Oracle® Document Capture

Release Notes

10*g* Release 3 (10.1.3.5.1)

September 2011

This release of Oracle Document Capture 10*g* Release 3 (10.1.3.5.1) is an update release which offers usability enhancements and resolves a number of issues discovered in the previous release. These release notes describe the new enhancements as well as any specific installation considerations for this release.

1 What's New

This version of Oracle Document Capture includes some new features and enhancements.

- New System Requirements Added
- Oracle UCM 11g and Oracle I/PM 11g Commit Drivers Added
- Import/Export Utility Added to Installation
- PDF/A Compliant Image Output Format Added
- Oracle UCM Commit Enhancements
- License Activation No Longer Needed for Selected Components
- Parent/Child Pick-list Functionality Enhanced
- Configuring Import Server to Use Oracle's Outside In Technology
- Purging Printer Jobs

1.1 New System Requirements Added

Capture now supports Microsoft Windows Vista and Windows 7 for Scan and Index components, and Windows Vista, Windows 7, and Windows 2008 R2 for the Commit, Import, and Recognition Servers. In addition, Oracle Database 11g is supported.

This release provides 64-bit support for Capture components on the following platforms, except for the Import Server's virtual printer, which is supported on 32-bit platforms only:

- Windows 2003

- Windows 7

- Windows 2008 R2

1.2 Oracle UCM 11g and Oracle I/PM 11g Commit Drivers Added

The commit drivers for Oracle I/PM 11g and Oracle UCM 11g are now included in the Capture installation setup.

1.3 Import/Export Utility Added to Installation

In this release, the Import/Export utility is available for installation as a Capture component. This utility enables you to migrate Oracle Document Capture configuration elements from one instance to another. You can import and export individual elements (such as a server batch job) or entire components (such as all Scan for ISIS profiles and macros).

1.4 PDF/A Compliant Image Output Format Added

When committing documents to Image Only PDF format, you can now generate PDF/A compliant files. The PDF/A file format contains a subset of PDF, and is often used for long term electronic document archival.

Follow these steps to set a commit profile for PDF/A output.

1. In Administration, select a commit profile.
2. In the Document Output Format field, select **PDF - Image Only**.
3. Click the adjacent **Configure** button.
4. In the PDF Image Only Settings screen, select the **Generate PDF/A documents** field. (This option is available only when PDF - Image Only is selected as the commit profile's output format.)
5. Activate the commit profile. Documents committed using it will be output in PDF/A format.

1.5 Oracle UCM Commit Enhancements

The following enhancements were made to Oracle UCM commit processing.

1.5.1 Custom Oracle UCM Fields Added

Administrators can now create custom Oracle UCM fields to map to Oracle Document Capture fields.

1.5.2 Check-In Changed to One Time Connection

The Oracle UCM Commit Driver check-in procedure has been changed to connect once per batch commit, instead of each time a document check-in is performed.

1.5.3 Enhancements Made to Oracle UCM Commit Driver Dynamic Metadata

In previous releases, the Oracle UCM Commit Driver allowed administrators to configure Capture to dynamically assign a type, security group, and account value upon commit based on a user's pick-list selection. For example, if a user selected Invoice from a Document Type index field, the document might be assigned a type of Acctg, a security group of AcctgSec, and a blank account value.

This release provides an alternate method of dynamically assigning metadata, based on mapped Capture values instead of a user's pick-list selection. Instead of one pick-list selection determining a type, security group, and account combination, you can separately map the metadata values for use in checking in documents to Oracle UCM. For more information, see the section on Oracle UCM commit profiles in the *Administrator's Guide for Oracle Document Capture*.

1.6 License Activation No Longer Needed for Selected Components

In previous releases, administrators were required to activate certain license types for a workstation, such as for Scan for ISIS, OCR, and SPDF components. License activation for these Capture components is no longer needed.

1.7 Parent/Child Pick-list Functionality Enhanced

In previous releases, a user's selection from a parent pick-list field could affect the items available in only one child pick-list field. For example, suppose a parent pick-list field called Department provides three choices (Support, Development, and Sales). If the user picks Support, a child pick-list field called Manager might display managers specific to the Support department.

With this release, a user's selection from a parent pick-list field can affect multiple child pick-list fields. So if the user chooses Support from the Department parent field, support-related choices might appear in Manager, HR Representative, and Job Title child fields.

1.8 Configuring Import Server to Use Oracle's Outside In Technology

You may choose to configure Import Server to make use of Oracle's Outside In Technology for several reasons:

- You can bypass potential document conversion problems caused by documents failing to open.

  Import Server uses the Oracle Document Capture printer driver to convert files to TIF or JPEG format. This printer driver requires a printing application to open files (for example, Adobe Reader for .PDF files or Microsoft Word for .DOC files). If problems occur with the printing application, documents can fail import. You can bypass this issue by configuring Outside In Technology to perform the conversion instead.

- Using Outside In Technology allows you to run Import Server on a 64-bit operating system.

  Support for 64-bit operating systems was added for Oracle Document Capture in release 10.1.3.5.1. The Import Server is supported on 64-bit systems with the exception of the Oracle Document Capture printer driver. Configuring Outside In Technology for document conversion allows you to use a 64-bit system for Import Server.

> **Note:** Converting documents using Outside In Technology can result in image files that are not 100% representative of their original documents. Common image fidelity issues may include differing document margin sizes and PDF form documents with some form data not imported. It is recommended that you convert and examine commonly converted documents to ensure they are of acceptable quality before deciding to use Outside In Technology with Import Server in a production environment.

You configure Import Server to use Outside In Technology through registry settings, which allow you to:

- Convert document files to image format.

- Validate files for import before conversion, to ensure they can be opened before they are sent to the printer queue.
- Specify any document types to process using the Oracle Document Capture printer driver instead of using Outside In Technology.

1.8.1 Implementing Outside In Technology for Import Server

In the following registry location, add the registry settings listed below, then adjust their values as needed based on the descriptions provided in Table 1.

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Captovation\ecImport\General]
"UseOITToImport"="1"
"UseOITToValidate"="1"
"UseOITToImportExceptions"="PDF"
```

Table 1 Registry Settings For Converting Imported Documents Using Outside In Technology

Registry Setting Name	Value	Data Type	Description
UseOITToImport	1	String	Set to 1 to export all document files to images using Outside In Technology rather than sending them to the virtual printer. Image files are processed directly and not affected by this setting.
UseOITToValidate	1	String	Set to 1 to open document files of types such as PDF, DOC, XLS, or HTML with Outside In Technology. If the file can be successfully opened without error, it is sent to the virtual printer for processing. This setting limits errors that result when the printing application displays an error or a security dialog box. Image files (for example, TIF or JPG files) are processed directly and not affected by this setting. **Note:** The UseOITToValidate setting is relevant only when a document is converted through the virtual printer. When using Outside In Technology to print, this setting is ignored because validation occurs at the time Outside In Technology opens the document to convert it.
UseOITToImportExceptions	PDF	String	Enter a comma-delimited list of document file extensions to send to the virtual print driver instead of to Outside In Technology processing. This setting applies only when the **UseOITToImport** setting is enabled.

1.9 Purging Printer Jobs

A new setting was added to resolve issues that can occur if documents fail processing and new print jobs begin. When set, the **PurgePrinterJobs** option purges the print queue before processing each document. If you intend to process documents through the Oracle Document Capture printer driver, it is beneficial to enable this option.

- The PurgePrinterJobs option applies to the Oracle Document Capture printer driver, not Outside In Technology processing as described in Section 1.8.
- An entry is written to the log file before the print queue is cleared.

To enable PurgePrinterJobs, add the registry setting (select **string** as the data type) listed below in the following registry location:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Captovation\ecImport\General]
"PurgePrinterJobs"="1"
```

2 Resolved Issues

The main issues resolved in this release are listed below.

- General Issues
- Scan Issues
- Import Server Issues
- Commit Server Issues
- Recognition Server Issues
- Commit Processing Issues

2.1 General Issues

- An issue with scrolling in pick-list relationship fields containing more than seven items has been resolved.
- An issue where Capture Administration stopped responding with more than 30,000 users defined has been resolved.
- An issue where unicode character ÿ (y with umlaut, or ANSI 255) changed during batch translation was resolved.
- A new browser window now opens when displaying help files.
- Added the ability to limit the number of batches returned when refreshing the batches collection, which is useful when operating across a WAN.

  Note: Oracle does not recommend using Oracle Document Capture in a WAN environment.

  Optionally, add a BatchRefreshLimit registry setting (HKEY_LOCAL_MACHINE\software\captovation\ecapture\Imaging Systems\eCapture, with a string data type) and set the BatchRefreshLimit value to the number of batches to return. (If set to 0, all batches are returned.)
- The License Manager Setup command has been removed from the System menu of Oracle Document Capture.

2.2 Scan Issues

- An issue where Scan for Adrenaline .ini files were incorrectly stored in the user's Temp folder has been resolved.
- A Vista issue where Scan .ini files were not written to the same directory as the pixscan.mdb file has been resolved.
- An error that occurred when accessing an ISIS scan profile with a scanner powered off has been resolved.

2.3 Import Server Issues

- An issue with the Import Server log reporting an average image processing time of 0 seconds has been resolved.

- An issue where Import Server was unable to forward or delete e-mail after correctly processing a multiple-image .TXT file has been resolved.
- Two keyboard shortcuts were added to Import Server: Shift + F10 to activate the menus, and Ctrl + Tab to change tabs.
- An issue where Import Server imported the wrong images per list file has been resolved.
- An issue with Import Server not extracting all body text in html e-mails has been resolved.
- An issue where Import Server printed hidden pages of Excel spreadsheet (*.xlsx) files has been resolved.
- An issue with third-party application dialog boxes causing Import Server to halt was resolved.
- An Import Server issue where emails with many attachments were not deleted after import has been resolved.
- An Import Server issue where scheduled events did not occur under certain conditions has been resolved.
- Import Server error e-mail notifications now display the error number and a description.
- An issue where Import Server failed to forward or delete emails with certain post processing errors has been resolved.
- An Import Server registry setting was added to enable Email provider logging.
- An issue with PDF creation when running Import Server as a service has been resolved.

2.4 Commit Server Issues

- An issue with Commit Server failing to create searchable PDFs when running as a service has been resolved.
- An issue where Commit Server processing stopped when its Oracle database connection was lost has been resolved.
- A change in the character used to separate pick-list display and commit values that resulted in issues committing via Commit Server has been resolved.
- An issue in which it was possible for Commit Server to process a batch locked by another commit server has been resolved.
- A Commit Server issue in which certain non-committed batches were not correctly deleted has been resolved. Batches containing separator sheets but no images are not committed and now correctly deleted.

2.5 Recognition Server Issues

- An issue with Recognition Server reading PDF417 bar codes has been resolved.
- Recognition Server now skips batches marked as committed or partially committed until Commit Server processes them.

2.6 Commit Processing Issues

- In certain cases, when a batch failed to commit to Oracle UCM as native format files, a page was deleted from the Batches folder. This issue has been resolved.
- A missing required value in a document no longer stops the entire Oracle I/PM batch commit process.
- An error that occurred with commit profiles set to PDF Image Only output and PDF/A format has been resolved.
- An Oracle UCM commit issue that resulted in some documents being mistakenly committed more than once was resolved. A document containing an invalid date caused the batch commit to stop, but batch documents successfully committed before the error were not deleted.
- A commit issue where no text file was generated with Searchable PDF has been resolved.
- A Searchable PDF issue in which the console window displayed at batch commit has been resolved.
- The **Run in a separate process** option has been removed from the Searchable PDF Settings dialog box. All Searchable PDF processing is now performed in a separate process.
- A PDF Image Only issue involving a memory leak has been resolved.
- An Oracle UCM Commit Driver error in which a message displays that the remote server machine does not exist or is unavailable has been resolved.
- An SPDF memory read error was resolved.

3 Installation Considerations

You can install this Oracle Document Capture 10*g*R3 release over previous 10*g* Release 3 software versions without first uninstalling the software.

Oracle Document Capture, 10*g* Release 3 (10.1.3.5.1)

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