. 2. Right-click the module icon. 3. Select Properties. 4. Modify the target path, and append -tracelevel:debug to the end of the startup command. 5. Restart the application. • When running the module as a service: <ol style="list-style-type: none"> 1. Stop the service. 2. Open the Registry Editor (regedit). 3. Open HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\<i><DCCModule></i> <p>where <i><DCCModule></i> can be one of the following:</p> <ul style="list-style-type: none"> - CPEXPORT - CPEXTRAC - CPIMGPRO - CPIMPORT - CPOCR - IMGCONV 4. Double-click the ImagePath line item, and append -tracelevel:debug to the end of the Value data. 5. Click OK. 6. Restart the service. <p> Note: The Intelligent Capture clients automatically enable trace logs in %ProgramData%\EMC\InputAccl<i><Module></i>\Trace\ where <i><Module></i> represents the name of the client module (for example, CPIMGPRO, CPEXTRAC, CPDSKTOP and so on).</p>
-unattended	<p>Runs the module in unattended mode and suppresses all server messages (for example, the demo license warning message).</p>

Argument	Description
-uninstall	This command line argument is applicable to modules available prior to 6.0. For the list of these modules, see Section 11 “Appendix—Intelligent Capture Client Modules” in <i>OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)</i> . Removes the module from Windows service registration, so that it can no longer be run as a service. Does not uninstall the module from the machine.
uninstall:<service_name>	This command line argument is applicable to all client modules. Unregisters the <service_name> module as a Windows service.
taskprefetch	This parameter has the same meaning as <code>PrefetchDefault</code> but pre-fetched tasks are awaiting processing with the status “sent”. Default value=1

5.1 Troubleshooting Command Line Installation Failures for Copy and Timer

When installing the Copy module or the Timer module as a service using the command line, the `-install` command may fail resulting in the module not starting. When this happens, check the **Properties** of the service. If the executable path does not contain parameters such as `-login` or `-servicemode`, then try the following workarounds.

Workaround 1:

1. Right-click `iacopy.exe` or `iatimer.exe` from the `\InputAccel\Client\binnt` folder.
2. Select **Properties**, then on the **Compatibility** tab set the **Compatibility mode** to **Windows 7**. This setting is required only when installing these two modules as services from the command line.

Workaround 2:

Run the following command after installing the module as a service: `sc config <modulename> binpath= "<installpath>" -login:*@<IA Server> -servicemode"`

Where:

- `<modulename>`: name of the module

- <installpath>: the complete path where the module is installed including the module executable
- <IA Server>: the name of the Intelligent Capture Server that the module is connected to

Example for installing the Timer module as a service: `sc config IATIMER binpath= "\"G:\IAclient\binnt\iatimer.exe\" -login:*@MyTestServer -servicemode"`

Example for installing the Copy module as a service: `sc config IACOPY binpath= "\"G:\IAclient\binnt\iacopy.exe\" -login:*@MyTestServer -servicemode"`



Notes

- Ensure there is a space following the `binpath=` parameter
- To learn more about the `sc` command, see: [http://technet.microsoft.com/en-us/library/cc990290\(v=WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc990290(v=WS.10).aspx)

Chapter 6

IA Values Reference

This section describes common *MDF* IA Values and Non *MDF* IA Values that can be used by client modules.

6.1 Common *MDF* IA Values

This section describes common *MDF* IA Values that can be used by modules new in 7.0–7.x. Section 11 “Appendix – Intelligent Capture Client Modules” in *OpenText Intelligent Capture - Installation Guide (ECPCORE-IGD)* lists the modules that are new in 7.0–7.x.



Note: Unless otherwise specified, these values apply to both attended and unattended modules.

Table 6-1: Common IA Values

IA Value Name	Level	Type	Description
<StartDateTimeUtc>	<T>	Date, Output	<T> represents the level of the task (up to level 7.) The date/time the task was started in UTC.
<TotalTimeMilliSec>	<T>	Long, Output	<T> represents the level of the task (up to level 7.) The duration of the task in milliseconds The task time is calculated beginning with the time that the control of the task is first given to the operator and ends when the operator closes the task, independent of whether the task was completed or canceled.

IA Value Name	Level	Type	Description
<Operator>	<T>	String, Output	<p><T> represents the level of the task (up to level 7.)</p> <p>Attended modules only. The username of the operator that processed the task as entered in the client module login window. This may be different from the Windows user that is running the module.</p>
<Machine>	<T>	String, Output	<p><T> represents the level of the task (up to level 7.)</p> <p>The name of the machine on which the task was processed.</p>
<TaskExecutionStatus>	<T>	Long, Output	<p><T> represents the level of the task (up to level 7.)</p> <p>Unattended modules only. Indicates the status of the task. Non-zero values reflect the task status as of the last time that the task was executed . Possible values are: 0 = Never processed 1 = Successfully processed -1 = Processed and failed</p>

IA Value Name	Level	Type	Description
<ErrorText>	<T>	String, Output	<p><T> represents the level of the task (up to level 7.)</p> <p>Unattended modules only. Non-localized error message if the last execution had failed. Empty if not processed or processed successfully. "Canceled" (English) if the task had been canceled after execution had commenced.</p>

6.2 Non-MDF IA Values

This section describes non-*MDF* IA Values that can be used by modules that accept manually typed entries in their IA Value fields.



Note: The **Choose Value** window does not display non-MDF IA Values. These values must be specified by typing their names into an IA Value field.

Non-MDF IA Values

<Batchname>

The name assigned to batch when it was created.

Type: String

<BatchID>

The unique identification number assigned to batch by the Intelligent Capture Server.

Type: Integer

<Description>

The description of the batch as specified when the batch was created or as later modified.

Type: String

<IABatchComboChoices>

When creating a batch that is associated with multiple FormWare jobs, this value contains the list of jobs that are displayed in the <IABatchComboTitle> list in the **New Intelligent Capture Batch** window. The result of the choice made in the <IABatchComboTitle> list is then stored in <IABatchComboResult> when the batch is created.

Type: String

The string is formatted into pairs of values delimited by tabs [chr\$(9)] and carriage returns [chr\$(13)]. Each value precedes a choice. For example, when three choices are presented to the user, the string would be:

```
<value1><tab><choice1><cr><value2><tab><choice2><cr><value3><tab><choice3>
```

If there is only one value choice pair in <IABatchComboChoices> (that is, only a single FormWare job), the <IABatchComboTitle> list does not appear in the **New Intelligent Capture Batch** window, but the single job name is stored in <IABatchComboResult> when the batch is created. If multiple value choice pairs with identical values exist in the field, all choices appear in the <IABatchComboChoices> list.

<IABatchComboResult>

When creating a batch that is associated with one or more FormWare jobs, this value contains the job that the user selected from the <IABatchComboChoices> list in the **New Intelligent Capture Batch** window.

Type: String

If this IA Value contains an empty or invalid setting, the first value in the <IABatchComboTitle> field is selected as the default.

After a batch is created, <IABatchComboResult> is set in the newly created batch and contains the value selected by the user from the <IABatchComboTitle> field.



Note: Select the **Auto Batch Creation** option to use the value of <IABatchComboResult> as the default value for each batch created.

<IABatchComboTitle>

The title displayed for the <IABatchComboChoices> list in the **New Intelligent Capture Batch** window when creating a batch that is associated with multiple FormWare jobs.

Type: String

<Priority>

The priority of the batch (default 50).

Type: Integer

<ProcessName>

The name of the process from which the batch was created.

Type: String

6.2.1 Classification Module Non-MDF IA Values

Classification Non-MDF IA Values

<ContinueAfterError>

Aborts the current task and returns an appropriate <ExportResult> IA Value.

- **Attributes:** String
-

<DpProject>

The full path to and name of an existing Recognition project file (*DPP*) to use to process tasks for this module step. DpProject can be set at the TASK level (to override the value set in the STEP values).

- **Attributes:** String
-

<IAValuesLevelChecked>

Contains the **External Value** levels selected in the **Filter** listbox during setup. For example, if you select the Level 7 and Level 0 **External Values** check boxes in the **Setup** panel, then <IAValueLevelChecked> = 0,7.

- **Attributes:** String
-

<IAValuesLvl0>

Returns the list of level 0 **external values** selected during module setup.

- **Attributes:** String
-

<IAValuesLvl1>

Returns the list of level 1 **external values** selected during module setup.

- **Attributes:** String
-

<IAValuesLvl7>

Returns the list of level 7 **external values** selected during module setup.

- **Attributes:** String
-

<IsSetup>

Indicates whether this module step has been run in setup mode.

- **Attributes:** String
-

<OutputInstanceName>

Available only when the **Output to another step** option is selected during module setup. Returns the name of the module step where IA Values from this step are copied.

- **Attributes:** String
-

<PromptWhenError>

When true, displays a prompt to the operator when an error occurs and suspends processing until the operator responds to the error. Corresponds to the **Prompt for an action** option selected during module setup.

- **Attributes:** String

<ResetPriority>

When true, takes the batch offline and prevents further processing by any module until the administrator resets the batch priority. Corresponds to the **Set the batch priority to 0** option selected during module setup.

- **Attributes:** String

<RetryCount>

Number of time tasks have been retried by this module step.

- **Attributes:** String

<SkipProcessed>

Returns an appropriate <ExportResult> IA Value for the node in which the error occurred which is evaluated by instructions in the *IPP* Finish event handler. Corresponds to the **Skip node that produced the error and continue with remaining nodes** option selected during module setup.

- **Attributes:** String

<StopReceivingAfterError>

When True, the module step stops receiving tasks after current task after an error occurs during processing.

- **Attributes:** String

<SetBatchError>

Sets the batch to an error status and prevents further processing by the module until the administrator clears the error.

<ProcessBacksideAsPages>

Backside pages to be processed as individual pages (that is, frontside pages).

- **Attributes:** String
-

6.2.2 Collector Module Non-MDF IA Values

Collector Non-MDF IA Values

<DpProject>

The full path to and name of an existing Recognition project file (*DPP*) to use to process tasks for this module step. DpProject can be set at the TASK level (to override the value set in the STEP values).

- **Attributes:** String

<ProcessBacksideAsPages>

Backside pages to be processed as individual pages (i.e, frontside pages).

- **Attributes:** String

<SetBatchError>

Sets the batch to an error status and prevents further processing by the module until the administrator clears the error.

<StopReceivingAfterError>

When True, the module step stops receiving tasks after current task after an error occurs during processing.

- **Attributes:** String

<SkipProcessed>

Returns an appropriate <ExportResult> IA Value for the node in which the error occurred which is evaluated by instructions in the *IPPF* finish event handler. Corresponds to the **Skip node that produced the error and continue with remaining nodes** option selected during module setup.

- **Attributes:** String

<RetryCount>

Number of time tasks have been retried by this module step.

- **Attributes:** String

<PromptWhenError>

When true, displays a prompt to the operator when an error occurs and suspends processing until the operator responds to the error. Corresponds to the **Prompt for an action** option selected during module setup.

- **Attributes:** String

<IsSetup>

Indicates whether this module step has been run in setup mode.

- **Attributes:** String
-

Chapter 7

Client Configuration Settings

Many module characteristics can be adjusted by changing values in the `settings.ini` or `win.ini` files. Modules access these files either directly or indirectly through the `IAC1nt32.dll`. The `IAC1nt32.dll` uses these values to control network settings, cache settings, and many other settings. A common setting is `iaclientdebug` that controls how events are logged.



Note: Modules new in 7.0 do not use these settings.

The following modules use the `settings.ini` file:

- .NET Code
- Documentum Advanced Export
- Image Converter
- NuanceOCR
- RescanPlus
- ScanPlus
- Web Services Input and Output

All other modules use parameters in the `win.ini` file.

Both the `settings.ini` and `win.ini` files are installed with minimal entries. Parameters not set in these files use the default setting. To change any of these parameters, add the parameter and its value to the appropriate configuration file.



Caution

Before changing parameters, make a backup copy of the `settings.ini` or `win.ini` file. Exercise caution whenever changing any parameters in these files. The procedures in this topic assume that you are an experienced *IT* professional. Incorrectly setting parameters could result in loss of data or system instabilities. We do not recommend changing any parameters unless instructed to do so by OpenText Global Technical Services.



Note: To modify the operation of a module, edit the `[InputAcce1]` section of the `settings.ini` or `win.ini` file on each client machine.

7.1 Modifying Parameters in the settings.ini File

The settings.ini file is located in: C:\ProgramData\EMC\InputAcce1\settings.ini

To modify parameters in settings.ini:

1. Shut down any client modules running on the machine.
2. Open the settings.ini file in a text editor. The contents of a typical settings.ini file is similar to:

```
[INPUTACCEL] MachineName=IDEV-WS03-IA65 ServerName=PA-WS03-ia65rtm UnifiedLogin=1  
LastUsedImportDirectory=C:\Program Files\InputAcce1\Client\images\test
```

However, note that the file may be empty or may contain more or different parameters.

3. Locate the [InputAcce1] section in the file. If the file does not yet contain an [InputAcce1] section, add one.
4. Locate the parameter to modify and change the value as required. If the parameter is not present in the file, add a new line within the [InputAcce1] section in the format *<parameter_name>=<parameter_value>*, as shown in the following example:

```
MachineName=IAScanPlus01
```

Consult “[settings.ini Parameters](#)” on page 78 for a list of all available applicable parameters and valid values. The default values listed are used for all parameters that are not explicitly specified in the file.

5. Save the file and close the text editor.
6. Restart the client machine.

7.2 settings.ini Parameters

7.2.1 Module-specific Parameters


This section describes the settings.ini file parameters that are specific to particular modules or groups of modules.


7.2.1.1 General ScanPlus and RescanPlus Parameters

Table 7-1: General settings.ini Parameters for ScanPlus and RescanPlus

Parameter	Value Type	Value Default	Description
<i>SaveLayoutsLocally</i>	Integer	0	<p>Storing user layouts in the database allows accessing them from any client machine but slows down the server. This parameter lets user layouts be stored locally.</p> <ul style="list-style-type: none"> • 1: To store the user layout locally for the ScanPlus module • 2: To store the user layout locally for the RescanPlus module • 3: To store the user layout locally for the ScanPlus and RescanPlus modules

Parameter	Value Type	Value Default	Description
<ul style="list-style-type: none"> • <i>SPUndockControls</i> (for ScanPlus windows) • <i>RPUndockControls</i> (for RescanPlus windows) 	Integer	0	<p>These parameters enable the undocking feature in ScanPlus and RescanPlus. Set the value of the configuration parameter to the following:</p> <ul style="list-style-type: none"> • 1: To undock the File View window • 2: To undock the View Settings tab • 4: To undock the Scan Settings tab • 8: To undock the Batch Summary tab • 16: To undock the Indexing tab • 32: To restore the default layout <ul style="list-style-type: none"> – If you move a floating window/tab to a dual monitor and later switch to a single-monitor machine, setting the value of this parameter to 32 ensures that the window or tab returns to its default location. – If a floating tab or panel redocks in an incorrect location, use this value to reset all panels to their default locations. • 63: To undock all floating windows and tabbed panels


Parameter	Value Type	Value Default	Description
			<p>and to ensure they are restored to the default location when a new session starts</p> <p> Note: Combine the values for the parameter to enable undocking a combination of windows/tabs. For example, setting the <i>SPUndockControls</i> parameter to the value of 17 (1 + 16) undocks the File View window and the Indexing tab in ScanPlus.</p>

Parameter	Value Type	Value Default	Description
<i>SaveZoomedScrollbarsPositions</i>		0	<p>Controls whether the Zoom and Positions settings apply to the other pages when the user switches between pages.</p> <ul style="list-style-type: none"> • 0: When users switch to other pages, the Zoom and Positions settings do not apply to the other pages even though the Apply settings to all pages option is selected. • 1: When users switch to other pages, the Zoom and Positions settings apply to the other pages. <p>For this feature to work, the following is required:</p> <ol style="list-style-type: none"> 1. The Apply settings to all pages option is selected. 2. Configuration > Zone > Automatically zoom is not selected. 3. Configuration > Actions > Define rubberband zones is not selected. <p> Note: This feature overrides the Default File View Scaling settings.</p>

Parameter	Value Type	Value Default	Description
<i>YResDoubleThreshold</i>	Integer	63	<p>Automatically doubles the Y resolution of imported images that have a Y resolution within a certain percentage of half their X resolution. This enables the module to process standard mode fax images (which are approximately 200 <i>dpi</i> x 100 <i>dpi</i>) as images with equal X and Y resolutions.</p> <p>To disable Y-axis resolution doubling, set this value to 0.</p> <p>The value of <i>YResDoubleThreshold</i> determines the threshold at which the module no longer automatically doubles the Y resolution. The threshold is calculated as a percentage:</p> $\frac{YResDoubleThreshold}{1000}$ <p>When the difference between the X resolution and double the Y resolution is below this percentage, the Y resolution is doubled.</p> <p>For example:</p> <ul style="list-style-type: none"> The resolution of an image is 204 x 98 and <i>YResDoubleThreshold</i> is set to the default value of 63. The difference between the X

Parameter	Value Type	Value Default	Description
			resolution and twice the Y resolution is $(204 - (2 * 98)) / 204 = 3.92\%$ <ul style="list-style-type: none"> • The threshold is: $63 / 1000 = 6.3\%$ • Therefore, the Y resolution is doubled because 3.92% is less than 6.3%.
<i>PersistEndorserValueAcrossAllBatches</i>			Controls the resetting of the scanner Imprinter value. <ul style="list-style-type: none"> • 1: Imprinter value is not reset. • 0: Imprinter value is reset.

Parameter	Value Type	Value Default	Description
<i>EndorserCounters</i>	Integer	7	<p>Modifies the local Settings.ini file and forces a persistent counter (or counters) to be appended to the file. This parameter indicates how ScanPlus and RescanPlus each store their counters on the workstation where they are running.</p> <ul style="list-style-type: none"> • 1: There is one persistent counter per workstation. The counter is shared across all occurrences of ScanPlus and RescanPlus on that workstation and is independent of the scanner configuration that is being used. • 3: There are persistent counters for each module running on the workstation. Both ScanPlus and RescanPlus will have unique counters on that workstation and both of those counters will be sequential across all processes and independent of the scanner configuration being used.

Parameter	Value Type	Value Default	Description
			<ul style="list-style-type: none"> • 5: There are persistent counters for each scanner configuration being used on that workstation. If there are three different scanner configurations being used across several processes, then there will be three different sequential counters stored in the <code>Settings.ini</code> file. • 7: Copy the current counter value from database to the <code>Settings.ini</code> file for the module being used. <p> Notes</p> <ul style="list-style-type: none"> • For values 1, 3, and 5, the counters are retrieved from the <code>Settings.ini</code> file unless the counter is not found and in that case, the counter is retrieved from the database and then copied to the <code>Settings.ini</code> file.

Parameter	Value Type	Value Default	Description
			<ul style="list-style-type: none"> In addition, with the case of Option 1, the counter in the database that is associated with the first process that is selected to create a batch on that workstation will set the initial value of the counter when there is no counter present in the Settings.ini file.
<i>AllowPointInImprint</i>	integer		<p>Controls whether the '.' symbol is available in the Endorser template.</p> <ul style="list-style-type: none"> 1: All '.' symbols is maintained in the endorser's template 0: All '.' symbols are removed from the endorser's template before scanning
<i>ActionSecurityPolicy</i>	integer		<ul style="list-style-type: none"> 1: Allows JavaScript in HTML files to run. 0: Does not allow JavaScript in HTML files to run.

Parameter	Value Type	Value Default	Description
<i>WaitFeederEmpty</i>	integer	10	<p>Specifies the maximum number of pages that a scanner can add to its buffer after the user stops scanning. The scanner driver must support the feeder pause option and its ScanAhead feature must be set to false.</p> <p>For very fast scanners that support the feeder pause option, you should specify a value greater than 10 pages.</p> <p>For scanners that do not support the feeder pause option, you should specify 0 (zero) pages. A value of 0 means that after the user stops scanning, ScanPlus retrieves pages from the scanner buffer according to the PixTools for Web ScanAhead.PageCount parameter (as long as a feeder empty exception does not occur).</p>

7.2.1.2 ScanPlus and RescanPlus Parameters for Blank Page Detection

Table 7-2: ScanPlus and RescanPlus settings.ini Parameters for Blank Page Detection

Parameter	Value Type	Value Default	Description
<i>TopMargin</i>	integer	0	<p>The margins, in 1/100 inch, at the top of the page. Area inside the margin is not counted in the clump and transitions tests.</p> <p>If the top and bottom margins overlap, the page is always considered blank.</p>
<i>BottomMargin</i>	integer	0	<p>The margins, in 1/100 inch, at the bottom of the page. The default is 0. Area inside the margin is not counted in the clump and transitions tests.</p> <p>If the top and bottom margins overlap, the page is always considered blank.</p>
<i>LeftMargin</i>	integer	25	<p>The margins, in 1/100 inch, on the left edge of the page. The default is 0.25 inch. Area inside the margin is not counted in the clump and transitions tests.</p> <p>If the left and right margins overlap, the page is always considered blank.</p>

Parameter	Value Type	Value Default	Description
<i>RightMargin</i>	integer	25	The margins, in 1/100 inch, on the right edge of the page. The default is 0.25 inch. Area inside the margin is not counted in the clump and transitions tests. If the left and right margins overlap, the page is always considered blank.
<i>ThresholdBrightness</i>	integer	65	Determines the brightness at which color pixels are converted to white rather than black. This property is used when a color image is converted to a black and white image.
<ul style="list-style-type: none"> • <i>SuppressBlankPageDetection</i> • <i>SuppressBlankPageDetection<process_id></i> Example: <i>SuppressBlankPageDetection565800</i> where 565800 is the process ID • <i>SuppressBlankPageDetection<batch_id></i> Example: <i>SuppressBlankPageDetection20100</i> where 20100 is the batch ID 		0	Set the value of the configuration parameter to the following: <ul style="list-style-type: none"> • 0: do not suppress usage blank page detection • 1: suppress blank page detection on the front page • 2: suppress blank page detection on back side page • 3: suppress blank page detection on both the front and back pages
<i>ThresholdContrast</i>	integer	50	Determines the contrast of the resulting black and white image when a color image is converted to a black and white image.

Parameter	Value Type	Value Default	Description
<i>BPDUseAdvancedSettings</i>	Boolean	0	Activates the Black Page Detection (BPD) advanced settings (listed below). Values: <ul style="list-style-type: none"> • 1: BPD settings activated • 0: BPD settings deactivated
<i>autoDespeckle</i>	Boolean	0	[BPD] Enables the automatic despeckling algorithm. Values: <ul style="list-style-type: none"> • 1: enabled • 0: disabled
<i>blackRunReject</i>	Boolean	0	[BPD] Enables the rejection of areas of large black speckles. Values: <ul style="list-style-type: none"> • 1: enabled • 0: disabled
<i>lineNoiseLevel</i>	integer	0	[BPD] Determines the number of black pixels for a clump to be continued.
<i>maxBlackRun</i>	integer	0	[BPD] Determines the maximum length (in pixels) for an area of black speckles.
<i>maxClumps</i>	integer	0	[BPD] Determines the maximum clump length (in pixels).
<i>maxTransitions</i>	float	0.0	[BPD] Determines the maximum transitions threshold.
<i>minClumpLength</i>	integer	0	[BPD] Determines the minimum clump length (in pixels).
<i>noiseSize</i>	integer	0	[BPD] Determines the size of the noise blob.

7.2.1.3 ScanPlus and RescanPlus Parameters for Patch Code Detection

The following `settings.ini` parameters enable ScanPlus and RescanPlus to refine control of the software patch code detection algorithms. Set these parameters using test and validation or a special configuration program to improve patch code reading performance and accuracy.

Table 7-3: ScanPlus and RescanPlus settings.ini Parameters for Patch Code Detection

Parameter	Value Type	Value Default	Description
<i>PatchCodeMinBarWidth</i>	Integer	0	This parameter specifies the minimum width (or slice) of a patch code in units of 1/100 inch. If this value is non-zero, it is recommended that you start with a value of 6. Set the <i>PatchCodeMaxBarWidth</i> parameter whenever this value is non-zero. When this parameter is 0, the algorithm uses its default minimum width value.
<i>PatchCodeMaxBarWidth</i>	Integer	0	This parameter specifies the maximum width (or slice) of a patch code in units of 1/100 inch. If this value is non-zero, it is recommended that you start with a value of 30. Set <i>PatchCodeMinBarWidth</i> parameter whenever this value is non-zero. When this parameter is 0, the algorithm uses its default minimum width value.

Parameter	Value Type	Value Default	Description
<i>PatchCodeOrientation</i>	integer	0	<p>This parameter can be used to optimize patch code detection speed.</p> <p>The default value of 0 indicates that patch codes are detected in both vertical and horizontal orientation. A value of 1 indicates that patch codes are only detected in horizontal orientation. A value of 2 indicates that patch codes are detected in vertical orientation.</p> <p>When 0 is used, the algorithm searches for vertical patch codes, then searches for horizontal patch codes.</p>
<i>PatchCodeUseRegion</i>	integer	0	<p>When this parameter is set to 1, the patch code search is confined to a rectangular region on the page as defined by the following parameters:</p> <p><i>PatchCodeRegionLeft</i> , <i>PatchCodeRegionTop</i> , <i>PatchCodeRegionHeight</i> , <i>PatchCodeRegionWidth</i> .</p>
<i>PatchCodeRegionLeft</i>	integer	0	<p>Specifies the extent of the patch code recognition region when <i>PatchCodeUseRegion</i> is set to 1.</p> <p>Region units are in 1/1200th of an inch.</p>

Parameter	Value Type	Value Default	Description
<i>PatchCodeRegionTop</i>	integer	0	Specifies the extent of the patch code recognition region when <i>PatchCodeUseRegion</i> is set to 1. Region units are in 1/1200th of an inch.
<i>PatchCodeRegionHeight</i>	integer	0	Specifies the extent of the patch code recognition region when <i>PatchCodeUseRegion</i> is set to 1. Region units are in 1/1200th of an inch.
<i>PatchCodeRegionWidth</i>	integer	0	Specifies the extent of the patch code recognition region when <i>PatchCodeUseRegion</i> is set to 1. Region units are in 1/1200th of an inch.

7.2.2 System Parameters

This section describes the system `settings.ini` file parameters.

7.2.2.1 Image Parameters

Table 7-4: settings.ini Image Parameters

Parameter	Value Type	Value Default	Description
<i>NetBufferSizeMB</i>	long	100 <i>MB</i>	<p>Specifies memory usage when sending or receiving large amounts of data.</p> <p>If the size of incoming data exceeds the value set for network buffer size, the data is temporarily buffered to disk.</p> <p>If the size of a file being sent to the Intelligent Capture Server exceeds the value set for network buffer size, portions of the file are stored in memory.</p> <p>By default this value is set to 100 MB.</p>

7.2.2.2 Caching Parameters

The following `settings.ini` parameters affect how modules cache tasks while running in production mode.

Table 7-5: settings.ini Parameters Used for Caching Tasks

Parameter	Value Type	Value Default	Description
<i>CacheCount</i>	integer	200000	<p>Specifies the number of IA Values and other items that the client caches locally. Value range is 256 and greater. There is not a fixed upper limit.</p>

Parameter	Value Type	Value Default	Description
<i>CacheSize</i>	long	10485760	Specifies the size in bytes of the local values cache for IA Values and other items. The value range is 8192 and greater. There is not a fixed upper limit.
<i>DisableCacheFlush</i>	integer	1	When set to 1, the normal CacheFlush mechanism is disabled. Instead, the <i>IAClient</i> determine when cache flushes occur, which makes prefetching more effective. Use this setting for modules that normally call <i>IAValueCacheFlush</i> and <i>IATreeCacheFlush</i> between tasks. Otherwise, when set to 0, the CacheFlush mechanism is enabled.
<i>FileCacheSize</i>	integer	8	Determines the number of files cached in local memory. To increase performance, reduce this value when processing large file sizes. To enable scanning of large images (over 50 MB), change this value to 1.

Parameter	Value Type	Value Default	Description
<i>MemoryEstimationFactor</i>	double	0.4	Defines how ScanPlus reserves memory during image processing. The value range is 0.0 to 1.0. If there is no definition in <code>settings.ini</code> , by default, this value = 0.4. In most cases, the default value is suitable and the user does not need to change it. When this value = 0.0, ScanPlus considers that memory is not a limitation and optimizes performance. This policy can be suitable when using the ScanPlus module to scan several small images on a machine with a large amount of memory. When this value = 1.0, ScanPlus does not start processing the next image until the current image is sent to server. This setting minimizes memory usage but can slow performance. This setting is useful when processed images require a large amount of memory.

Parameter	Value Type	Value Default	Description
			The variable <i>FileCacheSize</i> specifies how many files can be cached in memory cache on client machine. Set <i>MemoryEstimationFactor</i> to 0.4 (default value) and <i>FileCacheSize</i> to 1 in the <i>Settings.ini</i> file to enable users to scan and send images (size A2, 24-bit color, 300 dpi, uncompressed) using a machine with 2 MB RAM to the Intelligent Capture Server.
<i>MaxCacheRequest</i>	integer	2000	Controls the maximum number of values requested at one time. When the number requested is larger than the value specified for this setting, then values are requested in chunks. For example, if the number of values requested is 2000, and the setting is 100, then only 100 values at a time are requested through the server.
<i>PixRamBufSize</i>	integer	16384	Specifies the chunk size, in bytes, for files that are cached in memory by the client. It is recommended that this size match the size of <i>PixNetBufSize</i> parameter. The range for this value is from 2048 to 131072.

Parameter	Value Type	Value Default	Description
<i>PrefetchDefault</i>	long	2	Specifies the number of tasks prefetched when a module requests that IACInt32.dll fetch a task from the Intelligent Capture Server. By default, IACInt32.dll prefetches two tasks in addition to the requested task. Therefore, in the Intelligent Capture Administrator module, three tasks display a status of Working when a module is actually processing only a single task at a time. Set <i>PrefetchDefault=0</i> , to force the module running on this machine to receive only the actual task it requests.
<i>PrimeMaxFiles</i>	integer	5	Maximum number of files that are prefetched per task. The number of files is also subject to the <i>PrimeMaxNodes</i> parameter.
<i>PrimeMaxNodes</i>	integer	10	The maximum number of nodes that are prefetched per task and the maximum number of values and files that are prefetched for the specified number of nodes.

Parameter	Value Type	Value Default	Description
<i>PrimeMaxValues</i>	integer	500	Maximum number of values that are prefetched per task. The number of values is also subject to the <i>PrimeMaxValueSize</i> and <i>PrimeMaxNodes</i> parameters. There is one Meta key per value definition.
<i>PrimeMaxValueSize</i>	long	50000	Maximum total size of values that are prefetched per task, including parameters.
<i>TaskCacheCount</i>	integer	511	Controls the number of values that can be cached for a single task by a module. Under certain circumstances, when a task has more values than the specified amount, then a value changed by the module can be replaced by its original value. The range of this value must fall from 256 through 4096 inclusive. You can change the <i>TaskCacheSize</i> with this value.
<i>TaskCacheSize</i>	long	256000	Specifies the size of each task cache in bytes. Increase this value, in bytes, when the <i>TaskCacheCount</i> is increased. The range of this value must fall between 8192 bytes and 16 MB.


7.2.2.3 Debugging Parameters

The debugging Settings.ini parameters are:

Table 7-6: Settings.ini Debugging Parameters


Parameter	Value Type	Value Default	Description
<i>ClientLogFileSize</i>	long	100000000	<p>Specifies the size of the client log file that is written when <i>IAClientDebug</i> is enabled. The default size is 100 MB. To specify an unlimited log file size (not recommended), set this parameter to 0.</p> <p>When the log file reaches its maximum specified size, it wraps around, overwriting the oldest entries in the file. Regardless of the size specified, it extends the log file to hold the entire current log entry before wrapping.</p>

Parameter	Value Type	Value Default	Description
<i>IAClientDebug</i>	integer	0	<p>Controls the level and type of IAClient message debugging on the client. Combine the values for this key to enable different types of logging. For example, setting this parameter to the value of 17 (1 + 16) creates separate log files in Common Application data folder.</p> <ul style="list-style-type: none"> • 1: Log debugging information to the IAClient.LOG in the Common Application Data folder. • 2: Log queue depth status to a special dialog • 8: Each session appends to the log file rather than overwrites. To control the size of the client log file, see the <i>ClientLogFileSize</i> parameter. • 16: Each session that connects to IACInt32.dll creates a separate log file. For example, each session of a client module creates a separate log file. • 32: Writes the log file to disk after every log entry is written. The default behavior is not to use this setting and allow Windows to determine when

Parameter	Value Type	Value Default	Description
			<p>to write to disk. This behavior improves performance.</p> <p> Note: With the default behavior, the last few log entries may be lost when client modules stop unexpectedly.</p>
<i>ClientLogFile</i>	string	Common Application Data folder	<p>Overrides the default name and location of the client log file. For example, specifying <i>ClientLogFile=d:\logfiles\MyIaLog.log</i> in the <code>settings.ini</code> file writes the <code>MyIaLog.log</code> log file to <code>d:\logfiles</code> instead of the default <code>IACLIENT.LOG</code> file in the Common Application Data folder.</p>

7.2.2.4 Module Startup Parameters

Table 7-7: settings.ini Module Startup Parameters


Parameter	Value Type	Value Default	Description
<i>MachineName</i>	string	none	<p>The name of the client machine.</p> <p> Note: This parameter is deprecated and is only referenced by 16-bit client modules.</p>
<i>ServerName</i>	string	NTServer	The name of the Intelligent Capture Server.

Parameter	Value Type	Value Default	Description
<i>UserName</i>	string	"username"	The name of the user connected to the Intelligent Capture Server on this machine.
<i>Domain</i>	string	none	Specifies the domain used to connect to an Intelligent Capture Server. The parameter is used in conjunction with modules that call the <code>IALoginDialogEx API</code> in <code>IACLNT32.DLL</code> . Modules using this dialog can be identified by the presence of the Use Windows Login check box in their login dialog.
<i>Language</i>	string	Windows default language code	Specifies the Windows language code which causes client modules new in Intelligent Capture 6.0 and later to load the language strings matching the requested language. If the selected language is not available, the default language is set by the user's regional settings.
<i>UnifiedLogin</i>	integer	0	When the parameter is set to 0, the Use Windows Login check box is not checked. When the parameter is set to 1 and a module is using the <code>IALoginDialogEx API</code> in <code>IACLnt32.dll</code> , the Use Windows Login check box is checked.

7.2.2.5 Networking Parameters

Table 7-8: settings.ini Client-Server Networking Parameters


Parameter	Value type	Value default	Description
<i>AsyncRequest</i>	integer	100	Specifies the number of node IDs requested when the count in the local node ID cache goes below <i>AsyncThreshold</i> .
<i>AsyncThreshold</i>	integer	50	Specifies the point at which the client requests more nodes from the server. When the local node ID cache reaches the level specified by this value, the client requests <i>AsyncRequest</i> more node IDs.
<i>ConnectDelay</i>	integer	10000	Specifies the maximum delay in milliseconds that the client waits while establishing an Intelligent Capture Server connection. The symptom of too small a value is a "Waiting for response from server" message box that displays immediately after trying to log in with a user name and password. Setting a longer delay alleviates this problem.

Parameter	Value type	Value default	Description
<i>IgnoreServerMessages</i>	Integer	0	<p>Specifies the server-originated messages that are displayed on the client machine.</p> <p> Notes</p> <ul style="list-style-type: none"> • All messages are still sent to the client. This parameter only controls which of those messages are displayed. • Starting with value 1, the messages displayed are cumulative (that is, all messages displayed at the previous values are also displayed). <p>Valid values are as follows.</p> <ul style="list-style-type: none"> • 0: All messages are displayed. • 1: Only disk space warning messages are displayed. • 2: License warning messages (including page usage reaching the grace amount of 115%) are displayed. • 3: The following messages are displayed: <ul style="list-style-type: none"> – Page usage greater than 100%.

Parameter	Value type	Value default	Description
			<ul style="list-style-type: none"> – License expiration in 0 days. • 4: The following messages are displayed: <ul style="list-style-type: none"> – Page usage equal to 100%. – License expiration in 1 day. • 5: The following messages are displayed: <ul style="list-style-type: none"> – Page usage equal to or greater than 98%. – License expiration in 2 days. • 6: The following messages are displayed: <ul style="list-style-type: none"> – Page usage equal to or greater than 96%. – License expiration in 3 days. • 7: The following messages are displayed: <ul style="list-style-type: none"> – Page usage equal to greater than 94%. – License expiration in 4 days. • 8: The following messages are displayed: <ul style="list-style-type: none"> – Page usage equal to or greater than 92%.

Parameter	Value type	Value default	Description
			<ul style="list-style-type: none"> - License expiration in 5 days. • 9: The following messages are displayed: <ul style="list-style-type: none"> - Page usage equal to or greater than 90%. - License expiration in 6 days. • 10: The following messages are displayed: <ul style="list-style-type: none"> - Page usage equal to or greater than 85%. - License expiration in 7 days. • 11: The following messages are displayed: <ul style="list-style-type: none"> - Page usage equal to or greater than 80%. - License expiration in 14 days. • 12: The following messages are displayed: <ul style="list-style-type: none"> - Page usage equal to or greater than 75%. - License expiration in 30 days.

Parameter	Value type	Value default	Description
<i>NetWaitDialog</i>	integer	5000	Specifies the delay in milliseconds before the "Waiting for response from Server" message box displays when the client is waiting for a server response. Valid values range from 1000 to 60000 ms (1 second to 60 seconds).
<i>PixNetBufSize</i>	integer	32120	Specifies the size in bytes of the internal client network read and write buffers. The range of this value is between 2048 and 32120 bytes.
<i>PixNetLow</i>	integer	0	Specifies the minimum size of the internal network message cache.
<i>PixNetHigh</i>	integer	40	Specifies the maximum size of the internal network message cache.
<i>PreRequest</i>	integer	100	Specifies the number of node IDs requested for the local node ID cache each time scanning is started.
<i>ReconnectTime</i>	integer	120000 The default time that must elapse (in milliseconds) between attempts to reconnect to an Intelligent Capture Server within a ScaleServer group.	Specifies the number of milliseconds that must elapse between attempts to reconnect to a single Intelligent Capture Server or an Intelligent Capture Server within a ScaleServer group. This value also applies to a module started with a single server using the <i>-autoreconnect</i> command line parameter.

Parameter	Value type	Value default	Description
		<p>3000</p> <p>The default time that must elapse (in milliseconds) between attempts to reconnect to a single Intelligent Capture Server.</p>	<p> Notes</p> <ul style="list-style-type: none"> • If <i>ReconnectTime</i> is changed to 120000, then: <ul style="list-style-type: none"> – 120000 milliseconds must elapse between attempts to reconnect to a server in a ScaleServer group. – 3000 milliseconds must elapse between attempts to reconnect to a single Intelligent Capture Server. • If <i>ReconnectTime</i> is changed to a value other than 120000, then the time (in milliseconds) equal to the changed value must elapse between attempts to reconnect to a single Intelligent Capture Server or an Intelligent Capture Server within a ScaleServer group.

Parameter	Value type	Value default	Description
<i>SecurityPackage</i>	string	Negotiate	Specifies the method of secure communication used with the Intelligent Capture Server. The options are Negotiate, <i>NTLM</i> and Kerberos. The default setting, Negotiate, allows client and server to negotiate either Kerberos or NTLM as the authentication protocol. Before implementing the Kerberos security package the client module must configure a service principal name (<i>SPN</i>) using the guidelines described in http://msdn.microsoft.com/en-us/library/aa378747(v=VS.85).aspx .
<i>SockBufSize</i>	integer	64240	Sets the WinSock buffer size, in bytes, for the socket used by the client-server connection. The range of this value is between 2K and 64K bytes.
<i>SyncRequest</i>	integer	10	Specifies the number of node IDs requested when the count in the local node ID cache goes to zero. Usually, this request only takes place when a server is slow to respond.

Parameter	Value type	Value default	Description
<i>TcpNoDelay</i>	integer	1	<p>When nagling is enabled, <i>TCP/IP</i> is able to send small consecutive packets going in one direction more efficiently by grouping them together. Nagling slows down most client connections.</p> <p>Options:</p> <ul style="list-style-type: none"> • 0: Enable network nagling • 1: Disable nagling

7.2.2.6 ScaleServer Parameters

Table 7-9: settings.ini ScaleServer Parameters

Parameter	Value Type	Value Default	Description
<i>ReleasingTasksTime</i>	long	none	<p>Specifies the number of seconds to retain a queued task on a client machine.</p> <p>Client modules prefetch tasks from connected Intelligent Capture Servers so that they can perform additional tasks as soon as the current task is finished, without waiting for another task to be received from the Intelligent Capture Server.</p> <p>The prefetch algorithm uses the <i>PrefetchDefault</i> caching parameter and divides it by the number of servers in the ScaleServer Group. The result is the number of tasks prefetched from the ScaleServer Group. Therefore, if the <i>PrefetchDefault</i> value is two tasks, and the number of servers in the ScaleServer Group is two. Then two tasks are prefetched from the ScaleServer Group.</p> <p>If the result of dividing the <i>PrefetchDefault</i> value by the number of servers results in a fraction of a task, the number is rounded up. If you have a <i>PrefetchDefault</i> value of two and three servers in the</p>

Parameter	Value Type	Value Default	Description
			<p>ScaleServer Group, one task would be prefetched from each server, giving three prefetched tasks.</p> <p>The <i>ReleasingTasksTimer</i> key enables users to specify a timeout, in seconds, after which the tasks in the prefetch queue are examined. If the number of tasks is greater than the value set by the <i>PrefetchDefault</i> parameter (or its default value), then the extra tasks are returned to the Intelligent Capture Server on a last-in first-out basis.</p>

7.3 Modifying Parameters in the win.ini File

Depending on the original Windows version installed, the win.ini file is located in either the Windows or WINNT directory.

To modify parameters in win.ini:

1. Shut down any client modules running on the machine.
2. Open the win.ini file in a text editor. The contents of a typical win.ini file is similar to:

```

. . . [<other_sections>] . . . [InputAcce1] IABCopyPause=3 OriginalBorderRemoval=0
ServerName=IDEV-WS03-IA65 . . .
    
```

Note that the file may contain more or different parameters, as well as sections for other applications unrelated to Intelligent Capture.

3. Locate the [InputAcce1] section in the file. If the file does not yet contain an [InputAcce1] section, add one at the end of the file.
4. Locate the parameter to modify and change the value as required. If the parameter is not present in the file, add a new line within the [InputAcce1] section in the format *<parameter_name>=<parameter_value>*, as shown in the following example:

```

MachineName=IAScanPlus01
    
```

Consult “win.ini Parameters” on page 115 for a list of all available applicable parameters and valid values. The default values listed are used for all parameters that are not explicitly specified in the file.

5. Save the file and close the text editor.
6. Restart the client machine.

7.4 win.ini Parameters

7.4.1 Module-specific Parameters

This section describes the win.ini file parameters that are specific to particular modules or groups of modules.

7.4.1.1 Module Startup Parameters

Table 7-10: win.ini Module Startup Parameters

Parameter	Value type	Value default	Description
<i>Locale</i>	integer	Windows language code	Specifies the Windows language code, which causes the Intelligent Capture Server or client modules available prior to release 6.0 version to load the language strings matching the requested language. For example, 1031 selects German.

7.4.1.2 Copy Module Parameters

Table 7-11: win.ini Parameters for the Copy Module

Parameter	Value Type	Value Default	Description
<i>IABCopyPause</i>	integer	0	<p>Specifies the number of seconds the Copy module waits between the completion of copying the batch and performing post-copy administrative tasks. Sometimes the batch file may still be open as a result of the copy and a delay ensures all files are closed.</p> <p>A value of three seconds is recommended if errors occur while post-copy tasks are performed on the source or destination server.</p>
<i>IACopyWaitTrigger</i>	integer	60	<p>Specifies the network time-out period in seconds, for the Copy module. Increase this value when the Copy module is used with slower communication methods, such as an analog dial-up connection.</p>

7.4.1.3 FileNet Panagon IS/CS Export Module Parameters

Table 7-12: win.ini Parameters for the FileNet Panagon IS/CS Export Module

Parameter	Value Type	Value Default	Description
<i>EnhancedBatchNaming</i>	Integer	1	Enables/disables enhanced batch naming. Used to enhance batch traceability by using IA batch identifier in the FileNet Panagon IS/CS Export batch name. <ul style="list-style-type: none"> • 0: Off • 1: On
<i>FileNetAllowRequiredIndex</i>	NumericZero	0	Specifies whether zero is a valid index setting. Modifies the default behavior of FileNet Panagon IS/CS Export. The default behavior does not allow a 0 setting for a required FileNet Panagon IS/CS Export index. To override this behavior, set the value to 1 in the win.ini file. <ul style="list-style-type: none"> • 0: Disallow • 1: Allow
<i>ExFNSuppressMessage</i>	Integer	0	Specifies whether an export of more than a 1000 pages to the server must be done in silent mode: <ul style="list-style-type: none"> • 0: A message is displayed expecting user input • 1: Suppress the message box expecting response from the user.

7.4.1.4 Export for IBM Content Manager Module Parameters

Table 7-13: win.ini Parameters for the Export for IBM Content Manager Module

Parameter	Value Type	Value Default	Description
<i>ExICMCustomSearchQuery</i>	Integer	0	<p>Enables the use of a custom search query format for DB2 z/OS. The Export for IBM Content Manager module uses queries that contain the INTERSECT keyword. This keyword is invalid in configurations where the CM server is running against DB2 z/OS library server.</p> <ul style="list-style-type: none"> • 0: the module uses the INTERSECT keyword in queries. • 1: the module does not use the INTERSECT keyword.
<i>ExICMSkipChildIfEmpty</i>	Integer	0	<p>Specifies whether to create all configured child components in the IBM Content Manager repository upon export.</p> <ul style="list-style-type: none"> • 0: Create all configured child components in the repository regardless of whether they exist in a task. • 1: Create child components in the repository only for those child components that exist when a task is exported.

Parameter	Value Type	Value Default	Description
<i>ExICMNoMimeConversion</i>	Integer	0	<p>Specifies whether to convert <i>MIME</i> types.</p> <ul style="list-style-type: none"> • 1: Use the exact MIME type specified during export module setup. If the specified MIME type does not match any MIME types defined in the Export for IBM Content Manager module will generate an error. • 0: Check whether the MIME type specified during export module setup is incorrectly defined as one of the following three-letter extensions. If it is, then automatically convert the three-letter extension into the corresponding MIME type. If the MIME type does not match any of the three-letter extensions, the file is passed on to the IBM Content Manager server unmodified, and will generate an error if it is not valid. • <i>PDF</i>: application/pdf • <i>DOC</i>: application/msword • <i>TIF</i>: image/tiff

Parameter	Value Type	Value Default	Description
			<ul style="list-style-type: none"> • <i>RTF</i>: application/rtf • <i>TXT</i>: text/plain • <i>XML</i>: text/xml
<i>ExICMChangedAddingElement</i>	Integer	0	<p>Specifies the order of attributes export required after an upgrade from Intelligent Capture 5.3 versions to Intelligent Capture 6.0 versions.</p> <ul style="list-style-type: none"> • 0: The new order of attributes export is required. • 1: The previous order of attributes export is required.

7.4.1.5 Microsoft SharePoint Server Compatible Export Module Parameters

This section lists the Win .ini parameters specific to the Microsoft SharePoint Server Compatible Export module.

Table 7-14: Win.ini Parameters for the Microsoft SharePoint Server Compatible Export Module

Parameter	Value Type	Value Default	Description
<i>ShrptDisableFolderVerification</i>	Integer	0	<p>Controls whether the Microsoft SharePoint Server Compatible Export module verifies and enumerates all the folders on the SharePoint Server.</p> <ul style="list-style-type: none"> • 0: Enables the functionality to verify that folders exist on the SharePoint server. This may cause module setup to be slow and therefore cause some performance issues. • 1: Disables the functionality to verify that folders exist on SharePoint server. This value can result in better module performance during module setup.

Chapter 8

Error Messages and Log Codes

The error and log code library consists of three sections. The first section are the common errors, used by all client modules. The second section defines the error categories and the modules associated with the categories. The third section contains the category, log code, and the log or error message generated by client modules and captured through the logging subsystem.

The following section displays errors, warnings, and audit messages logged by client modules and other system components. The categories are defined in “[Error Code Categories](#)” on page 146. Some messages contain variables such as “<%1>” which are populated when the message is displayed or recorded. Log codes are required when setting up log rules in Intelligent Capture Administrator to specify the event and message to log.

8.1 Common Errors

The following table contains a list of errors.

Table 8-1: Common Client Module Error Messages

Error No.	Constant	String
1	FileNet IS/CS module	Problem with the FileNet index value set from and IAValue (probably a type mismatch). Check the EventLog on the server to determine which index value failed.
-99	FileNet IS/CS module	Connection with the FileNet server has been lost. Bring the module down and restart.
-4400	IA_ERR_NOTREADY	Scanner is not ready, try again.
-4401	IA_ERR_NOPAGE	No page was found in the feeder.
-4402	IA_ERR_PAGES	Pages were found in the feeder.

Error No.	Constant	String
-4403	IA_ERR_DONTKNOW	Scanner cannot determine whether there are pages in the feeder or not.
-4404	IA_ERR_BADSETUP	Scanner setup parameters are incorrect.
-4405	IA_ERR_NODEV	Scanner is not responding, check card, power, and cables.
-4406	IA_ERR_NOTME	Driver cannot handle this type of scanner.
-4407	IA_ERR_END	Scanning of the page has completed.
-4408	IA_ERR_PARAMERR	Scanner parameters are incorrect.
-4409	IA_ERR_NOTOPEN	s_open was not called before using the driver.
-4410	IA_ERR_TIMEOUT	Scanner timed out, check paper feeder.
-4411	SCAN_NOTFOUND	Driver file was not found.
-4412	SCAN_NOMEM	Scanner driver out of memory.
-4413	IA_ERR_STILLOPEN	Scanners still open when s_unload was called.
-4414	SCAN_TOOMANY	Too many drivers loaded or too many scanners opened.
-4415	IA_ERR_FREADER	Bad driver file or read error when loading.
-4421	IA_ERR_EXEHDR_BAD	Driver file is not an executable.
-4423	IA_ERR_BAD_HANDLE	Bad scanner handle.
-4426	IA_ERR_JAM	Paper jammed in scanner; clear paper and continue.
-4427	IA_ERR_NOBOARD	Scanner interface board not responding, check installation.

Error No.	Constant	String
-4428	IA_ERR_NOMSDRV	Cannot open system-level scanner driver; check installation.
-4429	IA_ERR_COVER	Scanner cover is open.
-4430	IA_ERR_LAMP	Bad or fading scanner lamp.
-4431	IA_ERR_SCANNER	Scanner hardware problem, check scanner and paper feeder.
-4432	IA_ERR_COMM	Cannot talk to scanner, check cables and power.
-4433	IA_ERR_SOFTWARE	Scanner control software detected error.
-4434	IA_ERR_BADCARD	Error on scanner interface card, check card.
-4435	IA_ERR_TRANSPORT	Problem with scanner transport mechanism, check scanner.
-4436	IA_ERR_OVERHEAT	Scanner overheated, wait for it to cool, then try again.
-4437	IA_ERR_BUSY	Scanner is busy, operation can not be completed.
-4438	IA_ERR_NOTNOW	Scanner command invalid in current state.
-4439	IA_ERR_PROCHALT	Recognition card internal error; run Scanexec.bat to reinitialize.
-4440	IA_ERR_TOOSMALL	The defined zone was too small for this scanner.
-4450	IA_ERR_FLFOPEN	Cannot open image file list file.
-4451	IA_ERR_FPTOOLONG	Image file path too long.
-4452	IA_ERR_FIFOPEN	Cannot open image file.
-4453	IA_ERR_FBADFMT	Image file is bad, error in format.
-4454	IA_ERR_FRDERR	File read error.

Error No.	Constant	String
-4455	IA_ERR_FWN16	Image file width not multiple of 16 pixels.
-4456	IA_ERR_BADCOMP	Cannot decompress image file.
-4457	IA_ERR_FUNSUPP	Image file format is not supported
-4458	IA_ERR_FEOF	Got to end of file before done.
-4459	IA_ERR_COLOR	Color or grayscale image file format not supported.
-4460	eIA_ERR_TWAIN	Error loading TWAIN; check Twain.dll.
-4461	IA_ERR_TOOMANYTAGS	Too many tags specified to PixWin. Check count.
-4462	IA_ERR_WINDOWRANGE	Window parameter was out of range in PixWin
-4463	IA_ERR_DIVBYZERO	Division by zero detected.
-4500	IA_ERR_NOMEM	Not enough memory.
-4501	IA_ERR_PARAM	Bad parameter.
-4502	IA_ERR_BADTAG	Tag not found.
-4503	IA_ERR_NOCHANGE	Tag value not changed.
-4504	IA_ERR_NOPIXDFLT	Cannot load module Pixflt.dll; make sure file is in path.
-4505	IA_ERR_ACCESS	Invalid access rights.
-4506	IA_ERR_BADPATH	Path is bad.
-4507	IA_ERR_CLOSE	Cannot close file.
-4508	IA_ERR_CREAT	Cannot create file.
-4509	IA_ERR_DISKFULL	Disk is full; erase files and try again.
-4510	IA_ERR_HANDLE	Invalid file handle.
-4511	IA_ERR_TOOMANY	Too many files open.
-4512	IA_ERR_WRITE	Cannot write to file.
-4513	IA_ERR_BADACCESS	Invalid access rights.
-4514	IA_ERR_NOTFOUND	File not found.
-4515	IA_ERR_OPEN	Cannot open file.

Error No.	Constant	String
-4516	IA_ERR_BADMAGIC	Invalid driver or cannot load driver.
-4517	IA_ERR_SEEK	Seek error.
-4518	IA_ERR_NOFUNC	Cannot find function within driver.
-4519	IA_ERR_NOTLOADED	Driver is not loaded.
-4520	IA_ERR_ENDSTACK	End of stack.
-4521	IA_ERR_ENDPAGE	End of page.
-4522	IA_ERR_ENDZONE	End of zone.
-4523	IA_ERR_UNKNOWN	Unknown error.
-4524	IA_ERR_UNLINK	Cannot delete file.
-4525	IA_ERR_NOCURSCANNER	No scanner is currently selected.
-4526	IA_ERR_CANCEL	User cancelled operation.
-4527	IA_ERR_WARNING	Warning
-4528	IA_ERR_ERROR	Error
-4529	IA_ERR_COPYNEWER1	The driver is already installed. Copy anyway?
-4530	IA_ERR_COPYNEWER2	The driver is already installed. Copy anyway?
-4531	IA_ERR_ADDSCANNER	Add Scanner
-4532	IA_ERR_PUTENV	Error writing value to configuration file.
-4533	IA_ERR_GETENV	Error reading value from configuration file.
-4534	IA_ERR_SAMEDEVICE	Cannot rename file from one disk to another.
-4535	IA_ERR_CREATESEL	Cannot create protected-mode selector. Check Windows configuration.
-4536	IA_ERR_CANTFIND	Cannot locate SCSI device; check cable and power.

Error No.	Constant	String
-4537	IA_ERR_RESTRICT	Restricted version of ISIS. Cannot use that driver.
-4538	IA_ERR_CANTLOAD	- (Not Ready)
-4539	IA_ERR_DRIVERBUSY	Driver in use by another program; quit chooser?
-4540	IA_ERR_SYSVERSION	Wrong system version; requires System 6.0.5 or later.
-4541	IA_ERR_NOSHARE	Share not loaded; quit Windows and run SHARE.EXE.
-4542	IA_ERR_LOCKED	File sharing violation.
-4543	IA_ERR_SHAREBUF	Share buffer too small; increase SHARE.EXE buffer space.
-4144	IA_ERR_SHARE	File locking (SHARE) failed.
-4545	IA_ERR_EXISTS	File already exists.
-4546	IA_ERR_READ	File write error.
-4547	IA_ERR_PIXVERSION	Wrong version of PIXDFLT. Replace all old versions of Pixdflt.dll with updated library.
-4568	IA_ERR_IMPROPER_PATH	File was loaded from non-standard directory.
-4570	IA_ERR_NET_NOWINSOCK	Windows Sockets is not installed or is an incompatible version.
-4571	IA_ERR_NET_NETDOWN	The network is down. Check local configuration.
-4572	IA_ERR_NET_INPROGRESS	There is a blocking network call already in progress. Try again when it is finished.
-4573	IA_ERR_NET_NOSOCKET	No more socket handles are available.

Error No.	Constant	String
-4574	IA_ERR_NET_NOBUFFER	No buffer space is available for the operation.
-4575	IA_ERR_NET_PORTNOTFOUND	Unable to find port address. Check services file or NIS setup.
-4576	IA_ERR_NET_HOSTNOTFOUND	Unable to resolve address from hostname.
-4577	IA_ERR_NET_NOTHREAD	Unable to allocate a new thread.
-4578	IA_ERR_NET_LISTEN	Error while listening to network.
-4579	IA_ERR_NET_ADDRINUSE	Address of requested port is already in use.
-4580	IA_ERR_NET_BADADDR	Port address is invalid. Check services file or NIS setup.
-4581	IA_ERR_NET_CONNREFUSED	Connection refused by remote host. Make sure server is operational.
-4582	IA_ERR_NET_NOSERVER	Unable to reach network.
-4583	IA_ERR_NET_NETUNREACH	Unable to connect to server. Check if server is operational.
-4584	IA_ERR_NET_LOSTCONNECTION	Connection has been lost. Check remote process.
-4585	IA_ERR_NET_NOCONNECTION	This operation requires a server connection. Please connect and try again.
-4586	IA_ERR_NET_ASYNCSELECT	Error on call to WSAAsyncSelect().
-4587	IA_ERR_PERM_NOACCESS	Insufficient permissions.
-4588	IA_ERR_NET_NEEDMORE	Only used by the server; means there is more data to be read in.
-4598	IA_ERR_SIMULATE	PIXDEBUG Simulated Error. (Should not occur.)

Error No.	Constant	String
-4599	IA_ERR_XXX	Undefined error message.
-4605	IA_ERR_NET_TIMEOUT	Network transfer timed out.
-4606	IA_ERR_NET_NORECOVER Y	Unrecoverable error. Check services file or NIS setup.
-4607	PIX_ERR_NOTMULTIPAGE	Format does not support multi-page.
-4611	IA_ERR_NET_ALREADYW AITING	Connection is already waiting for a synchronous response.
-4700 to -4999	Reserved for individual scanner drivers.	Scanner driver errors.
-5000 to -5999	Reserved for PIXM.	PIXM errors.
-5000	PIXM_NOMEM	PixTools/View out of memory.
-5001	PIXM_BADTAG	PixTools/View invalid tag.
-5002	PIXM_BADINDEX	PixTools/View bad index.
-5003	PIXM_BADVALUE	PixTools/View invalid value.
-5004	PIXM_BADHANDLE	PixTools/View bad structure.
-5005	PIXM_BADCODE	PixTools/View decompression error.
-5006	PIXM_NOTSAME	PixTools/View not all values equal.
-5007	PIXM_DONE	PixTools/View done.
-5008	PIXM_BADFUNC, PIXM_NOGRAY	PixTools/View function not supported.
-5009	PIXM_BADESC	PixTools/View bad device escape.
-5010	PIXM_RESEND_DATA	PixTools/View need to resend data.
-5011	PIXM_JPEGERR	PixTools/View JPEG error.
-5012	PIXM_NODATA	PixTools/View no data in page.

Error No.	Constant	String
-5013	PIXM_NCOLORPERMS	PixTools/View no color display permissions.
-5014	PIXM_NOGRAYPERMS	PixTools/View no grayscale display permissions
-5015	PIXM_NOCTIPERMS	PixTools/View no Cornerstone toolkit permissions.
-5016	PIXM_NOPERMS	PixTools/View insufficient permissions.
-5017	PIXM_NOBINARYPEMS	PixTools/View no binary display permissions.
-5018	PIXM_NOWINPRINTPERMS	PixTools/View no Windows printing permissions.
-5019	PIXM_NEEDRECT	PixTools/View need a window or a destination rectangle.
-5020	PIXM_GDIEROR	PixTools/View GDI returned error.
-5021	PIXM_NOJPEGDECOMP	PixTools/View no JPEG decompression permissions.
-5022	PIXM_NOCTIHW	PixTools/View need Cornerstone hardware for operation.
-5023	PIXM_NODIB2DEV	PixTools/View Cannot put DIB on device.
-5024	PIXM_UNSUPP_FMT	PixTools/View does not support specified color format.
-5025	PIXM_CANTDRAW	PixTools/View no argument to draw on.
-5026	PIXM_NOLZWDECOMP	PixTools/View no LZW decompression permissions.
-5027	PIXM_CANTROT	PixTools/View image is too long to rotate.
-5028	PIXM_IMAGETOOWIDE	PixTools/View image wider than 32K in 16bits only.

Error No.	Constant	String
-5029	PIXM_IMAGETOOLONG	PixTools/View image longer than 32K in 16bits only.
-5030	PIXM_NOCOMP	PixTools/View decompression is not available.
-5031	PIXM_NOHIST	PixTools/View Histogram is not available.
-5032	PIXM_DDRAWERR	PixTools/View Direct Draw error.
-5033	PIXM_NOTNOW	PixTools/View this operation is not available now.
-5034	PIXM_NOJPEG2000DECOMP	PixTools/View no JPEG2000 decompression permissions.
-5035	PIXM_UNSUPP_BPS2	PixTools/View toolkit does not support 2-bit palette.
-5036	PIXM_UNSUPP_BPS3	PixTools/View toolkit does not support 3-bit palette.
-5037	PIXM_UNSUPP_BPS5	PixTools/View toolkit does not support 5-bit palette.
-5038	PIXM_UNSUPP_BPS6	PixTools/View toolkit does not support 6-bit palette.
-5039	PIXM_UNSUPP_BPS7	PixTools/View toolkit does not support 7-bit palette.
-5040	PIXM_UNSUPP_TRANSPARENCY	PixTools/View toolkit does not support transparency masks.
-5300	PIXM_JPEGEXPERR	PixTools/View this operation contains bad JPEG data.
-5301	PIXM_JPEGEXPERR_BADSYNC	PixTools/View this operation contains bad JPEG data.
-5302	PIXM_JPEGEXPERR_NONTI	PixTools/View this operation contains bad JPEG data.

Error No.	Constant	String
-5303	PIXM_JPEGEXPERR_ALREADYINIT	PixTools/View this operation contains bad JPEG data.
-6000 to -6999	Reserved for Intelligent Capture.	InputAccel errors.
-6000	IA_ERR_BADSPECIAL	Bad special string/1.
-6001	IA_ERR_BADSPECIAL2	Bad special string/2.
-6002	IA_ERR_BADKEYSTRING	Bad Key string.
-6003	IA_ERR_NEEDTASK	Error - need task.
-6004	IA_ERR_BADLOCK	Error locking node.
-6005	IA_ERR_LOCKWAIT	Error - waiting for node lock.
-6006	IA_ERR_ALREADYLOCKED	Error - node is already locked.
-6007	IA_ERR_NODENOTCACHED	Node is not in cache.
-6008	IA_ERR_UNKNOWNNT	An unknown NT API error has occurred.
-6009	IA_ERR_IP_SOFTWARE	Image Processing software error.
-6010	IA_ERR_IP_NOTAVAILABLE	Image Processing hardware not available.
-6011	IA_ERR_IP_HARDWARE	Image Processing hardware error.
-6012	IA_ERR_INDEX	Bad batch or process index.
-6013	IA_ERR_INDEXFILE	Error with index file. Please check Batchidx.txt on server.
-6014	IA_ERR_PICKVALUE	Must choose an IA Value.
-6015	IA_ERR_SERVERMESSAGE	Server sent a message; it should be displayed instead of this.
-6016	IA_ERR_BADLOGIN or IA_ERR_LOGON_FAILURE	Could not log in; check user name and password. NT error 1326
-6017	IA_ERR_NOSUCHINST	There is no instance of this module in the batch.

Error No.	Constant	String
-6018	IA_ERR_SERVERDISKFULL	The server disk does not have enough space to continue this operation.
-6019	IA_ERR_LOCKWAITFORSAVE	Error: waiting for saved node lock.
-6020	IA_ERR_LIC_NONE	There are no valid licenses for this module.
-6021	IA_ERR_LIC_EXPIRED	This license has expired.
-6022	IA_ERR_LIC_MODCONNECTIONS	Maximum licensed module connections has been exceeded.
-6023	IA_ERR_LIC_MODPAGES	Maximum licensed module pages has been exceeded.
-6024	IA_ERR_LIC_SRVCONNECTIONS	Maximum licensed server connections has been exceeded.
-6025	IA_ERR_LIC_SRVPAGES	Maximum licensed server pages has been exceeded.
-6026	IA_ERR_LIC_BADFEATURE	The use of this feature has not been licensed.
-6027	IA_ERR_LIC_BADLICENSE	This module has not been properly licensed.
-6028	IA_ERR_LIC_OTHERMACHINE	Maximum licensed module connections from different machines has been exceeded.
-6029	IA_ERR_LIC_NOSCALESERVER	This module is not licensed for use in a ScaleServer environment.
-6040	IA_ERR_ACCESS_READBATCH	You do not have permission to read this batch or process.
-6041	IA_ERR_ACCESS_MODIFYBATCH	You do not have permission to modify this batch or process.
-6042	IA_ERR_ACCESS_DELETEBATCH	You do not have permission to delete this batch or process.

Error No.	Constant	String
-6043	IA_ERR_ACCESS_RUNMODULE	You do not have permission to run this module.
-6044	IA_ERR_ACCESS_SETSEC	You do not have permission to change permissions for this object.
-6045	IA_ERR_ACCESS_CREATEBATCH	You do not have permission to create this batch.
-6046	IA_ERR_ACCESS_INSTALLPROCESS	You do not have permission to install this process.
-6047	IA_ERR_ACCESS_NTFSONLY	The InputAccel Server does not support permissions for this object because it is not installed on an NTFS volume.
-6048	IA_ERR_ACCESS_UNLOADBATCH	You do not have permission to unload this batch.
-6049	IA_ERR_ACCESS_UNKNOWNACCOUNT	Permissions could not be set for an unknown account name.
-6060	IA_ERR_VERSION_OLDSERVER	Could not connect to the server - server version is too old for the client.
-6061	IA_ERR_VERSION_OLDCLIENT	Could not connect to the server - client version is too old for the server.
-6062	IA_ERR_VERSION_OLDBATCH	Could not do operation batch or process version is too old.
-6070	IA_ERR_OLDLOCALTREE	Local tree cache is outdated. Subsequent operations may fail.
-6071	IA_ERR_BADLOCALTREE	Operation failed. Update local tree cache and try again.
-6072	IA_ERR_BADNODEHANDLE	Invalid tree node. Local tree cache may be outdated.

Error No.	Constant	String
-6080	IA_ERR_LOGON_ACCTRESTRICTION	Logon failure: user account restriction. NT error 1327: ERROR_ACCOUNT_RESTRICTION
-6081	IA_ERR_LOGON_HOURS	Logon failure: account logon time restriction violation. NT error 1328: ERROR_INVALID_LOGON_HOURS
-6082	IA_ERR_LOGON_PASSWORD_EXPIRED	Logon failure: the specified account password has expired. NT error 1330: ERROR_PASSWORD_EXPIRED
-6083	IA_ERR_LOGON_ACCOUNT_DISABLED	Logon failure: account currently disabled. NT error 1331: ERROR_ACCOUNT_DISABLED
-6084	IA_ERR_LOGON_BADTYPE	Logon failure: the user has not been granted the requested logon type. NT error 1385: ERROR_LOGON_TYPE_NOT_GRANTED
-6085	IA_ERR_LOGON_ACCOUNT_LOCKED_OUT	The referenced account is currently locked out and may not be logged on to NT error 1909: ERROR_ACCOUNT_LOCKED_OUT
-6086	IA_ERR_LOGON_NEGOTIATION	Logon failure: error during security context negotiation.
-6100	IA_ERR_PASTE_BADBATCH	Cannot paste settings; instances of batch do not match settings.
-6101	IA_ERR_PASTE_BADINSTANCE	Cannot paste settings; instance does not match settings.
-6102	IA_ERR_PASTE_BADCONTENTS	Cannot paste settings; settings are invalid.
-6110	IA_ERR_EXCEPTION	Exception error occurred.
-6111	IA_ERR_ALREADYRESERVED	This batch and instance is already reserved.

Error No.	Constant	String
-6112	IA_ERR_NORETRY	Result code passed to the optional IA Error subroutine in the PCF to control whether tasks never retry (NORETRY), retry <n> time (default 3) (RETRYSOME), or retry indefinitely (RETRY).
-6113	IA_ERR_RETRYSOME	
-6114	IA_ERR_RETRY	
-6020	IA_ERR_SCHEMA_BATCH	Illegal Batch schema.
-6121	IA_ERR_SCHEMA_PROCESS	Illegal Process schema.
-6130	IA_ERR_INSUFFICIENTBUFFER	Insufficient buffer.
-6140	IA_ERR_CREATEVBAHOST	Error creating VBA host object.
-6141	IA_ERR_TOOMANYDEBUGGERS	Only one debugging session per batch is possible.
-6142	IA_ERR_NEEDSINGLESERVER	Operation cannot work in a cluster. Explanation: The operation the module attempted cannot be performed when connected to multiple servers.
-6143	IA_ERR_DIFFERENTBASES	Servers in a cluster cannot have different bases. Explanation: Among multiple servers specified when starting this module, one or more have different ClusterBase settings. All servers must be in the same ScaleServer group they must all have the same ClusterBase value.

Error No.	Constant	String
-6144	IA_ERR_DUPLICATECLUSTER	Servers in a cluster cannot have the same cluster number. Explanation: Two or more servers in the same ScaleServer group have the same ClusterNumber. ClusterNumber on each server must be unique and must be in the range of 0 through ClusterBase-1.
-6145	IA_ERR_NEEDSAMESERVER	Operation requires objects on the same Server. Explanation: The operation the module requested must be completed on the same server on which it was initiated. Generally caused by an attempt to rename a file when the destination indicates a different server than the source.
-6146	IA_ERR_BADCLUSTER	Inconsistent cluster parameters. <i>Explanation:</i> Cluster parameters (ClusterBase, Cluster, ClusterNumber) are not compatible or invalid.
-6147	IA_ERR_INCOMPATIBLECLUSTER	One of the Servers is not part of the cluster. Explanation: One or more of the servers specified in the Server Name field or Login parameter is not a member of the same cluster as other servers. All servers specified must be members of the same cluster.
-6148	IA_ERR_CLUSTERNOTSUPPORTED	This module is not supported in a multi-server environment.

Error No.	Constant	String
-6149	IA_ERR_REQUIRESSINGLE SERVER	This login requires a single server.
-6150	IA_ERR_CRYPTINIT	Error initializing cryptography functions used for encrypted IA values.
-6151	IA_ERR_CANTENCRYPT	Error encrypting value.
-6152	IA_ERR_CANTDECRYPT	Error decrypting encrypted value.
-6153	IA_ERR_CRYPTDISABLED	Encrypted values disabled by registry setting.
-6155	IA_ERR_INSTANCE_MODU LE_NOTFOUND	Requested module is not used by this batch.
-6156	IA_ERR_TASK_NOTFOUND	Requested task not found.
-6160	IA_ERR_OBJECTEMPTY	A COM object handle is not pointing to a valid COM object. Used by the server and internally by IAComDll.
-6161	IA_ERR_CANTSETCONST	An attempt was made to set the value of a constant. Setting the value of a constant is not valid.
-6162	IA_ERR_OBJECTFREED	Object was freed before unlocking.
-6170	IA_ERR_3RDPARTY_CONN REFUSED	Connection refused by third-party server.
-6171	IA_ERR_3RDPARTY_NOSE RVER	Unable to connect to third-party server.
-6172	IA_ERR_3RDPARTY_LOGO N_FAILURE	Could not log into third-party server.
-6173	IA_ERR_3RDPARTY_LOSTC ONNECTION	Lost connection with third-party server.
-6174	IA_ERR_3RDPARTY_NOCO NNECTION	Operation requires a third-party server connection.
-6175	IA_ERR_3RDPARTY_ALRE ADYCONNECTED	Already connected to third-party server.

Error No.	Constant	String
-6180	IA_ERR_DEPTINUSE_CONNECTION	Department is in use by a connection, Cannot delete.
-6181	IA_ERR_DEPTINUSE_BATCH	Department is in use by a batch or process, Cannot delete.
-6191	IA_ERR_ACT_NOAMPMATCH	No matching AMP file found for activation key.
-6192	IA_ERR_ACT_NOAMPFILES	No AMP files found.
-6193	IA_ERR_ACT_BADSTRUCTVERSION	IASActivationSafe struct version mismatch.
-6194	IA_ERR_ACT_CAFBADSIG	CAF signature element bad or missing.
-6195	IA_ERR_ACT_CAFMISSING	CAF file not found.
-6196	IA_ERR_ACT_CAFMISSINGELEMENT	CAF file element not found.
-6197	IA_ERR_ACT_CAFELEMENTUNKNOWN	Unrecognized CAF file element found.
-6198	IA_ERR_ACT_NOTAFILEDONGLE	Dongle is not a file dongle, or file dongle is not the current license mode.
-6199	IA_ERR_ACT_ZEROSERIALNUM	Dongle returning zero serial number.
-6200	IA_ERR_ACT_SETACTLOWSCORE	Activation key set by Administrator application correct, but score too low.

Error No.	Constant	String
-6201	IA_ERR_ACT_SETACTBADKEY	Activation key set by Administrator application didn't work even though it contained valid chars and key string check digit calculation passed okay. The User may have typed key in via Administrator not realizing displayed server profile ID changed (i.e. his machine profile changed due to undock or dock, or...), or user provided wrong server ID number to OpenText Global Technical Services.
-6202	IA_ERR_ACT_BADKEYCHECK	Activation key invalid - check digit test failed.
-6203	IA_ERR_ACT_BADKEYCHARS	Activation key invalid - contains invalid characters.
-6204	IA_ERR_ACT_BADKEYLENGTH	Activation key invalid - must be 27 digits.
-6205	IA_ERR_ACT_CANTDELETEAMPFILE	Cannot delete one or more .AMP files.
-6206	IA_ERR_ACT_CLOCKTAMPER	Significant clock rollback or forward detected by grace period logic.
-6207	IA_ERR_ACT_REGRWFAILED	Registry read or write of activation state failed.
-6208	IA_ERR_ACT_BADFDSTATE	Activation state data's FDState corrupt (tamper attempt?).
-6209	IA_ERR_ACT_CAFBADVERSION	CAF file version not compatible with server.
-6210	IA_ERR_ACT_CAFWRONGCONFIG	Server Activation CAF file is incorrect for this machine configuration.

Error No.	Constant	String
-6220	IA_ERR_MPS_CAFNORULE SELEMENT	CAF file has no MachineProfileRules element.
-6221	IA_ERR_MPS_BADXMLSYNTAX	General XML syntax error in file - see info log for exact details.
-6222	IA_ERR_MPS_CAFFILEATTRMISSING	Attribute missing in CAF file.
-6223	IA_ERR_MPS_CAFFILEATTRUNKNOWN	Unknown attribute found in CAF file.
-6224	IA_ERR_MPS_CAFFILEATTRPRESENT	CAF file attribute not allowed in this context.
-6225	IA_ERR_MPS_XMLFILEMISSING	XML file not found (internal temp error code).
-6230	IA_ERR_CMP_NOMACHINEPROFILE	MachineProfile XML element missing in AMP or CMP file.
-6240	IA_ERR_SI_MISSINGSYSDIR	WMI returned invalid Windows System directory path.
-6241	IA_ERR_SI_BADSYSDIRNAME	WMI returned invalid Windows System directory path drive letter.
-6242	IA_ERR_SI_NODISKPART	No disk partition found for System Drive.
-6244	IA_ERR_SI_WMIINSTANCE MISSING	Requested WMI class instance is missing.
-6245	IA_ERR_SI_WMINULLPROPERTYVALUE	Requested WMI property value is null.
-6300 to -6999	Reserved for specific modules.	Module-specific errors.
-6300 to -6319	Export for OpenText Content Server.	Export for OpenText Content Server errors.
-6700 to -6709	iManage Export.	iManage Export errors.
-6810 to -6819	ODBC Validation DLL errors.	<i>ODBC</i> Validation <i>DLL</i> errors.
-6812	IA_ODBCVAL_NOT_CONNECTED	ODBC validation dll error: Not connected to a data source.

Error No.	Constant	String
-6813	IA_ODBCVAL_CANT_SET_SCROLL_OPTIONS	ODBC validation dll error: Error setting database connection cursor type.
-6814	IA_ODBCVAL_MORE_DATA	ODBC validation dll error: The last query returned more data than the buffer could hold.
-6999	IA_ERR_INTERNAL	Internal InputAccel Error.
-7000 to -7999	Reserved for individual scanner drivers.	Scanner driver errors.
-7000 to -7031	Error messages from lower-level modules that can bubble up and appear in the Archive Export module.	Archive Export error messages.
-7000	SA_Unknown (also used for general QuickModule errors).	An unknown error occurred.
-7001	SA_Success	Success.
-7002	SA_SAPProxy_InitFailed	SAP Proxy could not be instantiated.
-7003	SA_SAPLogon_InitFailed	SAP Logon could not be instantiated.
-7004	SA_SAPBAPIStr_InitFailed	SAP BAPI structure could not be instantiated.
-7005	SA_SAPBAPITbl_InitFailed	SAP BAPI table could not be instantiated.
-7006	SA_InvalidArg_ServerName	The <ServerName> argument to the function is invalid.
-7007	SA_InvalidArg_UserName	The <UserName> argument to the function is invalid.
-7008	SA_InvalidArg_Password	The <Password> argument to the function is invalid.
-7009	SA_AlreadyConnected	A connection to the SAP Server already exists. Close the connection before establishing another one.

Error No.	Constant	String
-7010	SA_InitConnExcp	An exception was caught during connection initialization.
-7011	SA_NotConnected	An external call was made prior to connecting to the server.
-7012	SA_InvalidArg_ContRep	The ArchiveID argument to the function is invalid.
-7013	SA_InvalidArg_DocType	The DocumentClass argument to the function is invalid.
-7014	SA_InvalidArg_BarCode	The Barcode argument to the function is invalid.
-7015	SA_InvalidArg_ContServName	The ContentServerName argument to the function is invalid.
-7016	SA_InvalidArg_ContServScriptPath	The ContentServerScriptPath argument to the function is invalid.
-7017	SA_InvalidArg_FilePathToPost	The FilePathToPost argument to the function is invalid.
-7018	SA_InvalidArg_UseSecureURL	UseSecureURL is true, but the path to the certificate is invalid.
-7019	SA_CouldNotAccessFileInfo	Could not get access information on file.
-7020	SA_UnableToBuildURL	Unable to build the URL. This is most likely due to an exception being thrown.
-7021	SA_PutDocToContSrvFailed	Putting the document to the content server failed.
-7022	SA_BAPIArchCaughtAnExp	An exception was thrown during the execution of the BAPI Archiving function.

Error No.	Constant	String
-7023	SA_InvalidArg_ContServPort	The <PortNumber> argument for the content server is not valid.
-7024	SA_Exception	An exception was thrown. Call GetErrorInfo() for more details.
-7025	SA_SAPRFCTbl_Init Failed	The SAP RFC Table could not be instantiated.
-7026	SA_BeginRFCArchNotCalled	BeginRFCArchExport() was not called or was not successful. BeginRFCArchExport() must be called before calling this function.
-7027	SA_RFCTableNotInit	The RFC Table for RFC archiving was not initialized. BeginRFCArchExport() must be called successfully first.
-7028	SA_RemoveDocFromContServFailed	Removal of the document from the content server failed. The document must be removed manually.
-7029	SA_BAPIArchExpWithRemoveFailure	An exception was thrown during the BAPI Archiving function. During recovery, the document could not be removed and now must be removed manually.
-7030	SA_InvalidArg_ArchObj	The <DocumentType> argument to the function is invalid.
-7031	SA_FinArchExpWithRemoveFailure	An exception was thrown during the Finish RFC Archiving function. During recovery, the document could not be removed and now must be removed manually.
-13000 to -13999	Reserved for PIXNOTE.	Annotation toolkit errors.

8.2 Error Code Categories

The categories specify the module or internal component where the error or warning occurred. The categories are listed using a three letter abbreviation for the module.

- **CCT**: Capture Client, Intelligent Capture Web Client, Completion, Extraction, Identification, Image Processor, Standard Import, Standard Export, Standard OCR
- **CLT**: Client
- **DSK**: Intelligent Capture Completion
- **DIA**: Classification module
- **DIA**: Collector module
- **DEM**: Documentum Advanced Export module
- **EXT**: Extraction module
- **IAC**: Intelligent Capture Administrator
- **IAS**: Intelligent Capture Server
- **ICV**: Image Converter module
- **IDF**: Identification module
- **IE2**: Image Processor module
- **LOG**: Logging library
- **NUA**: NuanceOCR module
- **PRH**: Processing Helper
- **QMR**: QuickModule Runtime
- **RSC**: RescanPlus
- **SCC**: Scripting Client
- **SCN**: ScanPlus module
- **SEC**: Security Library
- **STX**: Standard Export module
- **WSC**: Web Services Coordinator
- **WSI**: WS Input module
- **WSO**: WS Output module

8.3 Error, Warning, and Audit Log Codes

The following section displays errors, warnings, and audit messages logged by client modules and other system components. The categories are defined in “[Error Code Categories](#)” on page 146. Some messages contain variables such as “<%1>” which are populated when the message is displayed or recorded. Log codes are required when setting up log rules in Intelligent Capture Administrator to specify the event and message to log.

8.3.1 Capture Client, Intelligent Capture Web Client, Completion, Identification, Standard Import, Extraction, Image Processor, Standard Export: Error, Warning, and Audit Log Codes

Table 8-2: Errors, Warnings, and Audits Logged by the Capture Client

CATEGORY	CODE	TYPE	MESSAGE
CCT / DSK / IDF / EXT / IE2 / STX	9000	Error	Fatal error in %1. %2.
CCT / DSK / IDF / EXT / IE2 / STX	9001	Error	Recoverable error in %1. %2.
CCT / DSK / IDF / EXT / IE2 / STX	9002	Error	Licensing error in %1. %2.
CCT / DSK / IDF / EXT / IE2 / STX	9003	Error	Script Engine error in %1. %2.
CCT / DSK / IDF / EXT / IE2 / STX	9004	Error	User Script error in %1. %2.

8.3.2 Intelligent Capture Client: Error, Warning, and Audit Log Codes

Table 8-3: Errors, Warnings, and Audits Logged by the Intelligent Capture Client

CATEGORY	CODE	TYPE	MESSAGE
CLT	9000	Error	IAClient has generated an exception.
CLT	9001	Error	IACInt32 has generated an exception.
CLT	9002	Error	Unable to create CAF file.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9003	Error	Batch operation failed.
CLT	9005	Error	Unable to create batch.
CLT	9006	Error	Failed to copy the batch file: %1.
CLT	9007	Error	Unable to delete batch.
CLT	9008	Error	The argument IAFileName is not formatted correctly.
CLT	9009	Error	Error copying settings.
CLT	9010	Error	Error creating list of default nodal values.
CLT	9011	Error	Could not retrieve the GUID of this BatchProcess object.
CLT	9012	Error	Error creating values list.
CLT	9013	Error	Error pasting settings.
CLT	9014	Error	Error populating batch properties. Invalid array length.
CLT	9015	Error	Unable to retrieve files from server.
CLT	9016	Error	Error while filling the cache.
CLT	9017	Error	Error retrieving binary value.
CLT	9018	Error	Client has not been initialized.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9019	Error	Cannot set %1 while logged on.
CLT	9020	Error	Unable to copy and paste settings.
CLT	9021	Error	File operation failed.
CLT	9022	Error	Invalid copy operation. Copying from one external storage to another is not supported.
CLT	9023	Error	Invalid copy operation. Cannot perform a direct server to server copy.
CLT	9024	Error	Unable to get tag.
CLT	9025	Error	Could not retrieve file from the server.
CLT	9026	Error	Unable to retrieve the server for this %1 resource.
CLT	9027	Error	Unable to retrigger step.
CLT	9028	Error	Unable to convert IStep to an IASStep object.
CLT	9029	Error	Argument must be of type TaskCountType.
CLT	9030	Error	Could not get trigger level for step.
CLT	9031	Error	Invalid server resource.
CLT	9032	Error	Invalid value provider.
CLT	9033	Error	License is not valid.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9034	Error	The date of the license is invalid.
CLT	9035	Error	The %1 specified in the license header is invalid.
CLT	9036	Error	Unable to perform operation on the list.
CLT	9037	Error	Error getting next list element.
CLT	9038	Error	Unable to perform operation on the lock.
CLT	9039	Error	Error creating lock.
CLT	9040	Error	Logon error.
CLT	9041	Error	No server available.
CLT	9042	Error	Unable to perform operation on the node.
CLT	9043	Error	Unable to add node.
CLT	9044	Error	Cannot add nodes at this level.
CLT	9045	Error	Node index is out of range.
CLT	9046	Error	Unable to commit node.
CLT	9047	Error	Unable to remove node.
CLT	9048	Error	Error finding the first tasked child node.
CLT	9049	Error	Child nodes must be at a lower level than their parent.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9050	Error	Unable to move node.
CLT	9051	Error	Trigger level is equal to or higher than the node level.
CLT	9052	Error	Step cannot be null.
CLT	9053	Error	Unable to set task offline.
CLT	9054	Error	Unable to delete process.
CLT	9055	Error	Process directory delete failed.
CLT	9056	Error	Invalid process directory name.
CLT	9057	Error	Error listing process directories.
CLT	9058	Error	Process directory rename failed.
CLT	9059	Error	Unable to install process.
CLT	9060	Error	Error committing security settings to server.
CLT	9061	Error	Error initializing security accessor.
CLT	9062	Error	Invalid permission type requested.
CLT	9063	Error	Error creating security permissions list.
CLT	9064	Error	Error setting security access.
CLT	9065	Error	Error setting security item.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9066	Error	Unable to perform operation on the server.
CLT	9067	Error	Error while checking for available server.
CLT	9068	Error	Server is null. This operation requires a valid IAServer.
CLT	9069	Error	Server has not been initialized.
CLT	9070	Error	Unable to retrieve security details from the server.
CLT	9071	Error	Error getting the server settings list.
CLT	9072	Error	Unable to convert server setting '%1' to requested type '%2'.
CLT	9073	Error	Invalid parameter type in server settings list, Parameter name: %1, Type: %2.
CLT	9074	Error	Invalid scope for the requested server '%1' setting. Scope: '%2'.
CLT	9075	Error	Invalid type for the requested server setting, Type: %1, Parameter name: %2.
CLT	9076	Error	Server setting '%1' cannot be greater than %2.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9077	Error	Server setting '%1' cannot be less than %2.
CLT	9078	Error	Cannot set a server parameter '%1' to null.
CLT	9079	Error	Error setting persistent server parameter '%1', Value '%2'.
CLT	9080	Error	Cannot set a read-only server parameter '%1', Value '%2'.
CLT	9081	Error	Error setting run-time server parameter '%1', Value '%2'. Exception: %3.
CLT	9082	Error	Server setting '%1' string '%2' is too long.
CLT	9083	Error	Unable to set tag.
CLT	9084	Error	Unable to perform operation on the stream.
CLT	9085	Error	Invalid setting for stream property.
CLT	9087	Error	Task already finished.
CLT	9088	Error	Error in finish routine of task.
CLT	9090	Error	Error in prepare routine of task.
CLT	9091	Error	Unable to perform operation on the tree.
CLT	9092	Error	Unable to perform operation on the tree lock.
CLT	9093	Error	Tree has not been initialized.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9094	Error	Value provider was unable to get the value from the server.
CLT	9095	Error	IValueProvider. Get<T> unable to instantiate array.
CLT	9096	Error	Unable to create value provider.
CLT	9097	Error	%1 does not implement an empty constructor.
CLT	9098	Error	Error deleting value.
CLT	9099	Error	Invalid type. Protected values can currently only be strings or byte arrays.
CLT	9100	Error	Value provider was unable to set the value on the server.
CLT	9101	Error	Value provider was unable to set the stream on the server.
CLT	9102	Error	Variable name: '%1' is too long.
CLT	9103	Error	Connection operation failed.
CLT	9104	Error	Server setting '%1' value cannot be less than 0. Value: %2.
CLT	9105	Error	Unable to cancel offline task.
CLT	9106	Error	Batch or process has been deleted.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9107	Error	Unable to convert '%1' to internal format.
CLT	9108	Error	Internal error occurred during a dispose. Exception '%1'.
CLT	9109	Error	Failed to open machine.config, app.config, or user.config.
CLT	9110	Error	Failed to add global department.
CLT	9111	Error	Unable to create batch. Batch already exists.
CLT	9112	Error	Unable to create batch. Process not found.
CLT	9113	Error	Error populating connection properties. Invalid array length.
CLT	9114	Error	Error disconnecting a connection.
CLT	9115	Error	Error loading activation key.
CLT	9116	Error	Internal error occurred. Null argument was passed to the client. '%1'.
CLT	9117	Error	Internal error occurred during processing. '%1'.
CLT	9118	Error	Internal error occurred. An invalid argument was passed to the client. '%1'.

CATEGORY	CODE	TYPE	MESSAGE
CLT	9119	Error	Internal error occurred. An out of range argument was passed to the client. '%1'
CLT	9120	Error	Process directory operation failed.
CLT	9121	Error	Server disconnected.
CLT	9122	Error	Value provider was unable to increment the value on the server.
CLT	9251	Warning	Warning: Exception '%1'.
CLT	9754	Error	Unable to convert IABatchProcess to an IABatch object.
CLT	9836	Error	Unable to perform operation on the task.
CLT	9839	Error	Task has not been initialized.

8.3.3 Intelligent Capture Administrator Client Module: Error, Warning, and Audit Log Codes

Table 8-4: Errors, Warnings, and Audits Logged by the Intelligent Capture Administrator Client Module

CATEGORY	CODE	TYPE	MESSAGE
IAC	1	Error	DAL Exception occurred in function: %1, Exception Message: %2.
IAC	2	Error	Log on to InputAccel Server failed: Server name: %1 Port: %2 Reason: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	3	Error	Copying the batch file to the directory or server failed in function: %1; batch name: %2; destination: %3.
IAC	4	Error	Copying the process file to the directory or server failed in function: %1; process name: %2; destination: %3.
IAC	5	Error	The specified column cannot be found in Table %1: Message: %2.
IAC	6	Error	Importing the InputAccel Server license from a file failed: Server ID: %1, License name: %2 Exception detail: %3.
IAC	7	Error	Importing the activation file failed: Exception detail: %1.
IAC	8	Error	Importing the activation file failed: Key: %1, Exception detail: %2.
IAC	9	Error	Updating the MDF file in the IPP failed: Exception detail: %1.
IAC	10	Error	Compiling the IPP into an IAP failed: Exception detail: %1.

CATEGORY	CODE	TYPE	MESSAGE
IAC	11	Error	Copying the process permissions failed: Exception detail: %1.
IAC	12	Error	Copying the process settings failed: Exception detail: %1.
IAC	13	Error	The InputAccel Server license has expired: Server: %1, Port: %2, Message: %3.
IAC	14	Error	The server ID in the license file does not match any server in the system. Check the list of servers to verify that the server listed in the license file is present.
IAC	15	Error	The license file does not contain valid version info.
IAC	16	Error	The date format specified in the license is invalid.
IAC	17	Error	The InputAccel Server serial number %1 in the process or batch is invalid.
IAC	18	Error	The process is not found in InputAccel Server: process ID:%1 process name:%2 server ID: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	19	Error	The batch is not found in InputAccel Server: batch ID: %1 batch name:%2 server ID: %3.
IAC	20	Error	The data being modified has changed since retrieving it from the database.
IAC	21	Error	Cannot delete the DAC Config because there are still other datastores using it.
IAC	22	Error	Initialization of the System Manager TCP client channel failed.
IAC	23	Error	Retrieving the System Manager Control from workstation %1 TCP port %2 failed.
IAC	24	Error	Invalid module Exe name: %1.
IAC	25	Error	Set setup value failed: %1.
IAC	26	Error	Invalid InputAccel Server ID: %1.
IAC	27	Error	You do not have write permission on the InputAccel Server: %1.
IAC	28	Error	Process %1 does not exist on InputAccel Server %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	29	Error	Installing process %1 on InputAccel Server %2 failed: Reason: %3.
IAC	30	Error	InputAccel Server is not connected: Server name: %1 Server port: %2.
IAC	31	Error	Failed to get IA Value: Value name: %1, Exception: %2.
IAC	32	Error	Upgrade process failed: Error: %1.
IAC	33	Error	The System Manager Remoting Call failed: Remoting function: %1 Error: %2.
IAC	34	Error	Registering the Administration Console Monitoring Service TCP Channel failed: Error: %1.
IAC	35	Error	Retrieving the Administration Console Monitoring Service remote object proxy failed: Workstation: %1 Port %2 Error: %3.
IAC	36	Error	The Administration Console Monitoring Service Remoting Call failed: Remoting function: %1 Error: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	37	Error	Getting processes failed, Server: %1 Error: %2.
IAC	38	Error	Getting module connections failed, Error: %1.
IAC	39	Error	Pasting indexed IA Values failed: No matching steps were found in the destination process.
IAC	40	Error	Admin library got generic exception: Message: %1 Call Stack: %2.
IAC	201	Warning	Importing the DAL settings from the XML file failed: Error:%1.
IAC	202	Warning	Exporting the DAL settings to an XML file failed: Error:%1.
IAC	203	Warning	The InputAccel Server license is in the grace period: Server: %1, Port: %2, Reason: %3.
IAC	204	Warning	The InputAccel Server is disconnected: Server: %1, Port: %2.
IAC	205	Warning	The InputAccel Server is reconnected: Server: %1, Port: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	206	Warning	The InputAccel Server connection is configured to reconnect automatically: Server: %1, Port: %2.
IAC	207	Warning	The InputAccel Server is connected: Server: %1, Port: %2.
IAC	401	Audit	The attached module was added in the InputAccel Database: System process ID: %1 Module ID: %2.
IAC	402	Audit	The attached module was updated in the InputAccel Database: System process ID: %1 Module ID: %2.
IAC	403	Audit	The attached module was removed from the InputAccel Database: System process ID: %1 Module ID: %2.
IAC	404	Audit	The log rule was added to the InputAccel Database: Rule ID: %1 Rule name: %2 Description: %3.
IAC	405	Audit	The log rule was updated in the InputAccel Database: Rule ID: %1 Rule name: %2 Description: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	406	Audit	The log rule was removed from the InputAccel Database: Rule ID: %1 Rule name: %2 Description: %3.
IAC	407	Audit	The department was added to the InputAccel Database: Department ID: %1 Department name: %2.
IAC	408	Audit	The department was updated in the InputAccel Database: Department ID: %1 Department name: %2.
IAC	409	Audit	The department was removed from the InputAccel Database: Department ID: %1 Department name: %2.
IAC	410	Audit	The license code was added to the InputAccel Database: Server ID: %1 License name: %2 License code: %3.
IAC	411	Audit	The license code was updated in the InputAccel Database: Server ID: %1 License name: %2 License code: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	412	Audit	The license code was removed from the InputAccel Database: Server ID: %1 License name: %2 License code: %3.
IAC	413	Audit	The log category was added to the InputAccel Database: Category ID: %1 Category name: %2.
IAC	414	Audit	The log category was updated in the InputAccel Database: Category ID: %1 Category name: %2.
IAC	415	Audit	The log category was removed from the InputAccel Database: Category ID: %1 Category name: %2.
IAC	416	Audit	The module was added to the InputAccel Database: Module ID: %1 Module Number: %2 Module Executable name: %3.
IAC	417	Audit	The module was updated in the InputAccel Database: Module ID: %1 Module Number: %2 Module Executable name: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	418	Audit	The module was removed from the InputAccel Database: Module ID: %1 Module Number: %2 Module Exectable name: %3.
IAC	419	Audit	The module service was added to the InputAccel Database: Service ID: %1 Service name: %2 Module ID: %3 Workstation ID: %4.
IAC	420	Audit	The module service was updated in the InputAccel Database: Service ID: %1 Service name: %2 Module ID: %3 Workstation ID: %4.
IAC	421	Audit	The module service was removed from the InputAccel Database: Service ID: %1 Service name: %2 Module ID: %3 Workstation ID: %4.
IAC	422	Audit	The log rule data pair was added to the InputAccel Database: Pair ID: %1 Rule Data Definition ID: %2 Pair name: %3 Pair Value: %4.

CATEGORY	CODE	TYPE	MESSAGE
IAC	423	Audit	The log rule data pair was updated in the InputAccel Database: Pair ID: %1 Rule Data Definition ID: %2 Pair name: %3 Pair Value: %4.
IAC	424	Audit	The log rule data pair was removed from the InputAccel Database: Pair ID: %1.
IAC	425	Audit	The log rule data definition was added to the InputAccel Database: Data Definition ID: %1 Data Definition name: %2.
IAC	426	Audit	The log rule data definition was updated in the InputAccel Database: Data Definition ID: %1 Data Definition name: %2.
IAC	427	Audit	The log rule data definition was removed from the InputAccel Database: Data Definition ID: %1 Data Definition name: %2.
IAC	428	Audit	The log rule sink definition was added to the InputAccel Database: Sink Definition ID: %1 Sink Definition name: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	429	Audit	The log rule sink definition was updated in the InputAccel Database: Sink Defintion ID: %1 Sink Defintion name: %2.
IAC	430	Audit	The log rule sink definition was removed from the InputAccel Database: Sink Defintion ID: %1 Sink Defintion name: %2.
IAC	431	Audit	The log rule sink DLL definition was added to the InputAccel Database: Sink DLL Defintion ID: %1 Sink DLL Defintion name: %2.
IAC	432	Audit	The log rule sink DLL definition was updated in the InputAccel Database: Sink DLL Defintion ID: %1 Sink DLL Defintion name: %2.
IAC	433	Audit	The log rule sink DLL definition was removed from the InputAccel Database: Sink DLL Defintion ID: %1 Sink DLL Defintion name: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	434	Audit	The log rule filter definition was added to the InputAccel Database: Filter ID: %1 Filter name: %2.
IAC	435	Audit	The log rule filter definition was updated in the InputAccel Database: Filter ID: %1 Filter name: %2.
IAC	436	Audit	The log rule filter definition was removed from the InputAccel Database: Filter ID: %1 Filter name: %2.
IAC	437	Audit	The ScaleServer group was added to the InputAccel Database: Server Group ID: %1 Server Group name: %2.
IAC	438	Audit	The ScaleServer group was updated in the InputAccel Database: Server Group ID: %1 Server Group name: %2.
IAC	439	Audit	The ScaleServer group was removed from the InputAccel Database: Server Group ID: %1 Server Group name: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	440	Audit	The system process was added to the InputAccel Database: System Process ID: %1 System Process name: %2 Workstation ID: %3.
IAC	441	Audit	The system process was updated in the InputAccel Database: System Process ID: %1 System Process name: %2 Workstation ID: %3.
IAC	442	Audit	The system process was removed from the InputAccel Database: System Process ID: %1 System Process name: %2 Workstation ID: %3.
IAC	443	Audit	The InputAccel Server was added to the InputAccel Database: Server ID: %1 Serial number: %2 Server name: %3.
IAC	444	Audit	The InputAccel Server was updated in the InputAccel Database: Server ID: %1 Serial number: %2 Server name: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	445	Audit	The InputAccel Server was removed from the InputAccel Database: Server ID: %1 Serial number: %2 Server name: %3.
IAC	446	Audit	The workstation was added to the InputAccel Database: Workstation ID: %1 Workstation name: %2 Port: %3.
IAC	447	Audit	The workstation was updated in the InputAccel Database: Workstation ID: %1 Workstation name: %2 Port: %3.
IAC	448	Audit	The workstation was removed from the InputAccel Database: Workstation ID: %1 Workstation name: %2 Port: %3.
IAC	449	Audit	The DAC definition was added to the InputAccel Database: Data Store ID: %1 DAL version: %2 DAC Config ID: %3.
IAC	450	Audit	The DAC configuration was updated in the InputAccel Database: Data Store ID: %1 DAL version: %2 DAC Config ID: %3.

CATEGORY	CODE	TYPE	MESSAGE
IAC	451	Audit	The DAC definition was removed from the InputAccel Database: Data Store ID: %1 DAL version: %2.
IAC	452	Audit	The DAC configuration was removed from the InputAccel Database: DAC Config ID: %1.
IAC	453	Audit	The module value is set in the InputAccel Database: User: %1 Machine: %2 Module: %3 Name: %4.
IAC	454	Audit	The module value was removed from the InputAccel Database: User: %1 Machine: %2 Module: %3 Name: %4.
IAC	455	Audit	The searchable value was added to the InputAccel Database: Process GUID: %1 Step name: %2 Level: %3 Value name: %4.
IAC	456	Audit	The searchable value was removed from the InputAccel Database: Process GUID: %1 Step name: %2 Level: %3 Value name: %4.

CATEGORY	CODE	TYPE	MESSAGE
IAC	457	Audit	The server configuration was added to the InputAccel Database: Server ID: %1 Configuration name: %2.
IAC	458	Audit	The server configuration was updated in the InputAccel Database: Server ID: %1 Configuration name: %2.
IAC	459	Audit	The server configuration was added or updated in the InputAccel Database: Server ID: %1 Configuration name: %2.
IAC	460	Audit	The server configuration was removed from the InputAccel Database: Server ID: %1 Configuration name: %2.
IAC	461	Audit	The report definition was added to the InputAccel Database: ID: %1 Name: %2.
IAC	462	Audit	The report definition was updated in the InputAccel Database: ID: %1 Name: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	463	Audit	The report definition was removed from the InputAccel Database: ID: %1 Name: %2.
IAC	464	Audit	The purge definition was added to the InputAccel Database: ID: %1 Name: %2.
IAC	465	Audit	The purge definition was updated in the InputAccel Database: ID: %1 Name: %2.
IAC	466	Audit	The purge definition was removed from the InputAccel Database: ID: %1 Name: %2.
IAC	467	Audit	The configured purge was added to the InputAccel Database: ID: %1 Name: %2.
IAC	468	Audit	The configured purge was updated in the InputAccel Database: ID: %1 Name: %2.
IAC	469	Audit	The configured purge was removed from the InputAccel Database: ID: %1 Name: %2.
IAC	470	Audit	The configured report was added to the InputAccel Database: ID: %1 Name: %2.

CATEGORY	CODE	TYPE	MESSAGE
IAC	471	Audit	The configured report was updated in the InputAccel Database: ID: %1 Name: %2.
IAC	472	Audit	The configured report was removed from the InputAccel Database: ID: %1 Name: %2.
IAC	473	Audit	The configured purge was executed: ID: %1 Name: %2.
IAC	1001	Error	Global error on server while processing request. Full post back will be triggered.
IAC	1002	Error	An error occurred on server while building response stream. Client will not be updated by response.
IAC	1003	Error	An error occurred on client while processing response. Client will not be updated by response.
IAC	1004	Error	Time out while waiting for response. Response was not processed.

CATEGORY	CODE	TYPE	MESSAGE
IAC	1005	Error	An error occurred on client while processing response for dependant panel. Dependant panel will not be updated by response.
IAC	1006	Error	An error occurred on client while running javascript block(s) provided by response.
IAC	1007	Error	Failure to create css styles provided by response.
IAC	1008	Error	Unknown error while processing request (error: %1).
IAC	1009	Error	An error occurred during code execution through AJAX callback: %1.
IAC	1010	Error	An error occurred during code execution through AJAX callback: %1.
IAC	1011	Error	An error occurred during code execution through AJAX callback: %1.
IAC	1012	Error	An error occurred during XML HTTP Request on a grid.

CATEGORY	CODE	TYPE	MESSAGE
IAC	1013	Error	JavaScript Error occurred in function: %1. Error name: %2, Message: %3, Number: %4.
IAC	1014	Error	An error occurred while requesting page: %1. Exception message: %2.
IAC	1015	Error	An error occurred while posting back page: %1. Exception message: %2.
IAC	1016	Error	An error occurred when requesting path %1: %2.
IAC	1017	Error	Cannot find section '%1' in Web.Config.
IAC	1018	Error	Cannot find settings key '%1' in section '%2' of Web.Config.
IAC	1019	Error	An error occurred when reading key '%1' in section '%2' of Web. Config: %3.
IAC	1020	Error	Cannot find file: %1.
IAC	1021	Error	An error occurred while loading file %1: %2.
IAC	1022	Error	An error occurred while adding workstation hosting machine %1.
IAC	1023	Error	An error occurred while registering Web Service %1.

CATEGORY	CODE	TYPE	MESSAGE
IAC	1024	Error	Web Service %1 already exists.
IAC	1025	Error	Web Services Hosting %1 already exists.
IAC	1026	Error	Cannot get Web Services Default Settings: error %1.
IAC	1027	Error	Cannot set Web Services Settings: error %1.
IAC	1028	Error	Cannot remove service from Hosting error %1.
IAC	1029	Error	Cannot get hostings list: %1.
IAC	1030	Error	An error occurred while adding hosting: %1.
IAC	1031	Error	Hosting is already used: %1.
IAC	1032	Error	Cannot get registered services: Error %1.
IAC	1033	Error	An error occurred while adding hosting: %1.
IAC	1034	Error	Cannot get service dependent batches: Error: %1.
IAC	1035	Error	An error occurred while removing service: %1.
IAC	1036	Error	An error occurred while applying service properties: %1.

CATEGORY	CODE	TYPE	MESSAGE
IAC	1037	Error	An error occurred while setting mapping for method %1.
IAC	1038	Error	An error occurred while getting services: %1.
IAC	1039	Error	Cannot parse WSDL: %1.
IAC	1040	Error	An error occurred while adding service: %1.
IAC	1041	Error	An error occurred while running purge with ID %1 and name '%2': %3.
IAC	1042	Error	An error occurred while removing hosting: %1.
IAC	1201	Warning	Cannot attach context sensitive help on the page %1.
IAC	1202	Warning	An error occurred while setting the context sensitive help on the page %1: %2.
IAC	1401	Audit	Session has timed out (timeout interval: %1).
IAC	1402	Audit	Log in success for %1 (%2).
IAC	1403	Audit	Log in failed for %1. Reason: %2 (%3).
IAC	1404	Audit	Log out success for %1 (%2).
IAC	1405	Audit	Report generation for %1. Report name: %2. Stored procedure name: %3. Parameters and values: %4.

CATEGORY	CODE	TYPE	MESSAGE
IAC	1406	Audit	A new role %1 is created by user %2.
IAC	1407	Audit	The role %1 is updated by user %2.
IAC	1408	Audit	The role %1 is deleted by user %2.
IAC	2001	Error	Subscribe WMI event failed on workstation: %1 Error Message: %2.
IAC	2002	Error	Register TCP channel failed, Error Message: %1.
IAC	2201	Warning	System manager is offline on workstation %1.
IAC	2401	Audit	Monitoring Service has started.
IAC	2402	Audit	Monitoring Service has stopped.
IAC	2403	Audit	Workstation %1 was added for monitoring.
IAC	2404	Audit	Workstation %1 was removed from monitoring.

8.3.4 Completion: Error, Warning, and Audit Log Codes

Table 8-5: Errors, Warnings, and Audits Logged by the Completion Client Module

CATEGORY	CODE	TYPE	MESSAGE
DSK	9000	Error	Fatal error in %1. %2.
DSK	9001	Error	Recoverable error in %1. %2.
DSK	9002	Error	Licensing error in %1. %2.
DSK	9003	Error	Script Engine error in %1. %2.
DSK	9004	Error	User Script error in %1. %2.

8.3.5 Classification Client Module: Error, Warning, and Audit Log Codes

Table 8-6: Classification Client Module Error Log Codes

Error log code	Constant	Message string
4401	DPBLAPIError	This is a batch level <i>API</i> error.
4402	LoadingXMLDataError	Unable to load XML data for node id %1 : %2
4403	CreateTEMPFileError	Unable to create a TEMP file for node id %1 : %2
4404	ParsingResultError	Error while parsing Dispatcher result: %1
4405	SendingStatsError	Statistics - Exception raised while sending statistics: %1 %2
4406	XMLStatsFileNotFound	Statistics - Statistics XML file not found: %1
4407	SettingStatsError	Exception raised while setting Statistics: %1
4408	SettingOCRError	Exception raised while setting OCR data cache: %1

Error log code	Constant	Message string
4409	InitDPBLAPIError	Exception raised while initializing Dispatcher Batch Level API: %1
4410	SettingOutputImageError	Exception raised while setting OutputImage IA Value: %1
4411	NodeIDNotFound	Node id %1 not found
4412	NoInputImageError	No InputImage defined for node id: %1
4413	OutputInstanceNameNotFound	Output instance name %1 not found
4414	DppNotFound	No Dispatcher project (DPP) defined for this node

8.3.6 Collector Client Module: Error, Warning, and Audit Log Codes

Table 8-7: Collector Module Error Log Codes

Error log code	Constant	Message string
4402	LoadingXMLDataError	Unable to load XML data for node id %1 : %2 This event is logged when Intelligent Capture is unable to load <InputXMLData> from a node.
4412	NoInputImageError	No InputImage defined for node id: %1 This event is logged when no <InputImage> is defined for a node.
4414	DppNotFound	No Dispatcher project (DPP) defined for this node This event is logged when no Dispatcher project (DPP) is defined for this node.

Error log code	Constant	Message string
4415	CollectStorageLocationNotFoundError	<p>Documents storage %1 can not be accessed</p> <p>This event occurs when the storage directory is not accessible.</p>
4416	CollectCopyImageError	<p>Image file can not be copied for node %1 : %2</p> <p>This event occurs when the image file can not be copied for collectable node (level 0).</p>
4417	CollectCopyXMLDataError	<p>XMLData file can not be copied for node %1 : %2</p> <p>This event occurs when the <i><InputXMLData></i> file can not be copied for collectable node (level 0).</p>
4418	CollectRollbackError	<p>Collected Data Rollback failed node %1</p> <p>This event occurs when rollback failed to delete incomplete collected data.</p>
4419	CollectSettingsNotFoundError	<p>Settings can not be found for project %1</p> <p>This event occurs when the <i>DPS</i> file can not be found.</p>
4422	CollectMissingOCRWarning	<p>OCR data is missing for node %1, cannot be collected</p> <p>This event occurs when there is no <i>OCR</i> file for collectable node (level 0).</p>
4423	CollectCopyOCRWarning	<p>OCR data can not be copied for node %1 : %2</p> <p>This event occurs when the OCR file can not be copied for collectable node (level 0).</p>

8.3.7 Documentum Advanced Export Client Module: Error, Warning, and Audit Log Codes

Table 8-8: Errors, Warnings, and Audits Logged by the Documentum Advanced Export Client Module

CATEGORY	CODE	TYPE	MESSAGE
DEM	9000	Error	DFC not found on this workstation and must be installed before proceeding.
DEM	9003	Error	A new transaction could not be started due to Documentum error: %1.
DEM	9004	Error	Cannot abort the current export transaction due to Documentum error: %1.
DEM	9005	Error	Cannot commit the current export transaction due to Documentum error: %1.
DEM	9006	Error	Unable to connect to Repository %1. Check credentials and try again. Message from Documentum: %2.
DEM	9007	Error	The object was not found. Use Documentum Webtop Client to find the object in the repository or verify the settings on the Objects tab. Search string : %1.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9009	Error	The value %1 contains more than %2 characters and must be reduced before transfer to Documentum.
DEM	9010	Error	Unable to link a %1 (%2) to a %3 (%4). Verify the object order in the Documentum Advanced Export Setup window Objects tab.
DEM	9011	Error	Cannot create DFC object %1.
DEM	9012	Error	An error occurred while checking in the object %1 due to Documentum error: %2.
DEM	9013	Error	An error occurred while checking out object %1 due to Documentum error: %2.
DEM	9014	Error	Object %1 is already checked out. Use 'Cancel already checked out objects' to remove locks from the object.
DEM	9015	Error	More than one object with the same name was found when exporting %1.
DEM	9016	Error	DQL invocation failed. Query is - %1.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9017	Error	A document was found which already contains the same path (%1). Check the settings under the Version tabs.
DEM	9018	Error	Invalid node ID for finding the process ID for object level %1.
DEM	9019	Error	No step was given for finding the process ID for object level %1.
DEM	9020	Error	A document was found which already contains the content type %1. Check the settings under the Content and Version tabs.
DEM	9021	Error	A document was found which did not contain the content type %1. Check the settings under the Content and Version tabs.
DEM	9022	Error	More renditions are being exported than there are primary content files. Documentum only allows as many renditions as primary contents.
DEM	9023	Error	The specified ACL cannot be applied to object %1.
DEM	9024	Error	The specified owner %1 cannot be applied to object %2.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9025	Error	Index value - %1 of the repeating attribute should be a number.
DEM	9027	Error	Cannot cast deserialized settings from a task to the new module setup format.
DEM	9028	Error	Cannot deserialize settings from the task, usually due to a corrupted xml file in the task value.
DEM	9029	Error	Use Administrator Console to set up this batch before exporting it.
DEM	9030	Error	An error occurred while sending the RescanPlus declined event.
DEM	9031	Error	An error occurred in the current process ID - %1 due to Documentum error: %2.
DEM	9032	Error	Cannot find the task step %1 to create the process ID.
DEM	9033	Error	Bad Rescan settings were encountered. The task should use the original image settings to export rescanned images.
DEM	9034	Error	Cannot save or convert an image from node #%1 due to : %2.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9035	Error	An error occurred while saving Documentum object %1 (%2) due to Documentum error: %3.
DEM	9036	Error	Cannot create a step of the business process %1 due to Documentum error: %2.
DEM	9037	Error	An error occurred while trying to add a package of type %1 to process %2, activity %3, input port %4 due to Documentum error: %5.
DEM	9038	Error	Cannot find a business process running instance %1.
DEM	9039	Error	Cannot find the lifecycle object %1.
DEM	9040	Error	Cannot attach lifecycle policy to the object %1, LifeState %2, LifeAlias %3 due to Documentum error: %4.
DEM	9041	Error	Unable to set document %1 (%2) content type %3 due to Documentum error :%4.
DEM	9042	Error	Empty result by DQL invocation. Query is - %1.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9043	Error	An unknown error occurred while creating object %1 using DFC. Check the content server logs for more information.
DEM	9044	Error	Unable to create branch of object %1 version %2.
DEM	9045	Error	Unable to set attributes for object %1 (%2) due to error: %3.
DEM	9046	Error	Unable to complete delete operation due to Documentum error: %1.
DEM	9047	Error	OpenText Documentum Server does not contain the %1 object type, or it is not based on the dm_document, dm_cabinet or dm_folder type.
DEM	9048	Error	Cannot get super_type for %1.
DEM	9049	Error	More than one object was found when executing DQL query: %1. The module cannot determine which object to use.
DEM	9050	Error	Script execution error: %1 Event: '%2'.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9051	Error	Object %1 can not be created using the specified path %2. Objects dm_folder, dm_document, or objects inherited from them cannot be the root node of the Documentum tree.
DEM	9052	Error	Object %1 search criteria cannot be empty.
DEM	9053	Error	Variable %1 has an incorrect value %2 and cannot be parsed.
DEM	9054	Error	Variable %1 has an incorrect value %2. Action value should be 0, 1, 2 or 3.
DEM	9055	Error	Process template %1 is not found. Verify that it is installed and validated.
DEM	9056	Error	An error occurred while getting IA Value %1 from the node(ID=%2). See the log for more details.
DEM	9057	Error	Unable to initialize script helper. Some scripts are corrupted on the server %1.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9058	Error	Cannot use path %1 to find object of type %2. Format of the Documentum path is invalid and should be in the form /Cabinet/ Folder/Document.
DEM	9059	Error	Unable to find image value - %1.
DEM	9060	Error	Unable to create an object without it's name using definition %1. Please setup object_name attribute for new objects.
DEM	9061	Error	There was a problem while getting the repository list: %1 Please check the connection availability or the dfc setup settings.
DEM	9062	Error	Cannot continue processing due to fatal DFC error: %1 Please restart the module to continue.
DEM	9063	Error	Unable to get image file using value %1. The most frequent problem is using empty image value in the task.
DEM	9064	Error	An error occurred while validating value [%1] of attribute [%2] due to Documentum error: %3.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9065	Error	Unable to add object %1 Id:%2 to user %3 queue due to : %4.
DEM	9066	Error	Queue priority should be a number.
DEM	9067	Error	Unable to attach aspect %1 to the object %2 due to : %3.
DEM	9068	Error	Unable to start a new batch(feature of Documentum High-Volume server) due to: %1.
DEM	9069	Error	Unable to close batch(feature of Documentum High-Volume server) due to: %1.
DEM	9070	Error	Unable to abort batch(feature of Documentum High-Volume server) due to: %1.
DEM	9071	Error	Unable to commit batch(feature of Documentum High-Volume server) due to: %1.
DEM	9072	Error	Unable to find method %1(%2) in business object instance. Please check declaration name and arguments of business object method.
DEM	9073	Error	Unable to connect to Repository %1 using empty user name. Provide a user name and try again.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9074	Error	Setup is cancelled by user.
DEM	9200	DebugInfo	Trying to log in to the Documentum Server using batch or process settings.
DEM	9201	DebugInfo	Connection to the %1 repository has been established.
DEM	9202	DebugInfo	Trying to log in to the Documentum Server using loginex parameters.
DEM	9204	DebugInfo	There are no pages in the task so there is nothing to export.
DEM	9205	DebugInfo	The pages in the task are already processed.
DEM	9206	DebugInfo	Process task %1 started.
DEM	9207	DebugInfo	Process task %1 finished.
DEM	9208	DebugInfo	Process node #%1 started.
DEM	9209	DebugInfo	Processing node # %1 with retry #%2 has finished.
DEM	9210	DebugInfo	Trying to create object %1.
DEM	9211	DebugInfo	Object %1 with object ID %2 has been created.
DEM	9212	DebugInfo	Searching for object %1.
DEM	9213	DebugInfo	Found the object ID %1.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9214	DebugInfo	Cannot find object.
DEM	9215	DebugInfo	Folder was set to the default. Object type %1 permission ACL inheritance is unavailable for dm_cabinet objects and subtypes so there are no parent folders for the cabinet objects.
DEM	9216	DebugInfo	Object %1 by %2 definition was checked out.
DEM	9217	DebugInfo	Checkout for object %1 by %2 was completed successfully.
DEM	9218	DebugInfo	Object for definition %1 does not exist. Trying to create an object in the user %2 cabinet.
DEM	9219	DebugInfo	Setting the object attributes.
DEM	9220	DebugInfo	Setting the object ACLs.
DEM	9221	DebugInfo	Setting full text indexing for the object.
DEM	9222	DebugInfo	Checking content for the document object.
DEM	9223	DebugInfo	Check content for rendition %1 of document object.
DEM	9224	DebugInfo	Saving the image to a temp file for rendition %1 of the document object.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9225	DebugInfo	Setting the primary(%1) content page.
DEM	9226	DebugInfo	Setting the rendition(%1) content page %2.
DEM	9227	DebugInfo	Applying lifecycle %1 to document %2.
DEM	9228	DebugInfo	Trying to link object %1 (Definition - %2) to %3 (Definition - %4).
DEM	9229	DebugInfo	Document found by definition %1 was already used by definition: %2. When content export begins, it will be ignored.
DEM	9230	DebugInfo	Object %1 (%2) is already linked to object %3 (%4). Double linking will not be performed.
DEM	9231	DebugInfo	Object %1 (%2) already has a child link definition. Definition %3 will be ignored to avoid double linking.
DEM	9232	DebugInfo	Cannot verify that object %1 (%2) is linked to object %3 (%4). Try to link them manually.
DEM	9233	DebugInfo	Starting business process %1.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9234	DebugInfo	An unknown error occurred. Please see the log for more details.
DEM	9235	DebugInfo	Skipping the already exported page (Node id = %1).
DEM	9236	DebugInfo	Skipping the page processed in scripting (Node id = %1).
DEM	9237	DebugInfo	1%
DEM	9238	DebugInfo	Exporting images.
DEM	9239	DebugInfo	Exported document info : Name:%1, Path:%2, ObjectID:%3, Node(s):%4.
DEM	9240	DebugInfo	Object %1 Id:%2 is added to user %3 Inbox queue.
DEM	9400	Warning	The batch contains invalid data and will be truncated resulting in possible data loss.
DEM	9401	Warning	This batch has non-default settings for Router which will be ignored because Documentum Advanced Export does not support these settings.
DEM	9402	Warning	Negative index value %1 of repeating attribute %2 will be treated as zero.

CATEGORY	CODE	TYPE	MESSAGE
DEM	9403	Warning	Exporting the document (id = %1) without any content. Check the batch settings.
DEM	9404	Warning	There are multiple definitions in the export list that reference the same object. Only the first definition will be exported. Ignoring definition %1. Please check the batch settings.
DEM	9405	Warning	Cannot log in to the repository [%1] using LoginEx [%2] parameters.

8.3.8 Image Converter Client Module: Error, Warning, and Audit Log Codes

Table 8-9: Errors, Warnings, and Audits Logged by the Image Converter Client Module

CATEGORY	CODE	TYPE	MESSAGE
ICV	0	Error	Windows metafile was not received.
ICV	1	Error	Encoder parameters were not received.
ICV	2	Error	Another instance of ImageConverter is already running in production mode.
ICV	3	Error	Module options are empty.

CATEGORY	CODE	TYPE	MESSAGE
ICV	4	Error	MS Word cannot be started. (make sure it is installed on your computer), error: %1.
ICV	5	Error	MS Excel cannot be started (make sure it is installed on your computer), error: %1.
ICV	6	Error	MS PowerPoint cannot be started (make sure it is installed on your computer), error: %1.
ICV	7	Error	MS Internet Explorer cannot be started (make sure it is installed on your computer), error: %1.
ICV	8	Error	Converter settings are empty.
ICV	9	Error	TIFF encoder is not found.
ICV	10	Error	Could not find document name.
ICV	11	Error	Virtual printer in MS Internet Explorer is disabled.
ICV	12	Error	Operation timeout. MS Internet Explorer is hanging.
ICV	13	Error	Virtual printer is hanging. Timeout: %1 min, time elapsed: %2 min.

CATEGORY	CODE	TYPE	MESSAGE
ICV	14	Error	Non-image document rendering is hanging. Timeout: %1 min, time elapsed: %2 min.
ICV	15	Error	In process %1", step "%2" module is triggered at %3, that is incorrect. ImageConverter should be triggered at level 1".
ICV	16	Error	Cannot find temporary file. Path: %1.
ICV	17	Error	Temporary file is empty. Path: %1.
ICV	18	Error	Processing is canceled by user.
ICV	19	Error	Path to temporary file is empty.
ICV	20	Error	Current task doesn't contain input file for processing.
ICV	21	Warning	Virtual Printer: InputAccel Virtual Printer" is not found."
ICV	22	DebugInfo	Can't recognize document type for the input file. Trying to process it as an image file. The input document extension: %1.
ICV	23	Warning	Server error. Server will be stopped, exception: %1.

CATEGORY	CODE	TYPE	MESSAGE
ICV	24	Warning	Virtual printer error, exception: %1.
ICV	25	Warning	Processing of non-image document failed, exception: %1.
ICV	26	DebugInfo	Getting document from batch. Please wait, as it can take several minutes.
ICV	27	DebugInfo	Preparing document for printing. Please wait, as it can take few minutes.
ICV	28	DebugInfo	The document will be processed as a non-image document.
ICV	29	Warning	Server is hanging. It will be destroyed.
ICV	34	Warning	The document name check failed, document will be skipped. Template: %1, Doc name: %2.
ICV	52	DebugInfo	Waiting for virtual printer. Timeout: %1 min, time elapsed: %2 min.
ICV	59	DebugInfo	Sending document number %1 to virtual printer.
ICV	60	DebugInfo	Adding page: %1.
ICV	83	Error	Current task doesn't find profile file for processing.

CATEGORY	CODE	TYPE	MESSAGE
ICV	84	Error	Currently used profile is corrupted.
ICV	85	Error	Adobe SDK exception: %1.
ICV	86	Warning	PDF files versions are not the same.
ICV	87	Warning	Wrong image compression type.
ICV	88	Error	Unsupported merge format.
ICV	89	Error	Only single page can be processed.
ICV	90	Error	Only single page PDF can be processed.
ICV	91	Error	Only single page image can be processed.
ICV	92	Error	ImageConverter can't start.
ICV	93	Error	The input PDF file isn't PDF/A 1B.
ICV	94	Error	The input type is multipage at document level, but the trigger Level is page level.
ICV	95	Error	Unsupport file type %1 to be parse with virtual printer.
ICV	96	Warning	Saving tags to a file, exception: %1.
ICV	97	Error	Extension IValue is empty or null.

8.3.9 Intelligent Capture Server: Error, Warning, and Audit Log Codes

Table 8-10: Errors, Warnings, and Audits Logged by the Intelligent Capture Server Client Module

CATEGORY	CODE	TYPE	MESSAGE
IAS	0	Error	1%
IAS	0	Warning	1%
IAS	1	Audit	The initial InputAccel Server startup has completed. Not all functionality is available yet. InputAccel Database is not fully populated.
IAS	1	Audit	Server
IAS	2	Audit	Client
IAS	2	Audit	InputAccel Server is shutting down. No additional client connections are accepted. No additional events are logged.
IAS	3	Audit	InputAccel Server has successfully paused.
IAS	3	Audit	Miscellaneous
IAS	4	Audit	Licensing
IAS	4	Audit	InputAccel Server has successfully resumed and is fully operational.
IAS	5	Audit	This InputAccel Server was added to a ScaleServer group.
IAS	5	Audit	Process Execution.

CATEGORY	CODE	TYPE	MESSAGE
IAS	6	Audit	This InputAccel Server was removed from a ScaleServer group.
IAS	7	Audit	InputAccel Server is ready for client connections.
IAS	8	Audit	The InputAccel Database has finished loading for this server.
IAS	10	Audit	A new batch was created.
IAS	11	Audit	An existing batch was deleted.
IAS	12	Audit	The priority of a batch has changed.
IAS	13	Audit	The status of a batch has changed.
IAS	14	Audit	The status message of a batch has changed.
IAS	16	Audit	Accumulated changes to this batch were written to permanent storage (synchronized).
IAS	17	Audit	Batch has rolled back to the last known good state.
IAS	18	Audit	The description of a batch has changed.
IAS	19	Audit	The name of a batch has changed.

CATEGORY	CODE	TYPE	MESSAGE
IAS	23	Audit	A batch was loaded into memory.
IAS	24	Audit	A batch was unloaded from memory but is still available.
IAS	50	Audit	An IAP was loaded into memory.
IAS	51	Audit	An IAP was unloaded from memory but is still available.
IAS	52	Audit	A new IAP was installed.
IAS	53	Audit	An existing IAP was deleted.
IAS	54	Audit	The priority for an IAP has changed.
IAS	55	Audit	The description for an IAP has changed.
IAS	56	Audit	The IAP name has changed.
IAS	70	Audit	A module established a connection.
IAS	71	Audit	A module has disconnected.
IAS	72	Audit	A module login succeeded.
IAS	73	Audit	A module login failed.
IAS	74	Audit	A module has logged-out.
IAS	80	Audit	Dynamic Department for one of the steps in process was set to a different value.

CATEGORY	CODE	TYPE	MESSAGE
IAS	100	Audit	A new node was created in a batch.
IAS	101	Audit	An existing node was deleted from a batch.
IAS	102	Audit	A node move operation has started.
IAS	103	Audit	A node move operation has completed.
IAS	121	Audit	A task was sent to a module for processing.
IAS	122	Audit	A task was received by a module and is being processed.
IAS	123	Audit	A task was finished by a module.
IAS	130	Audit	A level 0 node for a task was finished.
IAS	131	Audit	A level 1 node for a task was finished.
IAS	132	Audit	A level 2 node for a task was finished.
IAS	133	Audit	A level 3 node for a task was finished.
IAS	134	Audit	A level 4 node for a task was finished.
IAS	135	Audit	A level 5 node for a task was finished.
IAS	136	Audit	A level 6 node for a task was finished.

CATEGORY	CODE	TYPE	MESSAGE
IAS	137	Audit	A level 7 node for a task was finished.
IAS	160	Audit	A dynamic value was created in batch (by IPP code).
IAS	161	Audit	An IA Value was requested by a module or IPP code.
IAS	162	Audit	An IA Value was set by a module or IPP code.
IAS	170	Audit	A stage file for a node was read.
IAS	171	Audit	A stage file for a node was written.
IAS	172	Audit	A stage file for a node was deleted.
IAS	180	Audit	A module configuration file was read.
IAS	181	Audit	A module configuration file was written.
IAS	182	Audit	A module configuration file was deleted.
IAS	190	Audit	Permissions %1 changed on a security object %2.
IAS	191	Audit	Permissions check %1 on a security object %2 failed.
IAS	192	Audit	Permissions check %1 on a security object %2 succeeded.
IAS	193	Error	Failed to open Logger [%1] - %2.

CATEGORY	CODE	TYPE	MESSAGE
IAS	194	Warning	The InputAccel Server could not check client locale settings during connection. Connection is allowed, but if locale settings on the client machine are different from the server locale settings, this may lead to incorrect localized data (i.e. Dates, Currency or Decimal numbers). Client machine = %1.
IAS	195	Error	Incompatible database major version (%1). Expected major version %2.
IAS	196	Warning	The Client has different locale settings than the InputAccel Server. Connection is refused. Client machine = %1.
IAS	197	Error	A 6.0 Client tried to connect to a 6.0.1 non-English Server and this is not allowed as InputAccel 6.0 is an English-only version. To avoid data corruption, connection is refused. Client machine = %1.

CATEGORY	CODE	TYPE	MESSAGE
IAS	198	Error	Error %1 creating batch [%2] from [%3].
IAS	199	Audit	Checking availability of InputAccel Database.
IAS	200	Error	InputAccel Database is unavailable.
IAS	201	Error	InputAccel Database is unavailable - resume failed.
IAS	202	Audit	Migrating module files to InputAccel Database.
IAS	203	Audit	Migrating license data to InputAccel Database.
IAS	204	Error	Fatal error. Check your database version. If database version is correct check values.idx: If values.bak exists, delete values.idx and then rename values.bak to values.idx and restart IA Server. If that doesn't fix the problem, call customer service for instructions.
IAS	205	Warning	Server serial number has changed: old = %1, new = %2.

CATEGORY	CODE	TYPE	MESSAGE
IAS	206	Warning	License changes occurred in both DB and values - DB changes will prevail.
IAS	208	Audit	Configuration changed: (pending change types = %1).
IAS	209	Audit	Processing configuration changes (%1).
IAS	210	Error	Failed to connect to InputAccel Database (host = %1).
IAS	211	Error	Configuration change failed (type = %1).
IAS	212	Error	Failed to connect to InputAccel Database, unknown host name (perhaps the DAL is not configured properly).
IAS	213	Audit	IA Server not found in InputAccel Database - adding it (%1).
IAS	214	Audit	Migrating server registry settings to InputAccel Database.
IAS	215	Audit	Migrating server data (values.idx) to InputAccel Database.
IAS	216	Audit	Server configuration changed: %1.
IAS	217	Audit	License not found - %1, renumbering %2..%3.

CATEGORY	CODE	TYPE	MESSAGE
IAS	218	Audit	Adding license to DB - %1.
IAS	219	Audit	License data has changed - %1.
IAS	220	Audit	Updating license in DB - %1.
IAS	221	Audit	Deleting license from DB - %1.
IAS	222	Audit	Setting license values [%1] - %2.
IAS	223	Warning	Batch %1 (%2): Batch is being rolled back to last known good state. Last known good time: %3.
IAS	224	Warning	values.idx is being rolled back to last known good state. Last known good time: %1.
IAS	225	Warning	Task set on error for batch %1 (id=%2), step %3, node %4.
IAS	226	Warning	Task error cleared for batch %1 (id=%2), step %3, node %4.
IAS	256	Audit	The InputAccel Server has started as %1.
IAS	257	Audit	The InputAccel Server has stopped.
IAS	258	Audit	The InputAccel Server has been paused.
IAS	259	Audit	The InputAccel Server has been continued.

CATEGORY	CODE	TYPE	MESSAGE
IAS	260	Error	The InputAccel Server failed to respond to Pause control command.
IAS	261	Error	The InputAccel Server failed to respond to Continue control command.
IAS	262	Error	Initialization of the InputAccel Server failed at step %1: %3. (Error code %2.).
IAS	263	Audit	Created batch %1 from process %2.
IAS	264	Audit	Deleted batch %1.
IAS	265	Warning	Batch %2 (%3): %1 pages were deleted because they could not be committed.
IAS	266	Audit	The InputAccel Server is attempting to stop.
IAS	267	Audit	The InputAccel Server is ready for client connections.
IAS	268	Error	NT error %1 occurred while writing file %2.
IAS	269	Error	Couldn't load batch/process %1 for initialization. Failed at step %2: %3 (error code %4).
IAS	270	Error	Failed to read server serial number.

CATEGORY	CODE	TYPE	MESSAGE
IAS	271	Error	InputAccel Server could not get the privilege %1. Use the Use Local Security Policy or User Manager to enable this right for the logged-on user.
IAS	272	Error	InputAccel Server could not find the service %1 due to error %2. Make sure it is in the Services file, and that there is a blank line at the end of the file.
IAS	273	Warning	Warning: InputAccel Server's disk is almost full. No more processing can take place until more disk space is made available.
IAS	274	Audit	InputAccel Server now has enough disk space. Processing will continue.
IAS	275	Error	InputAccel Server's internal date (%1) does not match the system date (%2). Licensing codes may be affected.
IAS	277	Warning	Batch %1 (%2): Files deleted in PCF (stage %3) are being recovered. Other deleted files are being removed.

CATEGORY	CODE	TYPE	MESSAGE
IAS	278	Error	PixSafe Error: %1.
IAS	279	Audit	Creating values.idx file.
IAS	280	Warning	Attempting to restore backed up values.idx because the existing file has been corrupted.
IAS	281	Warning	Deleting values.idx because existing file has been corrupted and no viable backup is available.
IAS	283	Audit	InputAccel Server's internal date has been reset to %1/%2/%3 to match the system date.
IAS	284	Audit	InputAccel Server is running low on virtual address space. Batches will be removed from memory before the BatchMaxLoaded value has been reached.
IAS	285	Error	You must be an Administrator to change InputAccel Server parameters. [%1]
IAS	286	Error	Couldn't load batch/process %1. Failed at step %2: %3 (error code %4).

CATEGORY	CODE	TYPE	MESSAGE
IAS	287	Error	Error %1 locking batch %2 while recovering tasks from closed client connection.
IAS	288	Error	InputAccel Server could not get necessary access privileges. Make sure the logged-on user is a member of the %1 or Administrators group.
IAS	289	Error	The InputAccel Server could not pause because there is a debugging session currently open.
IAS	290	Error	The InputAccel Server could not get the server name.
IAS	291	Error	The InputAccel Server could not allocate enough %1 for file %2. The Server is shutting down. Work may be lost.
IAS	292	Error	The ScaleServer settings are invalid (ScaleServerBase=%1, ScaleServerIndex=%2, ScaleServerGroup=%3).
IAS	293	Error	The InputAccel Server had an internal error %1.

CATEGORY	CODE	TYPE	MESSAGE
IAS	294	Warning	*** WARNING: InputAccel Server is a special test build -- DO NOT SHIP! ***
IAS	295	Warning	Unable to write process memory snapshot file because InputAccel server's root data directory is not yet initialized (probably because server is starting up).
IAS	296	Warning	Starting writing process memory snapshot to file '%1'.
IAS	297	Warning	Failed writing process memory snapshot to file '%1' due to error %2.
IAS	298	Warning	Finished writing process memory snapshot to file '%1'.
IAS	299	Error	FATAL ERROR -- EXITING PROCESS, context '%1', IA error %2, file %3, function/line %4, stack %5.

CATEGORY	CODE	TYPE	MESSAGE
IAS	300	Warning	Server processing has stalled possibly due to deadlock number %1. Please wait for either message "You may now stop or kill the server processor" or "Server processing has resumed."
IAS	301	Audit	Server processing has resumed after temporary stalling.
IAS	302	Warning	Starting writing %1 of 2 process memory snapshots for possible deadlock number %2 to file '%3'. Please wait for either message "You may now stop or kill the server process" or "Server processing has resumed."
IAS	303	Warning	Finished writing %1 of 2 process memory snapshots for possible deadlock number %2 to file '%3'. Please wait for either message "You may now stop or kill the server process" or "Server processing has resumed."

CATEGORY	CODE	TYPE	MESSAGE
IAS	304	Warning	Finished writing %1 of 2 process memory snapshots for possible deadlock number %2 to file '%3'. You may now stop or kill the server process if the server still appears stalled.
IAS	305	Error	Cannot generate process memory dump file due to error %1.
IAS	306	Error	ERROR: Exception %1.
IAS	307	Error	Failed to bind TCP socket due to error (IPv4 = %1, IPv6 = %2).
IAS	308	Warning	A client %1 from machine %2 has abnormally disconnected.
IAS	309	Warning	Event processing failed %1 successive times - aborting further attempts to recover.
IAS	310	Warning	InputAccel Database is unavailable - Server will pause and try reconnecting every %1 seconds.
IAS	311	Warning	InputAccel Database is available - Server will resume.

CATEGORY	CODE	TYPE	MESSAGE
IAS	312	Warning	InputAccel Database critical error occurred - Server will pause without trying to reconnect.
IAS	512	Audit	A client has connected.
IAS	513	Audit	A client has disconnected.
IAS	514	Audit	1%
IAS	515	Warning	Client login (%1) includes Servers not members of the ScaleServer group (ScaleServerGroup=%2); connection rejected.
IAS	516	Audit	Client login for '%1' for module '%2' on machine '%3' succeeded.
IAS	517	Audit	Client login for '%1' for module '%2' on machine '%3' failed, error code %4.
IAS	518	Audit	Client non-challenge/response login for '%1' for module '%2' on machine '%3' succeeded.
IAS	519	Audit	Client non-challenge/response login for '%1' for module '%2' on machine '%3' failed, error code %4.
IAS	641	Audit	1%

CATEGORY	CODE	TYPE	MESSAGE
IAS	642	Error	Batch '%1', Task node %2: Exception '%3' detected while calling routine %4. This task will be put into the error state.
IAS	768	Warning	Warning: the %1 %2 %3 (Current pages = %4. Allowed = %5.) Please contact the vendor of the %1 for more information about licensing.
IAS	769	Warning	Module %1 is no longer licensed. Processing will stop until it is properly licensed.
IAS	770	Audit	Module %1 is now licensed properly. Processing will continue.
IAS	771	Error	You must be an Administrator to change license codes. [%1 / %2 / %3]
IAS	772	Warning	The license for %1 with code %2%3. The license has used %4 of %5 pages
IAS	773	Warning	The license for %1 with code %2%3.

CATEGORY	CODE	TYPE	MESSAGE
IAS	774	Warning	The InputAccel Server has detected that you have installed an Activation file but have not activated it. The server is now fully operational in a grace period that will expire in %1 days, %2 hours, %3 minutes. To activate now, see the InputAccel Installation and Configuration Guide.
IAS	775	Warning	The InputAccel Server has detected that you have installed a new Activation file since the last time you activated the product but have not reactivated it. The server is now fully operational in a grace period that will expire in %1 days, %2 hours, %3 minutes. To reactivate now, see the InputAccel Installation and Configuration Guide.

CATEGORY	CODE	TYPE	MESSAGE
IAS	776	Warning	<p>The InputAccel Server environment has changed significantly since the last time you activated the product. The server is now fully operational in a grace period that will expire in %1 days, %2 hours, %3 minutes. To resolve this, reconfigure your server hardware back to its previous configuration and restart InputAccel Server or reactivate the product. To reactivate now, see the InputAccel Installation and Configuration Guide.</p>

CATEGORY	CODE	TYPE	MESSAGE
IAS	777	Warning	The InputAccel Server environment has changed significantly since the last time you activated the product or you are using a node of an MSCS Cluster that was not activated. The server is now fully operational in a grace period that will expire in %1 days, %2 hours, %3 minutes. To resolve this, reconfigure your server hardware back to its previous configuration and restart InputAccel Server or activate the product on this cluster node. To activate now, see the InputAccel Installation and Configuration Guide.
IAS	778	Warning	The InputAccel Server license activation grace period has expired. To activate now, see the InputAccel Installation and Configuration Guide.

CATEGORY	CODE	TYPE	MESSAGE
IAS	779	Warning	The InputAccel Activation file change grace period has expired. To restore activation, see the InputAccel Installation and Configuration Guide.
IAS	780	Warning	The InputAccel Server environment modification grace period has expired. To restore activation, either reconfigure your hardware back to its previous configuration and restart InputAccel Server or reactivate the product. To activate now, see the InputAccel Installation and Configuration Guide.

CATEGORY	CODE	TYPE	MESSAGE
IAS	781	Warning	The grace period has expired. Either the InputAccel Server environment changed significantly since the last time you activated the product or you are using a node of an MSCS Cluster that was not activated. To restore activation, either reconfigure your hardware back to its previous configuration and restart InputAccel Server, or reactivate the product. To reactivate now, see the InputAccel Installation and Configuration Guide.
IAS	1155	Audit	is well below its licensed processing capability.
IAS	1156	Audit	is within 10% of its licensed processing capability.
IAS	1157	Audit	is within 5% of its licensed processing capability.
IAS	1158	Warning	has reached its licensed processing capability.

CATEGORY	CODE	TYPE	MESSAGE
IAS	1159	Warning	has exceeded its licensed processing capability.
IAS	1160	Warning	has exceeded its licensed processing capability.
IAS	1161	Warning	has exceeded its licensed processing capability.
IAS	1162	Warning	has exceeded its licensed processing capability.
IAS	1163	Warning	has exceeded its licensed processing capability.
IAS	1164	Warning	has exceeded its licensed processing capability.
IAS	1165	Warning	has exceeded its licensed processing capability.
IAS	1166	Warning	has exceeded its licensed processing capability.
IAS	1167	Warning	has exceeded its licensed processing capability.
IAS	1168	Warning	has exceeded its licensed processing capability.
IAS	1169	Error	has exceeded its licensed processing capability. No more processing will be allowed.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2227	Error	Failed to get logging rules [%1] - %2.
IAS	2228	Audit	Logging database is offline. HRESULT = %1, Error = %2.
IAS	2229	Audit	Ignoring event received while offline. Event=%1, BatchID=%2.
IAS	2230	Audit	retryable error
IAS	2231	Audit	logging rules in transition
IAS	2232	Audit	critical error
IAS	2233	Audit	non-critical error
IAS	2234	Audit	internal error
IAS	2235	Error	Failed to log event (%1): ID = %2, BatchID = %3 [%4] - %5.
IAS	2236	Warning	ProcessFileDongleState: different dongle data version: %1 (looking for 1).
IAS	2237	Warning	AddBatchState failed due to error %1 for batch %2.
IAS	2238	Error	Error %1 has occurred during batch import (%2). Manual recovery may be necessary.
IAS	2239	Error	Attempt to unload batch %1 from memory while locked.
IAS	2240	Warning	Bad progress counter %1.
IAS	2241	Audit	process

CATEGORY	CODE	TYPE	MESSAGE
IAS	2242	Audit	batch
IAS	2243	Warning	Warning: %1 GUID %2 already exists (the %1 was copied); changed to %3.
IAS	2244	Error	Error %1 creating batch GUID file %2.
IAS	2245	Warning	Pruning batch from memory because of %1 failure #%2.
IAS	2246	Error	Dongle data batch write failed.
IAS	2247	Error	Failed to sync batch %1: error %2.
IAS	2248	Error	Batch/process [%1] is not a compatible version (%2; current=%3; compatible=%4
IAS	2249	Error	Error: MDF_TYPE_SYMSTRING not supported through dispid..
IAS	2250	Error	Error %1 allocating data from node %2, key %3.
IAS	2251	Error	Error getting data offset from node %1, bit %2, key %3.
IAS	2252	Error	Error trying to get level %1 data, which has no data.
IAS	2253	Warning	Couldn't find real data for key %1.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2254	Error	Error: type %1 not supported through dispid.
IAS	2255	Audit	[File %1"] "
IAS	2256	Audit	-> written to %1" "
IAS	2257	Audit	1%
IAS	2258	Audit	[File %1.cls"] "
IAS	2259	Error	Rolling back file %1
IAS	2260	Warning	Batch/process %1 does not match its internal index %2. Reconciling.
IAS	2261	Error	Trying to lock batch %1 (%2) while deactivated.
IAS	2262	Error	Error %1 renaming Batch %2 from %3 to %4.
IAS	2263	Error	Failed to delete process %1 - cannot unload batch.
IAS	2264	Error	Failed to delete process directory for process %1 (id=%2), rc = %3
IAS	2265	Error	NT Error %1 (-> %2) renaming file [%3] to [%4].
IAS	2266	Warning	Warning: Ignoring configuration value %1; value must be at least %2.
IAS	2267	Warning	Warning: Ignoring configuration value %1; value must be between %2 (%3) KB and %4 (%5) KB.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2268	Error	Error with batch index file (%1).
IAS	2269	Audit	Building batch and process indexes. This may take a while.
IAS	2270	Audit	Waiting for %1 deletes to finish.
IAS	2271	Audit	Unloading batches and processes. This may take a while.
IAS	2272	Audit	Done unloading %1 batches and processes.
IAS	2273	Warning	Index file batchidx.txt is being created with starting index 0.
IAS	2274	Error	Error %1 creating index file batchidx.txt.
IAS	2275	Warning	Warning: Could not set permissions for file batchidx.txt.
IAS	2276	Error	Index file batchidx.txt is currently in use.
IAS	2277	Error	Index file batchidx.txt could not be opened (NT error %1).
IAS	2278	Error	Duplicate index %1.
IAS	2279	Warning	Index file could not be positioned; batch indexes may be duplicated.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2280	Warning	Index file could not be updated; batch indexes may be duplicated.
IAS	2281	Warning	Warning: CreateDirectory(%1) failed but did not return an error.
IAS	2282	Error	Demo licenses are not supported (demo ID found - %1)
IAS	2283	Error	Unexpected licensing error %1 [%2]
IAS	2284	Error	Could not convert date %1/%2/%3! [%4]
IAS	2285	Audit	Demo license expired.
IAS	2286	Warning	Dongle clear date %1 was later than dongle date %2.
IAS	2287	Warning	Software Error - incorrect reset date calculated (%1 >= %2).
IAS	2288	Warning	Module %1 [%2]: total count changing from %3 to %4.
IAS	2289	Audit	Loading licenses from license file...
IAS	2290	Error	File is not a valid license file.
IAS	2291	Error	License file has an unsupported version (%1).
IAS	2292	Error	License file is for the wrong server ID (%1).

CATEGORY	CODE	TYPE	MESSAGE
IAS	2293	Audit	Loaded %1 licenses.
IAS	2294	Warning	Could not rename startlic.lic. Error = %1 (NT error %2).
IAS	2295	Error	Bad ScaleServer setup: Different server version on server %1.
IAS	2296	Error	Server %1 version is too old. Must be version %2 or higher.
IAS	2297	Error	Bad ScaleServer setup: Different ScaleServerID on server %1.
IAS	2298	Error	Bad ScaleServer setup: Different ScaleServerBase on server %1.
IAS	2299	Error	Bad ScaleServer setup: Identical ScaleServerIndex as on server %1.
IAS	2300	Audit	Attempting to borrow %1 pages from %2 (%3 needed).
IAS	2301	Error	Invalid ScaleServer configuration - index out of range (%1).
IAS	2302	Error	ScaleServer reconfiguration failed - server index can't be changed while running (old = %1, new = %2).

CATEGORY	CODE	TYPE	MESSAGE
IAS	2303	Error	Invalid ScaleServer configuration - licensed limit exceeded (%1, %2 allowed).
IAS	2304	Error	Invalid ScaleServer configuration - empty server name (%1).
IAS	2305	Error	Invalid ScaleServer configuration - duplicate server name (%1).
IAS	2306	Error	Invalid ScaleServer configuration - duplicate ScaleServerIndex (%1).
IAS	2307	Audit	ScaleServer parameters: ScaleServerGroup = %1 ScaleServerLimit = %2 ScaleServerIndex = %3
IAS	2308	Audit	Request to change licensed ScaleServer limit, old = %1, new = %2. Changes will only take effect upon restart.
IAS	2309	Error	Cluster authorization failed - not a member (%1).
IAS	2310	Warning	Pages borrowed from this server: %1.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2311	Error	Failed to borrow pages from this server: %1.
IAS	2312	Warning	Pages added to this server: %1.
IAS	2313	Error	Server borrow error: pages requested (%1) exceeds pages used (%2).
IAS	2314	Warning	Warning: Could not register module [%1].
IAS	2315	Audit	Configuration Settings:
IAS	2316	Audit	Use the '%1' command to exit the InputAccel Server.
IAS	2317	Audit	There is one client connected. It will be forcibly disconnected if you choose to shut down. This could result in data loss if still processing.
IAS	2318	Audit	There are %1 clients connected. They will be forcibly disconnected if you choose to shut down. This could result in data loss if still processing.
IAS	2320	Audit	%1 version %2 (compiled %3 %4), product version %5.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2323	Audit	InputAccel Server shutdown aborted.
IAS	2354	Audit	Found department index %1 on module %2; need to remove.
IAS	2355	Error	ERROR - Pure Virtual Call occurred.
IAS	2356	Error	ERROR: _set_purecall_handler handler was replaced since app startup.
IAS	2358	Warning	Cannot unload any more batches. BatchMaxAddressSpaceK limit will be exceeded. Current space used %1 (allocating %2 bytes more).
IAS	2359	Warning	A memory allocation of size %1 failed. Pixsafe file=[%2]. Attempting to free up space.
IAS	2360	Warning	A disk space allocation of size %1 failed. Pixsafe file=[%2]. Attempting to free up space.
IAS	2361	Warning	A mapping of size %1 failed. Pixsafe file=[%2]. Attempting to free up space.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2362	Warning	An operation of size %1 failed, pixsafe file=[%2]. Attempting to free up space.
IAS	2363	Error	Logging initialization failed.
IAS	2364	Error	Requested PixRam size %1 is too large.
IAS	2365	Error	Error %1 creating PixRam disk file on InputAccel Server data drive.
IAS	2366	Audit	The server path is too long. %1" size is %2, limit is %3."
IAS	2369	Audit	Local machine name - %1.
IAS	2370	Audit	Connected to InputAccel Database: Server - %1, Catalog - %2.
IAS	2371	Audit	Serial number: %1.
IAS	2372	Error	AcquireLocks for License Review failed.
IAS	2373	Error	License Review failed.
IAS	2374	Error	Server is not licensed to run multiple copies on one machine.
IAS	2375	Error	Side-by-side operation is not supported with a physical dongle.
IAS	2376	Error	Logging library is not available.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2377	Error	Logging library is not available. Can not log ' IASEvent_ServerStart event' .
IAS	2378	Error	Unable to start processing threads. (Status=%1).
IAS	2379	Warning	Warning: Value Protection has been turned off.
IAS	2380	Error	Unable to start TCP/IP service. (Status=%1).
IAS	2382	Error	AcquireLocks for IASLicenseWriteAllCounts failed.
IAS	2383	Error	ERROR: The IAS Unhandled Exception Filter was replaced by some other library just before %1/%2!.
IAS	2384	Error	Event queue termination failed - forcing thread termination.
IAS	2385	Audit	Initializing logging and retrieving log rules.
IAS	2386	Audit	Initializing Work In Progress.
IAS	2387	Error	Work In Progress initialization failed - logging will not occur.
IAS	2388	Error	WaitForEvent failed [%1].
IAS	2389	Warning	Reg act data write failed, (%1).

CATEGORY	CODE	TYPE	MESSAGE
IAS	2390	Warning	Reg act data read failed, (%1).
IAS	2391	Error	ERROR: DACT-IASAD::FU3 rc=%1.
IAS	2392	Error	IASActivationData::WriteToPixSafe: write failed with error %1.
IAS	2393	Error	Dongle file error %1.
IAS	2394	Warning	Batch or process load is overriding the current server activation state.
IAS	2395	Warning	Dongle file error, nested HRESULT error %1.
IAS	2396	Warning	Dongle CAF file error %1.
IAS	2397	Warning	Dongle file invalid - missing element %1.
IAS	2398	Warning	Dongle file invalid - no dongle element.
IAS	2399	Warning	Dongle file invalid - cannot read signature.
IAS	2400	Warning	Dongle file invalid - bad signature.
IAS	2401	Warning	Dongle file found is only for use with older version of InputAccel.
IAS	2402	Warning	Invalid element in dongle file: %1.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2403	Error	Failed reading and processing dongle file.
IAS	2404	Warning	Server activation state changed from %1 to %2; event = %3.
IAS	2405	Audit	Server activated using server serial number %1.
IAS	2406	Audit	Server will be activated after InputAccel Server is restarted using server serial number %1.
IAS	2407	Audit	CAF activation file activated using server serial number %1.
IAS	2408	Audit	CAF activation file will be activated after InputAccel Server restart using server serial number %1.
IAS	2409	Warning	Dongle data write to values.idx failed.
IAS	2410	Warning	Activation state write failed.
IAS	2411	Audit	IA error %1.
IAS	2412	Audit	NT API error (%1) [%2]; returning %3.
IAS	2413	Audit	NT API error (%1) - No description available; returning %2.
IAS	2414	Audit	HRESULT API error (%1) [%2]; returning %3.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2415	Audit	HRESULT API error (%1) - No description available; returning %2.
IAS	2416	Error	Error %1 (NT = %2) getting free disk space.
IAS	2417	Warning	Error %1 -> %2 on %3.
IAS	2418	Error	Unknown error from %1, %2.
IAS	2419	Error	Unknown error from %1.
IAS	2420	Error	Couldn't find Batch ID %1 for worker %2 when listing connections.
IAS	2421	Warning	Exceeded maximum buffer length (%1) in %2, data is truncated
IAS	2422	Warning	Couldn't find module %1 in module list, skipping
IAS	2423	Audit	Initial loading of batches complete, took %1 milliseconds.
IAS	2424	Audit	Aborting initial loading up of batches because application is quitting
IAS	2425	Warning	CAF file attribute '%1' missing in element '%2'
IAS	2426	Warning	CAF file invalid - no MachineProfileRules element.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2427	Error	Microsoft MSXML 4.0 is not installed.
IAS	2428	Error	Error loading XML file '%1'
IAS	2429	Warning	ERROR: XML file '%1' contains invalid XML format: Error code: %2 Error description: '%3' Line#/Char#: %4 Line text: '%5'
IAS	2430	Warning	CAF file attribute '%1' not allowed in element '%2'
IAS	2431	Audit	Got new connection, hCon = %1.
IAS	2432	Error	Error pinging client %1 (r= %2).
IAS	2433	Error	Error -- must be logged in to execute client message ID %1 from hCon=%2, machine / module= %3, packet=%4 (%5)
IAS	2434	Warning	Locale setting check is disabled.
IAS	2435	Error	Error %1 handling file name [%2]
IAS	2436	Error	Error %1 deleting file [%2]
IAS	2437	Error	GetComputerNameEx failed with error %1 client message ID %2 (%3), hCon=%4

CATEGORY	CODE	TYPE	MESSAGE
IAS	2438	Error	Error processing queued message (ID/name): (%1) from hCon=%2 (id=%3), packet=%4, rc=%5
IAS	2439	Error	Error -- Authorization Check Failed. Error code %1 on client message ID %2 from hCon=%3, (machine / module / packet)=(%4) (%5)
IAS	2440	Error	AcquireLocks failed with error %1 client message ID %2 (%3), hCon=%4
IAS	2441	Warning	Client message '%1' tried to return multiple replies for one message.
IAS	2442	Error	Cannot find module name %1
IAS	2443	Error	%1 failed
IAS	2444	Error	IASNetInitServer failed with error %1.
IAS	2445	Error	Cannot shut down message dequeuer thread. This may occur if the process Visual Basic code is in an infinite loop.
IAS	2446	Error	Cannot shut down the listener thread.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2447	Audit	The InputAccel Server is starting in IPv6 only mode because XP and Win 2003 do not support dual listening mode.
IAS	2448	Audit	The InputAccel Server is starting in dual listening mode both IPv6 and IPv4 supported
IAS	2449	Warning	Calling WSAStrngToAddress with given IP = %1 failed, defaulting to INADDR_ANY
IAS	2450	Audit	The InputAccel Server is starting in IPv4 only mode
IAS	2451	Audit	InputAccel Server ready.
IAS	2452	Warning	Failed to post internal message due to low resources, attempt #%1 of %2
IAS	2453	Error	Failed to post internal message (error %1)
IAS	2454	Audit	Connection lost, hCon=%1 (id=%2) (module=%3, machine=%4)
IAS	2455	Error	CreateIoCompletionPort failed, NT error %1.
IAS	2456	Audit	Waiting for worker thread to complete, batches still loaded = %1

CATEGORY	CODE	TYPE	MESSAGE
IAS	2457	Error	Cannot shut down I/O worker threads, %1 batches still loaded.
IAS	2458	Error	Accept clients ends with socket error %1 (%2)
IAS	2459	Error	Error %1 adding socket to completion port.
IAS	2460	Error	Error setting TCP_NODELAY: %1
IAS	2461	Error	Connection %1 (client IP address: %2) refused because of error %3 in AcceptFunc
IAS	2462	Error	Connection %1 WSARcv dropped because of Winsock error %2
IAS	2463	Warning	No longer accepting client connections, status = %1.
IAS	2464	Error	Error - %1 called with ref count < 1. hCon may be invalid (hCon=%2, sock=%3, nResult=%4)
IAS	2465	Error	Error: Unhandled I/O state (%1), hCon=%2.
IAS	2466	Error	Error %1 during send attempt, hCon=%2 (id=%3), module=%4, machine=%5.
IAS	2467	Warning	HandleNoOverlappedError called with, dwOverlapMagic=%1, result=%2

CATEGORY	CODE	TYPE	MESSAGE
IAS	2468	Warning	HandleNoOverlappedError called with hCon=%1
IAS	2469	Warning	Lost connection hCon=%1 to client %2 (NETNAME_DELETED) with no packet; dropping.
IAS	2470	Error	Error %1 on socket %2 hCon=%3
IAS	2471	Error	Lost connection hCon=%1 (old or no client?).
IAS	2472	Error	Error %1 with unknown magic %2, hCon=%3.
IAS	2473	Warning	IoCompletion error %1 with no magic or overlapped
IAS	2474	Error	Error %1 transmitting file [%2], hCon=%3
IAS	2475	Error	Sending error reply %1 on packet=%2, batch=%3 (module / user / machine)=(%4).
IAS	2476	Error	Error deleting file '%1': %2 (returns %3)
IAS	2477	Error	Error connecting to I/O completion port '%1': %2 (returns %3)
IAS	2478	Warning	WriteFile took %1 milliseconds! Returns %2: %3 of %4 bytes written to overlapped %5.
IAS	2479	Error	Bad read from pDiskWrite %1 (err = %2).

CATEGORY	CODE	TYPE	MESSAGE
IAS	2480	Error	Internal Error - disk operation closed twice
IAS	2481	Error	BuildRestrictedSD() failed when Create Mapped Object for Performance Counters (%1).
IAS	2482	Error	Could not Create Mapped Object for Performance Counters (%1).
IAS	2483	Error	Failed to Map View of Performance Counters File (%1).
IAS	2484	Error	Error %1 in impersonating self
IAS	2485	Error	Error %1 opening process
IAS	2486	Error	Access denied %1, error: %2, requested: %3
IAS	2487	Error	Error %1 checking access for %2
IAS	2488	Error	InputAccel Server startup error.
IAS	2489	Error	InputAccel Server startup aborted.
IAS	2490	Error	Couldn't load dll: %1
IAS	2491	Error	Couldn't get sec init routine: %1
IAS	2492	Error	Couldn't init package
IAS	2493	Error	Couldn't query package info for %1, error %2
IAS	2494	Error	New: Error in IASecGetFileAcl : %1

CATEGORY	CODE	TYPE	MESSAGE
IAS	2495	Error	Got error %1 when getting domain controller for %2
IAS	2496	Error	Got error %1 when allocating buffer for domain controller (domain=%2).
IAS	2497	Audit	Got domain controller for %1, controller=%2
IAS	2498	Error	Invalid file path/name: Given file path/name = %1, by User = %2 in Module = %3 running at %4
IAS	2499	Error	Unable to remove batch %1 / Step %2 from module run list.
IAS	2500	Error	Unable to add batch %1 / Step %2 to module run list. LOST %3 TASKS.
IAS	2501	Audit	Waiting for timer to expire
IAS	2502	Audit	Timer finished.
IAS	2503	Warning	Inadequate server disk space detected (%1 of %2).
IAS	2504	Warning	Adequate server disk space recovered.
IAS	2505	Error	Client %1 (hCon=%2) not responding. Disconnecting.
IAS	2506	Warning	-> Error %1 disconnecting client.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2507	Error	value sym handle=%1 not set in init data, offset=%2
IAS	2508	Error	Error recovering active node %1 from instance %2
IAS	2509	Error	SERIOUS ERROR [1] - SERVER COULD NOT ADD NEW NODE
IAS	2510	Error	Error %1 deleting node %2 from batch %3.
IAS	2511	Warning	Warning: IATreeFindActive LinkedNode(%1, %2, %3) succeeded (node is active)
IAS	2512	Warning	Error: IATreeFindActive LinkedNode(%1, %2, %3) succeeded and node is not active
IAS	2513	Error	Error %1 on IATreeFindLinked Node(%2, %3, %4) and node is active
IAS	2514	Error	Error %1 on IATreeFindLinked Node(%2, %3, %4) and node is not active
IAS	2515	Error	Error: No links for (%1, %2, %3) but node has active bit set and list pointers
IAS	2516	Error	Error: No links for (%1, %2, %3) but node has list pointers

CATEGORY	CODE	TYPE	MESSAGE
IAS	2517	Error	Error: No links for (%1, %2, %3) but node has active bit set
IAS	2518	Error	Denying access to nodal value, connection in setup mode (module %1, user %2, machine %3)
IAS	2519	Error	Failed to create new batch variable with key [%1] (error=%2).
IAS	2520	Warning	Trying to get improperly formatted value [%1] - needs \$batch, \$user, \$machine, \$screen, or \$module
IAS	2521	Error	Error in Value Set message: No data length, key=[%1], machine=%2.
IAS	2522	Error	Error in Value Set message: data length too big, size=%1, key=[%2], machine=%3
IAS	2523	Error	Dongle data write failed
IAS	2524	Warning	Could not make backup of values.idx. Error = %1 (NT error %2).
IAS	2525	Warning	Could not rename bad values.idx. Error = %1 (NT error %2).
IAS	2526	Warning	Could not restore backup of values.idx. Error = %1 (NT error %2).

CATEGORY	CODE	TYPE	MESSAGE
IAS	2527	Warning	Could not delete values.idx. Error = %1 (NT error %2).
IAS	2528	Error	Could not synchronize values.idx (error %1).
IAS	2529	Error	Error in ReadKey - key length incorrect (%1).
IAS	2530	Error	Error in ReadKey - not enough data in message (expected %1, got %2).
IAS	2531	Error	Error in ReadKey - key contains a NULL.
IAS	2532	Error	ERROR %1 - BATCH %2 COULD NOT BE LOCKED FOR TASKS.
IAS	2533	Warning	Module %1 connected without a valid ID.
IAS	2534	Error	SSPI complete failed: %1
IAS	2535	Error	SSPI Complete not supported.
IAS	2536	Error	Error -- Access Denied: Invalid Login. Error code %1 on client message Login
IAS	2537	Error	Error -- Authorization Check Failed. Error code %1 on client message Login
IAS	2538	Warning	Error in batch %1, node %2, %3(%4) - %5.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2539	Warning	Error in batch %1, node %2, %3(%4) .
IAS	2541	Error	WIPLLogger: DAC Command was not initialized.
IAS	2542	Audit	Removing Work In Progress data for server %1
IAS	2543	Audit	Rebuilding Work In Progress tables.
IAS	2544	Audit	WIPLLogger: Ignoring expired event. Event=%1, BatchID=%2
IAS	2545	Audit	WIPLLogger: Ignoring event received while offline. Event=%1, BatchID=%2
IAS	2546	Audit	Done loading Work In Progress data (%1 batches, %2 processes, %3 msec) .
IAS	2547	Warning	WIPLLogger: Ignoring unhandled event. Event=%1, BatchID=%2
IAS	2548	Audit	WIPLLogger: Calling stored procedure '%1'
IAS	2549	Audit	WIPLLogger: Calling stored procedure '%1' with parameters: %2
IAS	2550	Audit	WIPLLogger: Checking status of InputAccel Database.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2551	Audit	WIPLogger: InputAccel Database offline. HRESULT = %1, Error = %2
IAS	2552	Audit	WIPLogger: Collecting values for batch (ID = %1)
IAS	2553	Audit	WIPLogger: Collecting values for node (ID = %1)
IAS	2554	Audit	WIPLogger: InputAccel Database not in use. Values will not be logged to Work In Progress tables.
IAS	2555	Error	WIPLogger: Cannot add process and steps to InputAccel Database. [EventID=%1] [BatchID=%2]
IAS	2556	Error	WIPLogger: Cannot add Work In Progress values for batch event. [EventID=%1] [BatchID=%2]
IAS	2557	Error	WIPLogger: Failed to log event. [EventID=%1] [BatchID=%2]
IAS	2558	Error	WIPLogger: Error running Work In Progress stored procedure '%1' (error code = %2). [BatchID= %3] [COMError = %4]"

CATEGORY	CODE	TYPE	MESSAGE
IAS	2559	Error	WIPLogger: Failed to convert GUID of process '%1' (HRESULT = %2)
IAS	2560	Error	WIPLogger: Failed to read configuration. Values will not be logged to Work In Progress tables.
IAS	2561	Error	WIPLogger: Failed to remove Work In Progress data. [COMError = %1"]"
IAS	2562	Error	WIPLogger: Failed to rebuild Work In Progress tables
IAS	2563	Error	WIPLogger: Cannot add Work In Progress values for node event. [EventID=%1] [BatchID=%2]
IAS	2564	Error	WIPLogger: Cannot add Work In Progress value for node (node ID = %1, value = %2). [EventID=%3] [BatchID=%4]
IAS	2565	Error	WIPLogger: Cannot add values to InputAccel Database. [EventID=%1] [BatchID=%2]
IAS	2566	Error	WIPLogger: Cannot convert BatchAdd event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3"]"

CATEGORY	CODE	TYPE	MESSAGE
IAS	2567	Error	WIPLogger: Cannot convert BatchUpdate event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2568	Error	WIPLogger: Cannot convert BatchDelete event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2569	Error	WIPLogger: Cannot convert BatchChange event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2570	Error	WIPLogger: Cannot convert ProcessAdd event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2571	Error	WIPLogger: Cannot convert ProcessUpdate event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"

CATEGORY	CODE	TYPE	MESSAGE
IAS	2572	Error	WIPLogger: Cannot convert ProcessDelete event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2573	Error	WIPLogger: Cannot convert StepAdd event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2574	Error	WIPLogger: Cannot convert StepUpdate event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2575	Error	WIPLogger: Cannot convert SetDepartment event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2576	Error	WIPLogger: Cannot convert NodeDelete event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"

CATEGORY	CODE	TYPE	MESSAGE
IAS	2577	Error	WIPLogger: Cannot convert ValueAdd event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2578	Error	WIPLogger: Cannot convert ValueSet event to DAC Command. [EventID=%1] [BatchID=%2] [COMError = %3]"
IAS	2579	Error	ControlHandler: InputAccel Server has been stopped.
IAS	2580	Error	SetEvent(Pause) failed.
IAS	2581	Error	SetEvent(Continue) failed.
IAS	2582	Error	SetServiceStatus error %1
IAS	2583	Error	SetEvent(m_hServiceStatusChanged) failed.
IAS	2584	Audit	Service is already paused
IAS	2585	Audit	Service is already running
IAS	2586	Audit	The InputAccel Server is starting in IPv6 only mode.
IAS	2588	Audit	InputAccel Performance Data
IAS	2589	Error	Error: %1, %2:%3
IAS	2590	Error	Error Created: %1, %2:%3
IAS	2591	Error	Internal error in file %1 at line %2

CATEGORY	CODE	TYPE	MESSAGE
IAS	2592	Error	ERROR IASCriticalSection::Unlock leaving CS without owning CS - %1, ID=%2, '%3'
IAS	2593	Audit	Global CS Statistics
IAS	2594	Warning	*** Lock Level violation %1
IAS	2595	Warning	*** Lock level violation history:
IAS	2596	Warning	Lock Level violation (occurred %1 times) %2
IAS	2597	Error	Failed getting Windows temp directory name
IAS	2598	Audit	Yes~YesNoResponse
IAS	2599	Warning	Key too long (step name) %1
IAS	2600	Warning	Key too long (user name) %1
IAS	2601	Warning	Key too long (module name) %1
IAS	2602	Warning	Key too long (machine name) %1
IAS	2603	Warning	Key too long (screen name) %1
IAS	2604	Warning	Key too long (node name) %1
IAS	2605	Warning	Key too long %1
IAS	2606	Warning	Couldn't find original level of promoted value %1
IAS	2607	Error	Not connected to Configuration Server

CATEGORY	CODE	TYPE	MESSAGE
IAS	2608	Audit	Logging rules changed
IAS	2609	Audit	None
IAS	2610	Audit	Added
IAS	2611	Audit	Deleted
IAS	2612	Audit	Added/Deleted
IAS	2613	Audit	Changed
IAS	2614	Audit	Added/Changed
IAS	2615	Audit	Deleted/Changed
IAS	2616	Audit	Added/Deleted/Changed
IAS	2617	Audit	Configuration changed: License Data %1
IAS	2618	Audit	Configuration changed: Logging Rule(s) %1
IAS	2619	Audit	Configuration changed: Module(s) %1
IAS	2620	Audit	Configuration changed: ScaleServer Config %1
IAS	2621	Audit	Configuration changed: Security Config %1
IAS	2622	Audit	Configuration changed: WIP Config %1
IAS	2623	Audit	Configuration changed: Department %1
IAS	2624	Audit	Configuration changed: Module Value(s) %1
IAS	2625	Audit	Configuration changed: Module File(s) %1

CATEGORY	CODE	TYPE	MESSAGE
IAS	2626	Error	Failed to delete batch directory %1 when deleting batch (ID=%2), WinError=%3
IAS	2627	Error	WIPLogger: Cannot log task and lock count changes to InputAccel Database. [EventID=%1] [BatchID=%2]
IAS	2628	Warning	Dongle took %1 tries to read in serial number
IAS	2629	Audit	Serial number: %1
IAS	2630	Warning	Key too long (batch name) %1
IAS	2631	Error	Configuration Parameter '%1' cannot be set to '%2'. Maximum length allowed is %3
IAS	2632	Error	%1 is not found.
IAS	2633	Error	Error %1 getting user privileges.
IAS	2634	Error	IAS user does not have Impersonate Client privilege.
IAS	2635	Error	IAS user does not have Load And Unload Device Driver privilege.
IAS	2636	Error	IAS user does not have security policy access type 'LOOKUP NAMES', which is necessary to lookup client accounts on a domain controller.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2637	Error	Cannot add 'Impersonate a client after authentication' privilege. Error %1
IAS	2638	Error	Cannot add 'Load and unload device drivers' privilege. Error %1.
IAS	2639	Audit	Permissions for IAS user group are set.
IAS	2640	Error	Error %1 setting permissions for IAS user group.
IAS	2641	Error	Cannot create %1 group - name already is use as a user name.
IAS	2642	Error	Cannot create %1 group. Error %2.
IAS	2643	Error	Cannot get SID for account %1. Error %2.
IAS	2644	Error	Cannot add user account %1 to the local group %2. Error %3.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2645	Audit	Usage: %1 -repair -s <IAS service name> [-r <root dir>] [-a1 <domain\ account>] [-t <timeout in minutes>] [-setrootdir <root dir>] [-settcpipport <TCPIP port number>] [-settcpipaddress <TCPIP address>] [-settcpipv6address <TCPIPv6 address>] [-admrole <domain\ account>] For local accounts do not specify domain.
IAS	2646	Error	Process/batch %1 was created on system codepage %2 and is not allowed to execute on this system codepage %3.
IAS	2647	Warning	Batch %1 uses process that was created on system codepage %2. Batch was created on system codepage %3.
IAS	2648	Warning	Installed process %1 that was created on system codepage %2.
IAS	2649	Warning	Loaded process %1 that was created on system codepage %2.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2650	Warning	Retrying connection to InputAccel Database in %1 seconds
IAS	2651	Warning	IAS user does not have Create global objects privilege. InputAccel Server performance counters may not be available.
IAS	2652	Warning	Cannot add 'Create global objects' privilege. Error %1.
IAS	2653	Error	Invalid or unspecified IP Address parameter for protocol %1 while running in the context of a Microsoft Cluster (%2 = '%3'). InputAccel Server will not accept incoming connections with this protocol until a valid IP address is specified.
IAS	2654	Error	Error accessing %1. Error %2.
IAS	2655	Error	%1 failed. Error %2.
IAS	2656	Warning	Cannot find %1 value in the Registry.
IAS	2657	Warning	%1 event queue for IADB updates is 75%% full.
IAS	2658	Warning	%1 event queue for IADB updates is 100%% full.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2659	Warning	InputAccel Server is running low on virtual address space. Only 300 MB is available.
IAS	2660	Error	InputAccel Server is running critically low on virtual address space. Only 200 MB is available.
IAS	2661	Error	Integrity check of one or more No-DB data files failed. The corrupt or missing file(s) cannot be restored, and may need to be recovered manually
IAS	2662	Error	Did not find Captiva Role [%1].
IAS	2663	Error	Error assigning account %1 into Captiva Role %2.
IAS	2664	Audit	is within 25% of its licensed processing capability.
IAS	2665	Audit	is within 20% of its licensed processing capability.
IAS	2666	Audit	is within 15% of its licensed processing capability.
IAS	2667	Audit	is within 8% of its licensed processing capability.

CATEGORY	CODE	TYPE	MESSAGE
IAS	2668	Audit	is within 6% of its licensed processing capability.
IAS	2669	Audit	is within 4% of its licensed processing capability.
IAS	2670	Audit	is within 2% of its licensed processing capability.
IAS	2671	Audit	has exceeded its licensed processing capability.

8.3.10 Logging Library: Error, Warning, and Audit Log Codes

Table 8-11: Errors, Warnings, and Audits Logged by the Logging Library

CATEGORY	CODE	TYPE	MESSAGE
LOG	9011	Error	Attempted to write log before opening Logger
LOG	9012	Error	An invalid timeout configuration setting is specified
LOG	9013	Error	Timeout occurred while waiting for access to queue. Sink=%1.
LOG	9014	Error	An attempt was made to read an empty queue
LOG	9015	Error	Queue has not been initialized
LOG	9016	Error	Dll %1 does not implement the ISink interface

CATEGORY	CODE	TYPE	MESSAGE
LOG	9017	Error	Exception thrown when opening sink: %2. Error: %1. InnerExceptions: %3.
LOG	9018	Error	Unable to load assembly: %2. Error: %1. StackTrace: %3.
LOG	9019	Error	Some sink modules did not load. See the EventLog for details.
LOG	9020	Error	None of the sinks loaded successfully. See the EventLog for details.
LOG	9021	Error	Non-DebugInfo LogType rules cannot use a LogCode of 0
LOG	9022	Error	A critical internal error has occurred in the Logger: %1. StackTrace: %2.
LOG	9023	Error	An error occurred while attempting to write log: Id=%2, Type=%3, LogCode=%4. Error: %1.
LOG	9024	Error	Log rule, %1, uses an invalid LogType. The LogType must be 1(Audit), 2(Statistic), 4(Error), 8(Warning) or 16(DebugInfo).

CATEGORY	CODE	TYPE	MESSAGE
LOG	9025	Error	Unable to load the Format XML for Sink Definition, %2. Error: %1.
LOG	9026	Error	Unable to load the Destination XML for Sink Definition, %2. Error: %1.
LOG	9027	Error	An unexpected error occurred when attempting to read Log Rule, %2. Error: %1.
LOG	9028	Error	One or more log rules were found to have errors
LOG	9029	Error	An unexpected error occurred while opening the logger. Error: %1. Errors: %2.
LOG	9030	Error	A sink dll definition must contain either a valid DllName or a valid AssemblyName. Tbl_RuleSinkDllDefinitions. RSRuleSinkDllID: %1.
LOG	9031	Warning	The Performance Counter category %1 was not found in the registry, so the Logging Library cannot write any Performance Counters
LOG	9032	Error	An unexpected error occurred converting a long to a datetime, %2. Error: %1.

CATEGORY	CODE	TYPE	MESSAGE
LOG	9033	Error	Configuration setting %1, must be greater than 0. The default value of %2 will be used.
LOG	9034	Error	Invalid index used to locate log in LogStack
LOG	9035	Error	Argument %1 passed to Logger. Open cannot be null
LOG	9036	Error	An error occurred while attempting to read Logging Library options from the database. Error: %1. Default values will be used.
LOG	9050	Warning	A non-fatal error occurred while opening the logger. Error: %1. Errors: %2.
LOG	9051	Warning	The notification service is not running. Changes to Log Rules will not be detected.
LOG	9060	Error	%1: Format XML data for the log is incorrectly structured. Sink definition: %2
LOG	9061	Error	%2: Unexpected error occurred while formatting log. Error: %1
LOG	9062	Error	%2: Unexpected error occurred while reading destination XML. Error: %1

CATEGORY	CODE	TYPE	MESSAGE
LOG	9063	Error	%1: An attempt was made to write the log before opening the sink
LOG	9064	Error	%2: WriteLog() Write failed. Error: %1. Stack Trace: %2.
LOG	9065	Error	%2: The sink could not be opened. Error: %1.
LOG	9066	Error	A LogName value was not specified in the EventSink destination XML
LOG	9067	Error	A MachineName value was not specified in the EventSink destination XML
LOG	9068	Error	EventSink %1 log on workstation %2 does not have the source %3
LOG	9069	Error	The output file specified for the file sink destination cannot be opened
LOG	9070	Error	Error occurred when opening the output file. Error: %1
LOG	9071	Error	%2: The stored procedure returned an error: %3. Error: %1
LOG	9072	Error	%2: Log could not be written because database is inaccessible. Error from database: %1

CATEGORY	CODE	TYPE	MESSAGE
LOG	9073	Error	A critical log could not be written because an error was returned from the sink that writes the log. See Event Log.
LOG	9074	Error	File sink: Output directory, %1, does not exist and the destination xml does not say to create it automatically.

8.3.11 NuanceOCR Client Module: Error, Warning, and Audit Log Codes

Table 8-12: Errors, Warnings, and Audits Logged by the NuanceOCR Client Module

CATEGORY	CODE	TYPE	MESSAGE
NUA	4001	DebugInfo	Initializing Engine
NUA	4002	DebugInfo	Unloading Engine
NUA	4003	DebugInfo	Initializing Document - Node %1
NUA	4004	DebugInfo	Codepage - %1
NUA	4005	DebugInfo	Adding Page - %1
NUA	4006	DebugInfo	Formatting Output - Format %1
NUA	4007	DebugInfo	Recognizing Page - %1
NUA	4008	DebugInfo	Script execution log: %1
NUA	4401	Error	OCR Engine Error = %1

CATEGORY	CODE	TYPE	MESSAGE
NUA	4402	Error	Output file exists. The setup for this step is configured to generate an error in this situation.
NUA	4403	Error	Unable to create output folder. Check the output folder path.
NUA	4404	Error	The NuanceOCR Engine did not initialize successfully because the license file was not found. Please contact OpenText Global Technical Services.
NUA	4405	Error	NuanceOCR does not support this output format: %1. Run setup and check the format.
NUA	4406	Error	File not found. Check the stage file in the IAS folder.
NUA	4407	Error	Path not found. Check the output file path.
NUA	4408	Error	Image size too small for zone. Check the image resolution.
NUA	4409	Error	Script execution error: %1 Event: '%2'.
NUA	4410	Error	Recognition module '%1' is not licensed.
NUA	4411	Error	NuanceOCR does not load input file : %1

CATEGORY	CODE	TYPE	MESSAGE
NUA	4412	Error	Filling method '%1' is not licensed.
NUA	4413	Error	Unable to create output file. Page size is greater than Microsoft Word pages can be (22 inches). Check the Output Format level.

8.3.12 Processing Helper: Error, Warning, and Audit Log Codes

Table 8-13: Errors, Warnings, and Audits Logged by the Processing Helper

CATEGORY	CODE	TYPE	MESSAGE
PRH	1	Warning	Connection to server %1" is lost."
PRH	2	Warning	No servers available. Waiting for connection.
PRH	3	Audit	Got connection to server: %1.
PRH	4	Audit	Finished processing %1 node(s) for task id %2 with success.
PRH	5	Audit	Finished processing task id %1 with success.
PRH	6	Audit	Set task offline. Task id: %1.
PRH	7	Error	Finished processing %1 node(s) for task id %2 with error.
PRH	8	Error	Finished processing task id %1 with error.

CATEGORY	CODE	TYPE	MESSAGE
PRH	9	Audit	Received task for node id %1 from batch %2" (ID %3)."
PRH	10	Error	Not enought permission to start processing.
PRH	11	Error	Error: %1
PRH	12	Error	The batch has not been set up. This batch's priority will be set to 0 to allow other tasks to be processed.
PRH	13	Error	Task was aborted because the connection to IA server was lost.
PRH	14	Error	Opened batch cannot be used because it was deleted.
PRH	15	Warning	Opened batch cannot be used because the server connection was lost.
PRH	16	Error	Error: User chose to close the task.

8.3.13 QuickModule Runtime: Error, Warning, and Audit Log Codes

Table 8-14: Errors, Warnings, and Audits Logged by the QuickModule Runtime

CATEGORY	CODE	TYPE	MESSAGE
QMR	1	Audit	Module %1 is starting. Mode: %2
QMR	2	Audit	Module %1 is finishing.

CATEGORY	CODE	TYPE	MESSAGE
QMR	3	Error	Module %1 is failing to start. Error: %2
QMR	4	Error	Module %1 is failing to connect to Config server. Error: %2
QMR	5	Error	1%
QMR	6	Audit	1%

8.3.14 RescanPlus Client Module: Error, Warning, and Audit Log Codes

Table 8-15: Errors, Warnings, and Audits Logged by the RescanPlus Client Module

CATEGORY	CODE	TYPE	MESSAGE
RSC	6	Audit	1%
RSC	19	Error	Scan error: %1
RSC	20	Error	General processing error: %1
RSC	21	Error	Script execution error: %1 Event: '%2'
RSC	22	Warning	The connection with the InputAccel Server '%1' was lost during batch processing
RSC	23	Error	The connection with the InputAccel Server %1' was lost during batch processing
RSC	24	Warning	The connection with the InputAccel Server %1' was lost

CATEGORY	CODE	TYPE	MESSAGE
RSC	25	Warning	The empty batch %1 wasn't deleted because user doesn't have permission to delete this batch

8.3.15 Scripting Client: Error, Warning, and Audit Log Codes

Table 8-16: Errors, Warnings, and Audits Logged by the Scripting Client

CATEGORY	CODE	TYPE	MESSAGE
SCC	1	Error	Some of the scripts are corrupt on server: %1
SCC	5	Audit	1%
SCC	7	Error	General processing error: %1
SCC	8	Error	Script execution error: %1 Event: '%2'

8.3.16 ScanPlus Client Module: Error, Warning, and Audit Log Codes

Table 8-17: Errors, Warnings, and Audits Logged by the ScanPlus Client Module

CATEGORY	CODE	TYPE	MESSAGE
SCN	6	Audit	1%
SCN	18	Error	Scan error: %1
SCN	19	Error	General processing error: %1
SCN	20	Error	Script execution error: %1 Event: '%2'

CATEGORY	CODE	TYPE	MESSAGE
SCN	22	Error	The connection with the InputAccel Server %1' was lost during batch processing
SCN	23	Warning	The connection with the InputAccel Server %1' was lost
SCN	25	Warning	The empty batch %1 wasn't deleted because user doesn't have permission to delete this batch

8.3.17 Security Library: Error, Warning, and Audit Log Codes

Table 8-18: Errors, Warnings, and Audits Logged by the Security Library

CATEGORY	CODE	TYPE	MESSAGE
SEC	1	Error	Generic security library exception occurred in function: %1, Stack Trace: %2
SEC	2	Error	DAL exception occurred in function: %1, Stack Trace: %2
SEC	3	Error	Security library unknown role exception occurred in function: %1, Stack Trace: %2
SEC	4	Error	Security library unknown permission exception occurred in function: %1, Stack Trace: %2

CATEGORY	CODE	TYPE	MESSAGE
SEC	5	Error	Security library role already exists exception occurred in function: %1, Stack Trace: %2
SEC	6	Error	Security library permission already exists exception occurred in function: %1, Stack Trace: %2
SEC	7	Error	Security library Identity already exists exception occurred in function: %1, Stack Trace: %2
SEC	8	Error	Security library security exception occurred in function: %1, Stack Trace: %2
SEC	9	Error	Security library authorization failed exception occurred in function: %1 for: %2, Stack Trace: %3
SEC	10	Error	Generic security library not implemented exception occurred in function: %1
SEC	11	Error	Generic security library not supported exception occurred in function: %1

CATEGORY	CODE	TYPE	MESSAGE
SEC	401	Audit	Security Library audit authorization success for: %2 by user %1
SEC	402	Audit	Security Library audit authorization failed for: %2 by user %1
SEC	403	Audit	User %1 created a new role : %2
SEC	404	Audit	Getting all the roles initiated by user: %1
SEC	405	Audit	Getting all the permissions initiated by user: %1
SEC	406	Audit	Getting all the identities initiated by user: %1
SEC	407	Audit	User %1 deleted the role: %2
SEC	408	Audit	User %1 updated the role: %2
SEC	409	Audit	User %1 created the identity: %2
SEC	410	Audit	User %1 deleted the identity: %2
SEC	411	Audit	User %1 added permission %2 to the role: %3
SEC	412	Audit	User %1 added identity %2 to the role: %3
SEC	413	Audit	User %1 modified identities for the role: %2 with Identity Ids: %3

CATEGORY	CODE	TYPE	MESSAGE
SEC	414	Audit	User %1 modified permissions for the role: %2 with Permissions Ids: %3
SEC	415	Audit	Getting all the permissions for identity: %2 initiated by user: %1
SEC	416	Audit	Getting all the roles for identity: %2 initiated by user: %1
SEC	417	Audit	Getting the identity for security ID: %2 initiated by user: %1
SEC	418	Audit	Getting the roles for identity: %2 initiated by user: %1
SEC	419	Audit	Getting the identities for role: %2 initiated by user: %1
SEC	420	Audit	Getting the permissions for role: %2 initiated by user: %1
SEC	421	Audit	Getting the permissions for identity: %2 initiated by user: %1
SEC	422	Audit	Check permission %2 for identity: %3 initiated by user: %1

CATEGORY	CODE	TYPE	MESSAGE
SEC	474	Audit	The secure connection is enabled: Server ID %1 Serial number: %2 Cryptopriver: %3 Algorithm: %4
SEC	475	Audit	The secure connection is disabled: Server ID %1 Serial number: %2 Cryptopriver: %3 Algorithm: %4
SEC	476	Audit	The secure connection is changed: Server ID %1 Serial number: %2 Cryptopriver: %3 Algorithm: %4
SEC	477	Audit	The file security is enabled: Server ID %1 Serial number: %2 Cryptopriver: %3 Algorithm: %4 Key protection rule: %5
SEC	478	Audit	The file security is disabled: Server ID %1 Serial number: %2 Cryptopriver: %3 Algorithm: %4 Key protection rule: %5
SEC	479	Audit	The file security is changed: Server ID %1 Serial number: %2 Cryptopriver: %3 Algorithm: %4 Key protection rule: %5

CATEGORY	CODE	TYPE	MESSAGE
SEC	480	Audit	The secure connection is enabled: Scale Server Group %1 Cryptopriver: %3 Algorithm: %4
SEC	481	Audit	The secure connection is disabled: Scale Server Group %1 Cryptopriver: %3 Algorithm: %4
SEC	482	Audit	The secure connection is changed: Scale Server Group %1 Cryptopriver: %3 Algorithm: %4

8.3.18 Web Services Coordinator: Error, Warning, and Audit Log Codes

Table 8-19: Errors, Warnings, and Audits Logged by the Web Services Coordinator

CATEGORY	CODE	TYPE	MESSAGE
WSC	12002	Error	Cannot process the ASYNC task %1 in the database.
WSC	12003	Error	Cannot create StartBatch task %1 in the database.
WSC	12004	Error	Cannot process FinishTask for task %1 in the database.
WSC	12005	Error	Cannot register StartBatch task for process %1 in the database.
WSC	12006	Error	Cannot register the ASYNC task in the database.

CATEGORY	CODE	TYPE	MESSAGE
WSC	12007	Error	Exception occurred while processing a task: %1.
WSC	12008	Error	Cannot read transactions database connection string from the InputAccel Server.
WSC	12010	Error	Web Service %1 is already registered.
WSC	12011	Error	Web Services Hosting %1 is already registered.
WSC	12012	Error	Cannot get service %1 configuration.
WSC	12013	Error	Cannot get hosting %1 configuration.
WSC	12014	Error	Cannot connect to an InputAccel Server.
WSC	12015	Error	Service %1 already exists on Hosting %2.
WSC	12016	Error	Web Services Coordinator initialization failed: %1.
WSC	12017	Error	Cannot load configuration for hostings.
WSC	12018	Error	Cannot register coordinator on the InputAccel Database
WSC	12019	Error	Cannot save the database connection string.

CATEGORY	CODE	TYPE	MESSAGE
WSC	12020	Error	Could not retrieve configuration from the InputAccel Database.
WSC	12021	Error	Could not save the configuration to the InputAccel database.
WSC	12022	Error	Cannot find the process: %1.
WSC	12023	Error	Cannot get the first instance in the process %1
WSC	12024	Error	Invalid values specified for some Web Services settings.
WSC	12026	Error	Cannot load the ASYNC table.
WSC	12027	Error	Web Services Input %1 disconnected while processing task %2.
WSC	12028	Error	An unexpected hosting error was received: %1.
WSC	12029	Error	Cannot get departments: %1.
WSC	12101	DebugInfo	Web Services Input %1 registered.
WSC	12102	DebugInfo	Task %1 is waiting for a Web Services Input module.
WSC	12103	DebugInfo	Web Services Input module %1 has disconnected.
WSC	12104	DebugInfo	Ready task queue processing has begun.

CATEGORY	CODE	TYPE	MESSAGE
WSC	12105	DebugInfo	Task %1 was removed by a timeout.
WSC	12111	DebugInfo	ASYNc task %1 has been registered in the database.
WSC	12112	DebugInfo	StartBatch task for process %1 was created.
WSC	12113	DebugInfo	Task %1 successfully processed.
WSC	12114	DebugInfo	StartBatch task for process %1 was registered in the database.
WSC	12115	DebugInfo	%1: ASYNc task was registered in the database.
WSC	12117	DebugInfo	Task processing successfully completed.
WSC	12118	DebugInfo	Trying to get an available Web Services Input module.
WSC	12119	DebugInfo	Web Services Input module %1 ready.
WSC	12120	DebugInfo	Trying to send a task to the Web Services Input module %1.
WSC	12121	DebugInfo	Task for batch %1, node %2, step %3 was sent to Web Services Input %4.
WSC	12122	DebugInfo	The StartBatch task for process %1 from message %2 was sent to Web Services Input %3.

CATEGORY	CODE	TYPE	MESSAGE
WSC	12123	DebugInfo	Task sending result: %1.
WSC	12124	DebugInfo	Trying to register the StartBatch task for process %1.
WSC	12125	DebugInfo	Trying to allow method processing for the StartBatch task for process %1.
WSC	12126	DebugInfo	Method already allowed.
WSC	12127	DebugInfo	Begin processing request from hosting %1.
WSC	12128	DebugInfo	Loaded configuration for hosting: %1:%2. ID: %3.
WSC	12129	DebugInfo	Hosting removed: %1:%2.
WSC	12130	DebugInfo	Start pinging hostings.
WSC	12131	DebugInfo	Hosting %1:%2 is not configured.
WSC	12132	DebugInfo	Trying to configure hosting: %1:%2.
WSC	12133	DebugInfo	Hosting %1:%2 is configured.
WSC	12135	DebugInfo	Trying to send response results to hosting %1 from message %2.
WSC	12136	DebugInfo	The connection string is set.
WSC	12137	DebugInfo	The connection string was read.
WSC	12150	DebugInfo	Web Service %1 is registered.
WSC	12151	DebugInfo	Web Service %1 has been removed.

CATEGORY	CODE	TYPE	MESSAGE
WSC	12152	DebugInfo	Web Service %1 has been updated.
WSC	12153	DebugInfo	Web Services Hosting %1 is registered.
WSC	12154	DebugInfo	Web Services Hosting %1 has been removed.
WSC	12155	DebugInfo	Web Services Hosting %1 has been updated.
WSC	12156	DebugInfo	Service %1 is registered on hosting %2.
WSC	12157	DebugInfo	Service has been removed from hosting. Link ID %1.
WSC	12158	DebugInfo	Coordinator is registered on the InputAccel Database.
WSC	12159	DebugInfo	InputAccel Server connection has been restored.
WSC	12160	DebugInfo	The configuration was successfully read.
WSC	12161	DebugInfo	The configuration was successfully set.
WSC	12162	DebugInfo	Debug message from Hosting: %1
WSC	12201	Warning	Web Services Input module %1 InputAccel Server connection status changed to %2.
WSC	12202	Warning	No available Web Services Input modules.
WSC	12203	Warning	Hosting %1:%2 is unavailable.

CATEGORY	CODE	TYPE	MESSAGE
WSC	12204	Warning	Exception was thrown due to a hosting %1:%2 configuration: %3.
WSC	12205	Warning	Connection to server %1 is lost.
WSC	12206	Warning	Hosting %1:%2 is locked by another coordinator.
WSC	12207	Warning	Unable to unlock hosting %1:%2.
WSC	12208	Warning	Web Services Coordinator connection status to Hosting (%1:%2) changed to %3.
WSC	12209	Warning	Warning from Hosting: %1

8.3.19 Web Services Input Client Module: Error, Warning, and Audit Log Codes

Table 8-20: Errors, Warnings, and Audits Logged by the Web Services Input Client Module

CATEGORY	CODE	TYPE	MESSAGE
WSI	11001	Error	Web Services Input initialization failed
WSI	11002	Error	Cannot create a remote channel to Web Services Coordinator.
WSI	11003	Error	Cannot register Web Services Input on Web Services Coordinator.

CATEGORY	CODE	TYPE	MESSAGE
WSI	11004	Error	Cannot read Web Services Input options from the batch or process step.
WSI	11005	Error	Web Services Input was unable to read XML schema that describes IA Values required for mapping.
WSI	11006	Error	Cannot read Web Services Input options from the batch or process step.
WSI	11007	Error	Cannot get IA Values from batch for processing web request mapping.
WSI	11008	Error	Unable to extract web call parameters from the SOAP body.
WSI	11009	Error	Cannot save IA Values to batch: %1.
WSI	11010	Error	Error occurred during %1 script execution: %2
WSI	11011	Error	Cannot initialize the scripting engine.
WSI	11012	Error	Error: Cannot register the StartBatch task on Web Services Coordinator.
WSI	11013	Error	Cannot register the ASYNC task on the Web Services Coordinator.

CATEGORY	CODE	TYPE	MESSAGE
WSI	11014	Error	Cannot get the Correlation ID from a task.
WSI	11015	Error	Cannot map the input parameters from web request to IA Values.
WSI	11016	Error	Cannot map IA Values to the output parameters of web response.
WSI	11017	Error	Cannot compile the XML schema due to an error during XML schema compilation.
WSI	11018	Error	Cannot send the web response.
WSI	11019	Error	Cannot create a batch. Check the InputAccel client log.
WSI	11020	Error	Cannot initialize scripting engine. Check the scripting engine log.
WSI	11021	Error	Cannot find process %1.
WSI	11022	Error	Web Services Input is not the first step in process %1 and must be to create a batch.
WSI	11023	Warning	Web Services Input connection status to Web Services Coordinator changed to %1.
WSI	11024	Error	Web Services Input only works as a Windows service in production mode.

CATEGORY	CODE	TYPE	MESSAGE
WSI	11025	Warning	Some of the scripts on the server are corrupt. Check the scripting engine log.
WSI	11027	Error	Asynchronous task processing failed.
WSI	11028	Error	Cannot get method information from Web Services Coordinator: %1.
WSI	11029	Error	Cannot get batch/process information: %1.
WSI	11030	Error	Asynchronous task (Batch ID %1, Node ID %2) has expired at %3.
WSI	11031	Error	Cannot create the batch %1 for process %2. Service name : %3. Reason : %4.
WSI	11032	Error	Cannot get the input file value %1 from batch: %2, node %3: %4.
WSI	11033	Warning	Web Services Input has disconnected from the InputAccel Server while processing the task.
WSI	11034	Error	Step %1 in process %2 is not a Web Services Input step and cannot set up the module specified in this step.

CATEGORY	CODE	TYPE	MESSAGE
WSI	11035	Error	When Web Services Input is specified as a first step it can only be triggered at Level 0 or 7. In process %1, step %2 it is triggered at level %3.
WSI	11036	Error	Cannot process StartBatchTask: %1.
WSI	11037	Warning	Batch was removed, reason: %1
WSI	11038	Error	User has aborted task processing.
WSI	11039	Error	The Step %1 of the process %2 at IA Server %3 is not set up.
WSI	11040	Error	User has no permission to read module data!
WSI	11041	Error	User has no permission to write module data!
WSI	11042	Error	User has no permission to read batch!
WSI	11043	Error	User has no permission to modify batch!
WSI	11044	Error	User has no permission to read process!
WSI	11045	Error	User has no permission to modify process!

CATEGORY	CODE	TYPE	MESSAGE
WSI	11046	Error	Connection to Web Services Coordinator has been lost due the task processing
WSI	11101	DebugInfo	Initialization successful.
WSI	11102	DebugInfo	Initialization successful, service name: %1.
WSI	11103	DebugInfo	Script execution log: %1
WSI	11104	DebugInfo	Module options read.
WSI	11106	DebugInfo	Mapping information read.
WSI	11107	DebugInfo	IA Values read from the batch for request received
WSI	11109	DebugInfo	IA Values received from request body.
WSI	11112	DebugInfo	IA Values saved to batch.
WSI	11113	DebugInfo	Script %1 success.
WSI	11114	DebugInfo	Remoting channel created.
WSI	11115	DebugInfo	Web Services Coordinator is not running so Web Services Input cannot connect to it.
WSI	11116	DebugInfo	Module registered on the Web Services Coordinator.
WSI	11117	DebugInfo	StartBatch task registered on Web Services Coordinator.

CATEGORY	CODE	TYPE	MESSAGE
WSI	11118	DebugInfo	ASYNc task registered on the Web Services Coordinator.
WSI	11119	DebugInfo	Completed input parameter mapping.
WSI	11120	DebugInfo	Completed output parameter mapping.
WSI	11121	DebugInfo	InputAccel Server connection status changed to: %1.
WSI	11122	DebugInfo	Web response sent.
WSI	11123	DebugInfo	Begin process for creating batch %1.
WSI	11124	DebugInfo	Stop receive tasks
WSI	11125	DebugInfo	Start Receive Tasks

8.3.20 Web Services Output Client Module: Error, Warning, and Audit Log Codes

Table 8-21: Errors, Warnings, and Audits Logged by the Web Services Output Client Module

CATEGORY	CODE	TYPE	MESSAGE
WSO	8002	Error	Cannot get module options because they are corrupted or not configured.
WSO	8003	Error	Cannot get partial schema for required IA Values.

CATEGORY	CODE	TYPE	MESSAGE
WSO	8004	Error	Cannot get mapping information because it is corrupted or not configured.
WSO	8005	Error	Cannot get IA Values from batch.
WSO	8008	Error	Cannot send Web request: %1 due to incorrect web call settings or the web server is unavailable.
WSO	8009	Error	Web response Cannot recognize
WSO	8010	Error	Cannot load IA Values to batch
WSO	8011	Error	Error occurred due to %1 scripting execution: %2
WSO	8012	Error	New module settings are incorrect or not set: %1
WSO	8013	Error	Cannot open the specified WSDL due to an incorrect path or corrupted content.
WSO	8014	Error	Cannot create script processor.
WSO	8016	Error	Cannot create input request mapping parameter.
WSO	8017	Error	Cannot create output response mapping parameter.

CATEGORY	CODE	TYPE	MESSAGE
WSO	8018	Error	Type conversion failed to/from the request or response parameter to/from IA Values.
WSO	8019	Error	Cannot initialize scripting.
WSO	8020	Warning	Some of the scripts on the server are corrupt.
WSO	8021	Warning	Connection status is: %1.
WSO	8022	Error	This module only runs as a Windows service in production mode.
WSO	8023	Error	Cannot get batch information: %1.
WSO	8024	Error	Cannot get input file value %1 from batch: %2, node %3: %4.
WSO	8025	Error	User has aborted task processing.
WSO	8026	Error	Module has been started to setup a step that is not WS Output.
WSO	9001	DebugInfo	Initialization successful.
WSO	9002	DebugInfo	Logon successful.
WSO	9003	DebugInfo	New module settings applied.
WSO	9004	DebugInfo	Module settings received.
WSO	9005	DebugInfo	Partial schema received.

CATEGORY	CODE	TYPE	MESSAGE
WSO	9006	DebugInfo	Mapping information received.
WSO	9007	DebugInfo	IA Values received from batch for request.
WSO	9008	DebugInfo	Script execution log: %1
WSO	9010	DebugInfo	Web request sent.
WSO	9011	DebugInfo	Web response received.
WSO	9012	DebugInfo	IA Values loaded to batch.
WSO	9013	DebugInfo	Script %1 succeeded.
WSO	9014	DebugInfo	Input request mapping parameters completed.
WSO	9015	DebugInfo	Output response mapping parameters complete.
WSO	9016	DebugInfo	Type conversion complete.

Glossary

ACL

Access Control List

API

Application Programming Interface

COM

Component Object Model

DLL

Dynamic Link Library

dpi

Dots Per Inch

DPP

Dispatcher project file extension

DPS

Dispatcher project production settings file extension

IP

Internet Protocol

IPP

Integrated ProcessFlow Project

IT

Information Technology

MB

megabyte

MDF

Module Definition File

MIME

Multipurpose Internet Mail Extension

NTLM

NT LAN Manager authentication protocol

OCR

Optical Character Recognition

ODBC

Open Database Connectivity

PDF

Portable Document Format

RAM

Random Access Memory

RTF

Rich Text Format

SPN

Service Principal Name

TCP/IP

Transmission Control Protocol/Internet Protocol

TIF

Tagged Image File file extension

TXT

Text file

XML

Extensible Markup Language