

# Perceptive Document Composition

## Release Notes

Version: 6.2.0

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## Perceptive Document Composition (December, 2017)

This release includes the following version.

- Perceptive Document Composition 6.2.0

The following enhancements and updates are included in this release.

### Enhancements

#### E-Mail

It is now possible to specify a "sender" address using PDC e-mail printer or Odin component "Odin e-mail". The sender address is used for the SMTP command "MAIL FROM". An email server uses this address to "bounce" back the emails that cannot be delivered.

#### Support for MS Word 2016

PDC 6.2.0 now supports the 32-bit and 64-bit versions of "MS Word 2016".

#### Support for Windows Server 2016

PDC 6.2.0 now supports the "Windows 2016" server.

#### Support for MS SQL Server 2016

PDC 6.2.0 now supports the "SQL Server 2016" database version.

#### Support for Microsoft .NET Framework 4.7

PDC 6.2.0 now supports Microsoft .NET Framework 4.7.

#### LDAP

PDC can now read the user group name from a configured LDAP user attribute.

### Updates

PDC 6.2.0 release provides updates to the following features.

- Improvements were made to the DOCX to XPS converter. (Support tickets 24028298, 24002973, 02287262)
- Resolved an issue with watermark feature for PDC Windows and WebClient. (Support ticket 02230617)
- Resolved an issue with DB deadlocks using Odin component "odin Import" with a SQL Server database. (Field request 6929)
- Resolved an issue with Windows handle leaks using DOCX to XPS conversion in MWS process. (Support ticket 01882553)
- Resolved an issue with a DB timeout while reactivating a textblock stored in a SQL Server database. (Support ticket 02199060)

- Resolved an issue with Windows handle leaks when the Odin component was "Odin E-Mail". (Field request 6773)
- Resolved an issue when the Windows service "Modus Core" was shut down on receiving an invalid UDP message. (Support ticket 24003360)

## Historical patches

### Perceptive Document Composition (April, 2016)

This release includes the following version.

- Perceptive Document Composition 6.1.1

The following enhancements and updates are included in this release.

#### Enhancements

##### Support for Windows 10

Perceptive Document Composition 6.1.1 supports "Windows 10" OS (32 bit and 64 bit).

##### Support for Microsoft .NET Framework 4.6.1

Perceptive Document Composition 6.1.1 supports Microsoft .NET Framework 4.6.1. Due to issues contained in .NET Framework 4.6.0, the version 4.6.0 is not supported.

#### Updates

PDC 6.1.1 release provides updates to the following features.

- Improvements were made to the DOCX to XPS converter. (Salesforce tickets 01580425, 01579365, 01500456)
- Resolved an issue when a filename containing several dots was assigned to the property "OutputFileName" of script context "OdinEmailConvert". (Salesforce ticket 01608868)
- Resolved an issue in PDC component "OdinRendition". This component was leaking Windows handles. (Salesforce ticket 01548230)
- Resolved an issue in PDC Windows Client. The Save button was not enabled in a specific scenario. (Salesforce ticket 01546030)
- Resolved a performance issue in PDC Windows Client with document bundles that contained more than 100 documents. The activation or deactivation of a document in PDC Client with similar bundle which earlier took about 30 seconds was enhanced. (Salesforce ticket 01546030)
- Resolved an issue in the method "DeleteProcessRecords" of PDC component "OdinDbTasks". (Salesforce ticket 01537922)
- Resolved an issue with the method "Rectangle" of script context "OdinStreamDocument". The parameter "lineColor" was not handled properly. (Salesforce ticket 01515006)
- A work around in PDC Windows and WebClient was implemented for a MS Word issue, where the print out displayed brackets when a document template contained a protected text block and the

generated document was printed using the local print function of PDC Windows or SL client. (US89012)

- Resolved a concurrency issue with PDC component “OdinConvert”. (Salesforce ticket 01467863)
- Improvements were made to PDF to XPS conversion and Compart release 2.5.2015.9 was included. (Salesforce tickets 01210272, 01231828)

## Perceptive Document Composition (November, 2015)

This release includes the following version.

- Perceptive Document Composition 6.1

The following enhancements and updates are included in this release.

## Enhancements

### Send Email

You can now send an email to an email address that contains the character “=”. In previous releases, it was possible to pass the recipient email address using the so called “list format”.

In this format, the character “=” was used as a special character to delimit the display name from the email address. For example, the string “JonDoe=jdoe@test.com” was interpreted as email display name “JonDoe” and email address “jdoe@test.com”. Due to this behavior, it was not possible to send an email to an address containing the character “=”.

With PDC release 6.1, the “list” format is no longer supported so the string “JonDoe=jdoe@test.com” is not split by “=”.

This change affects the following properties of script context OdinEmail and PDC process component OdinEmail.

- MailTo
- MailCC
- MailBcc
- MailReplyto

### Convert text file to XML (xData)

Two new PDC process components are now available which enables you to use text files that contain business data for input to generate documents.

- **CsvConverter**. Converts a CSV text file to an XML file. For more information, refer to “Processes > Process Designer Components > CsvConverter” in *Perceptive Document Composition Studio Product Guide*.
- **FlatFileConverter**. Converts text files containing data at fixed positions to an XML file. For more information, refer to “Processes > Process Designer Components > FlatFileConverter” in *Perceptive Document Composition Studio Product Guide*.

## Apply Watermark

You can apply a temporary watermark to a document that you generate using Word during end user interaction (edit or preview) on Windows and WebClient. For more information, refer to “appSettings in PDC.Client.exe.config” and “appSettings in PDC.WebClient.xml” in the *Perceptive Document Composition Configuration Guide*. (US54579)

## Infer XSD schema

You can now infer an XSD schema from an XML file in PDC Studio XSD editor in case no XSD is available. For more information, refer to “Xdata > Selections > XSD Selections > Infer an XSD schema” in *Perceptive Document Composition Studio Product Guide*.

## Monalisa functions

The following Monalisa functions are now available.

- **EncryptString**. The method returns a string containing the encrypted text.
- **MLPerceptiveArchive**. This function offers a new function “AddToWorkflow” to start a workflow immediately after storing a document in Perceptive Content archive.
- **LoadExternalDocument**. This function is enhanced and now enables the system to load a file from a web server that requires Windows authentication.

## MWS Soap Interface

A new function “Rep\_GetItemDescription” is now available to get the description of a PDC item. For more information, refer to “Web Services > Modules > WS Process > Functions > Rep\_GetItemDescription” in *Perceptive Document Composition WebServices Developers Guide*.

## Support for Microsoft .NET Framework 4.5.x

Perceptive Document Composition 6.1 supports Microsoft .NET Framework 4.5.x. The version .NET 4.6 is currently not supported due to some issues found in the new 64-bit JIT compiler. Currently, Microsoft is creating a patch for .NET 4.6 that includes fix for few issues found in the 64-bit JIT compiler. For details, you can search in the web for “RyuJIT Bug Advisory in the .NET Framework 4.6”.

## Support for Microsoft Internet Explorer 11

Perceptive Document Composition 6.1 supports Microsoft Internet Explorer 11 for Windows 7.

## Support for Microsoft SQL Server 2014

Perceptive Document Composition 6.1 supports Microsoft SQL Server 2014.

## Updates

PDC 6.1 release provides updates to the following features.

- Improvements were made to the DOCX to XPS converter. (Salesforce tickets 01329360, 01350963, 01360860)



- Resolved an issue where an email address was used that contained the character “=”. (Salesforce tickets 01284060)
- Resolved an issue in PDC web client, where in the input mask “90/90/0000;1;\_”, the “/” character was always displayed as date separator. The language specific date separator is now displayed. (Salesforce ticket 01441270, 01442395)

This PDC release contains the Compart release 2.5.2015.9 that now supports XPS style simulations and contains improvements for PDF to XPS conversion. (Salesforce tickets 01210272, 01231828)

## Perceptive Document Composition 6.0 (August, 2014)

This section contains the following enhancements and updates for Document Composition, version 6.0.

### Enhancements

#### Perceptive Document Composition Setup

- Provided an enhanced setup. This allows users to install Document Composition through Perceptive Document Composition Setup Wizard.

#### Microsoft .NET Framework 4.5.1 support

- Updated the product requirements. Version 6.0 required Microsoft .NET Framework 4.5.1.

#### Native 64-bit support

Version 6.0 was available as a native 64-bit version for 64-bit operating systems.

- A 64-bit version of PDC does not support the following scenarios.
- A bundle contains one or more PDF documents.
- PDF-to-XPS conversion uses the standard library provided with PDC setup.

To resolve the restriction, perform one of the following actions.

- Install the 32-bit version of PDC.  
Before uninstalling your current PDC installation, take the backup of PDC configuration files as described in the *PDC Installation and Setup Guide*.
- Use the Compart library for PDF-to-XPS conversion.  
If you do not have a valid Compart license, you have to purchase one. Send an email to Perceptive Product Support and request the license for your environment ([support@perceptivesoftware.com](mailto:support@perceptivesoftware.com)).

#### Extended property transfer

- PDC Studio 6.0 allowed you to transfer text block properties including the properties of all the child objects and their attributes. For more information, refer to “Transfer properties” in the *PDC Studio Product Guide*.

#### Extended “Apply properties” wizard

- PDC Studio 6.0 provided an extended wizard. This enables you to apply properties of text blocks and text block variables to all occurrences of the text block in the current system. You can also determine

on which objects the chosen properties should be applied. For more information, refer to “Apply text block and variable properties” in the *PDC Studio Product Guide*.

## New event SetXMLData in XSD selections

- PDC Studio provided the new SetXMLData event that is available on XSD selections. This event enables you to preload XML data from a folder, call external methods to load the XML data, and make changes to the loaded XML data before running the document generation.

## Processing of data XMLs containing namespaces

- PDC Studio 6.0 enabled you to process data XMLs that contain namespaces. For more information, refer to “Additional Functions of the Class MLXmlDocument” in the *PDC Studio Product Guide*.

## Updates

PDC 6.0 release provided updates to the following features.

- A specialized dialog called xData to maintain selection parameters is now available.
- Resolved an issue with PDC processes running on VMWare. An error is no longer generated when the processes are stopped. (Salesforce tickets 00552105, 00572412 and 00539211)
- Improvements were made to the DOCX to XPS converter. (Salesforce tickets 00586599, 00583016, 00572401, 00539863 and 00778760)
- The rendering of PDC variables has been enhanced.(Salesforce ticket 00752737)
- The following rights were created to control the according buttons on the Navigator toolbar. (Salesforce ticket 00767199)
  - Display Locked Objects
  - Display Work Versions
  - Display Scheduled Transfers
  - Display Transfer History
- Display Deleted Objects
- Resolved an issue with line breaks when used in the CopyLabel content control of a document template. (Salesforce tickets 00790784 and 00784053)
- Resolved an issue with text block variables that ended with non-breaking hyphens. (Salesforce tickets 00790784 and 00784053)
- Resolved an issue with generating DOCX files when using the Microsoft Word page numbering content controls. (Salesforce tickets 00790784 and 00784053)
- Resolved an issue with the creating of an IBM DB2 OLEDB connection in the DB Alias Editor. (Salesforce ticket 00811542)
- Resolved an issue with the following error message in the MWS service.( Salesforce tickets 00821240 and 00770844)  
"Could not find file '[FolderPath]\process.bin'

- Resolved an issue with input XML files getting lost when an invalid XML file was loaded in the ModBatch process. (Salesforce ticket 00783887)
- Memory usage of the document generation engine was improved. (DE27013)