PlanetPress® Connect

OL™ Software

Release Notes

Version: 1.6.1

PlanetPress® Connect

OL™ Software

Release Notes
Version 1.6.1
Last Revision: 2017-01-25

OBJECTIF LUNE

PlanetPress.
Connect

Table of Contents

PlanetPress.
Connect

Overview

This document provides an overview of the new features and enhancements in PlanetPress Connect 1.6.1 and PlanetPress Workflow 8.6.1.

The major focus of Connect 1.6 has been to improve performance and increase stability, as well as launching a new option for the PReS Connect and PlanetPress Connect brands called **OL Connect Send**.

A description of the the new **OL Connect Send** can be found here: "OL Connect Send" on page 8.

Installing PlanetPress Connect 1.6.1 and PlanetPress Workflow 8.6.1

- PlanetPress Connect is released as a 64 Bit version only (with the exception of the Workflow, Fax, Search and Imaging modules).
- Full details on installing and licensing PlanetPress Connect and PlanetPress Workflow can be found in the online help in the installer.
- Note that both PlanetPress and PlanetPress Connect Workflow come with a 30 day trial licenses by default.

Updating from PlanetPress Connect 1.1

In order to upgrade from Connect Version 1.1 to Version 1.6.1 via the Update Manager it is necessary to install a new version of the Objectif Lune Update Client. The next time you run your current Update Client it will show that there is an update available for itself. Simply click on the download button in the dialog to install the new version of the Update Client. Note that it is no problem to run the update while the Client is open. It will automatically update itself.

Once you have done this, PlanetPress Connect 1.6.1 will become available for download.

From Connect Version 1.2.0 onwards, the newer version of the Update Client was included with the Connect installation.

Updating stand-alone Workflow Messenger installations

If Workflow Messenger were installed stand alone, with no other Workflow components installed, the Update Client cannot find the Messenger component and thus it will not

automatically update the component to the Workflow 8.6.1.1 version of Messenger. To get around this, download and run the Workflow 8.6.1 installer manually.

Templates Used in Workflow

For improved performance we recommend re-saving Workflow templates set up in the previous versions to run with PlanetPress Connect1.6.1\Workflow 8.6.1.

Updating Connect 1.5 installations using Microsoft SQL Server as back-end

If a Microsoft Server and MySQL were installed with Connect 1.5, and the Server Configuration Tool used to switch the back-end database to Microsoft SQL, then an extra step is required in the Update to Connect 1.6.1. The procedure is documented in the installation guide.

Print Only Version

A Print Only license is available with version 1.6.1 of PlanetPress Connect which allows legacy PlanetPress Suite 7 customers on OL Care to upgrade to Connect for a minimal fee. The license allows regular printing via the Print Wizard but runs Email and Web output in demo mode. For more information, please contact your local OL Customer Care or Sales team.

Reduced Memory Version

> **Note**
>
> This is **not** recommended for production.

It is now possible to install PlanetPress Connect on a machine with a minimum of 2 GB of RAM. The PlanetPress Connect Designer will automatically detect whether it has been installed on a machine with less than 4 GB of RAM and default to only using one internal Weaver and one internal merge engine on that system. The Server will also run using internal engines.

OL Connect Send

OL Connect Send is an application of two components. The first is a Windows printer driver and the second is a set of Workflow plug-ins.

In its most basic form, OL Connect Send allows the transmission of print files over the Internet from any Windows Desktop application.

OL Connect Send flavors

OL Connect Send comes in three flavors. These are:

- **Free of charge**: No license required; any user; any domain; no usage limits; no web interaction.
- **User mode**: user-domain license required for each client domain; no usage limits, web interaction. OL Care at POP sold separately. Packages are available for 10, 25, 50, 100, 200 or Enterprise (Unlimited) users.
- **Credit mode**: credit license required; any user; any client (allows all domains) ; limited by credits only, web interaction. Includes OL Care at POP. Credits packages available for 20,000, 50,000, 100,000, 200,000 credits, 400,000 and 1,000,000 credits.

With the licensed version, OL Connect Send has the ability to requests a web page, displayed in the user's browser that allows them to enter job specific information. The information from this web page tells Workflow what to do next. OL Connect Send can be used to create custom interactive workflows from a centralized location, yet has the ability to be deployed and installed very easily.

OL Connect Send Verticals and applications

OL Connect Send has many applications. These include:

- **Print-for-Pay market**: Enables the consolidation of incoming jobs for further processing, printing and mailing.
- **Insurances and Financial market**: Desktop capture over the Internet of print jobs, (remote workers and branches), for centralized processing, printing and mail.
- **Law firms**: Desktop capture over the Internet of print jobs requiring complex mail merge and stationery management.

- **Supply Chain**: Inbound document processing, such as capturing inbound invoices or POs for publication in an ECM. Print to EDI for outbound documents such as invoices.

For further information on Connect Send, please refer to the OL Connect Send website and standalone User Guide.

Connect 1.6.1 General Enhancements and Fixes

Performance improvements

- Changes to the handling of **transparency in PDF backgrounds** has not only cured some job failures, but has also led to substantial improvements to both output speeds and filesizes. (49680)
- Improved processing speed for **multiple large detail table** documents. (47252/48537)
- Improvements made to the **clean-up** processes, improving overall production speed.
- Some **memory leaks plugged**, improving overall production speed.
- Improved reliability when using **MS-SQL** as back-end database.

Further Performance improvements can be found detailed in the Output Enhancements and Fixes section.

Documentation improvements

- Help layout changed to allow **easier navigation**, and the content improved.
- Broken links within the **Welcome Screen** have been fixed. (39077/47964)

Installer improvements

- **Microsoft SQL Server** can now be setup as the back-end database during the installation process. (47546)

Connect 1.6.1 Designer Enhancements and Fixes

General Designer improvements

- **Interface improvements** such as inclusion of icons for different types of files (js and CSS).
- Provided option to configure the **script timeout period**. (48639)
- Minor issues with non-English language **translations** fixed.
- Display issues that were sometimes encountered when changing **section background images** have been fixed.
- Issue with Virtual Stationery not being enabled when adding VS PDF in **Formal Letter Template** wizard now fixed. (47268)
- Fixed an issue in which **resizing an abs box** in some scenarios would result in an additional box being displayed. (47858)
- When **typing in a non-English input language** (such as Hebrew), the keyboard input would periodically switch to English. This issue has been fixed. (49566)
- Saving a template when in Source view would erroneously **show snippet content** within the Source view thereafter. This has been fixed. (50131)
- HEX encoding option added to **DataMatrix** barcodes. (47897)

Capture On The Go (COTG) and Web form improvements

- **Dummy data** can now be added, to help when designing COTG forms. (47835)
- Improvements made to the COTG **Kitchen Sink** template Wizard. Added Image Annotation and Fields Table controls. (47817)
- Visible container added to **Geolocation** objects.
- Added support for **blank forms**, for multiple submissions. (50483)
- Workflow "**Output to COTG**" task now returns Document ID. (50487)
- Fixed picture issues with **iOS** sometimes causing image to be displayed as a red "X". (45231)
- Fixed Geolocation coordinates on **Android** devices. (46831)

Connect 1.6.1 DataMapping Enhancements and Fixes

- Support for **Regular Expressions** added to database searches. (51694)

- Improved Datamapping process **reliability**.

- Improved data record reliability when handling **large jobs** (those in excess of 50,000 records).

- Improved **PDF extraction** avoids character duplication.

- Improved **marking of data fields** in extraction steps.

- New option added to **support multibyte** (variable length) encoded data such as Big5, GBK, UTF-8 and Shift-JIS. (46813)

- Fixed issue whereby post-function for **extracted fields containing several lines** would only replace characters on the first line. (47949)

- Fixed issue with **Identically named datafields** in different detail tables causing issues with data extraction.

- Fixed issues with **Right-To-Left text concatenation**. (48712)

- Fixed issues with **PlanetPress Suite PDFs** not working consistently within Connect. (50355)

PlanetPress.
Connect

Connect 1.6.1 Output Enhancements and Fixes

General

- Merge Engine **memory leaks** fixed. (50188)
- Improved creation of **Metadata** after content creation.
- Improved conditional content for **Email and Web output**.
- Fixed issue with PDF Pass-through jobs, whereby **hidden features of the PDF** input were being included in the output. (49373)
- Some templates containing JPG or Bitmap graphics could trigger the **flatten.exe** program (used for flattening external files) to repeatedly open, causing performance degradation or even failure. (51251)

Email Output

- Fixed issue with the **email Subject field** not being encoded properly when using characters other than Latin characters. (48781)
- To **improve privacy** certain Meta tags that were embedded in the output email HTML have been removed. These include "email-reply-to", "email-from", "sender-name" and "sender-address". (49864)
- The **Date field** was not always included in the email header. This has been fixed and the Date field should now be present in all email headers. (48706)

Print Output

- Improved processing speed for jobs involving **separation** that create multiple output files. (49167)
- Improvements made in the **conversion of PDFs** to other formats have made such conversions significantly faster and the output smaller, in PCL output. (50140)
- Improved **page range handling** on last page.
- Improved **N-Up** positioning.

- If an image file were replaced on disk between runs then a subsequent **Proof printing** would display the old image, . This has been fixed. (47567)
- Merge engine no longer slows down when using **external JavaScript** files in print sections. (48447)
- Fixed "**ApplicationException: Null**" errors encountered in some PCL outputs. (50868)

Connect Workflow 8.6.1 Enhancements and Fixes

General improvements

- A multitude of changes and enhancements made to support new **OL Connect Send** functionality within Workflow.
- Support for **password protection** added to "Create PDF" task. (48380)
- **Generic Data Repository** field length extended beyond previous limit of 32 characters. (47734)
- Added new "**Create PDF Preview**" task for lightning fast creation of single record PDF. (49497)
- Minor issues with some **language translations** fixed.
- Fixed issue with **control script tags** not being set correctly in email headers, in emails sent via Workflow. (51708)
- Fixed issue with the HTTP Server Input plug-in not receiving any data when a **webform contains the** *enctype="multipart/form-data"* **instruction** and no files were attached to the form. (35751)
- When running a process that produces an email with a PDF attachment along with a print output in the same process, the **email attachment would be incorrect** (that of the previous run). This issue has been fixed. (51879)

Performance and Stability improvements

- Improved **Print Content Creation** speed in both stand-alone and "All-In-One" tasks. (49589)
- Improved reliability in **simultaneous (multi-threaded)** COTG uploading. (47146)
- Option added to "***All-In-One***" plug-in to disable the storing of temporary data if not needed.
  This speeds up both output and the cleanup afterward. (50713)
- Fixed issues with **inconsistent PDF output** when calling the *Get Result* method (REST API) in the *All-In-One* process. (49413)

PlanetPress.
Connect

- Fixed issue with Connect (Merge Engines) losing performance when **large numbers of smaller jobs** were processed through Workflow. (50863)

- Fixed potential out-of-memory error with **very large Workflow configuration** files. (51621)

- Fixed crashes encountered when **large numbers of data selection calls** were issued in highly threaded processes. (50569)

HTTP and SMTP Server improvements

- Support added for **cross-origin HTTP** (CORS HTTP) requests, to facilitate the development and testing of web templates. (47014)

- Added option to **specify SMTP port number** in "Create Email Content" task. (49887)

- Documentation on **how to retrieve attachments from SMTP input** improved. (49473)

- Fixed corruption of **large uploaded files**. (47901)

- Fixed the timeouts encountered when the option "**Do not include XML envelope**" were selected. (49186)

- Fixed the **HTTP 501 error** when receiving Authorization headers other than Basic. (48387)

Capture On The Go (COTG) improvements

- "*Output to COTG*" task now returns **Document ID**. (50487)

- Fixed issue with "*Output to COTG*" task that could sometimes cause memory corruption, requiring a restart of the services. (47804)

Known Issues

Installing OL Connect Send on a machine with Connect installed.

When OL Connect Send Plug-Ins are installed (either standalone or via a Workflow installation) on the same machine as Connect, an interference between OL Connect Send's internal Database and that of Connect may occur, which will block a browser popup on that same machine.
This issue can be fixed by applying a startup wait to the Connect Server Service.
If the issue occurs during runtime, restarting the Connect Server Service will fix the issue.

OL Connect Send issues under Microsoft Edge browser.

- Issues with using the built-in Windows 10 default "Administrator" account and the OL Connect Send Client. This is due to Windows disallowing the opening an Edge browser whilst running under this account. This blocks interaction with the printer driver.
- The Microsoft Edge browser fails to display web pages when Workflow's CORS option (in the HTTP Server Input 2 section) is set to "*". This issue will be resolved in a future release.

Installation Paths with Multi-Byte Characters

When installing the Chinese (Traditional or Simplified) or Japanese versions of Connect, if the user specifies an alternative installation path containing multi-byte/wide-char characters it can break some of the links to the Connect-related shortcuts in the Start Menu and cause an error to appear at the end of the installer. The workaround for the moment is to use the default installation path. The problem will be addressed in a later release.

Switching Languages

Changing the language using the **Window>Preferences>Language Setting** menu option does not currently change all of the strings in the application to the selected language. This is a known issue and will be fixed in a later release.

In the meantime we offer the following workaround for anyone who needs to change the language:

1. Go to the .ini files for the Designer and Server Config:

   - C:\Program Files\Objectif Lune\OL Connect\Connect Designer\Designer.ini
   - C:\Program Files\Objectif Lune\OL Connect\Connect Server Configuration\ServerConfig.ini

2. Change the language parameter to the required one under Duser.language=en | es | de | fr | it | ja | pt | tw | zh

Only one of the above language tags should be selected. Once saved, Connect will appear in the selected language at next start-up.

GoDaddy Certificates

When installing Connect offline, dialogs allow installing the GoDaddy certificates. Most users should use the default settings and click **Next**. In some cases, however, this may not work correctly. For this reason those users should activate **Place all certificates in the following store** and then select the **Trusted Root Certification Authorities** as the target certificate store.

MySQL Compatibility

After installing Connect 1.6 a downgrade to a Connect version earlier than Connect 1.3 or to a MySQL version earlier than 5.6.25 is not seamlessly possible. This is because the database model used in Connect 1.3 and later (MySQL 5.6) is different to that used in earlier versions. If you need to switch to an older version of Connect / MySQL, it is first necessary to remove the Connect MySQL Database folder from "%ProgramData%\Connect\MySQL\data" before installing the older version.

PostScript Print Presets

The print presets for PostScript were changed from Version 1.1 onwards meaning that some presets created in Version 1.0 or 1.0.1 may no longer work.

Any PostScript print preset from Version 1.0 that contains the following will not work in Version 1.6: *.all[0].*

Any preset containing this code will need to be recreated in Version 1.6.

Available Printer Models

Note that only the single Printer Model (Generic PDF) will appear on the **Advanced** page of the **Print Wizard** by default.

To add additional printer models click on the settings ⚙ button next to the Model selection entry box.

Note that the descriptions of some of the printers were updated in version 1.2 meaning that if you had version 1.n installed, you may find that the same printer style appears twice in the list, but with slightly different descriptions.

For example the following printer types are actually identical:

- Generic PS LEVEL2 (DSC compliant)
- Generic PS LEVEL2 (DSC)

External Resources in Connect

There are certain limitations on how external resources can be used in Connect. For example if you want to link a file (e.g., CSS, image, JavaScript etc.) from a location on the network but you do not want to have a copy of the file saved with the template you need to do the following:

1. The resource must be located where it can be accessed by all Servers/Slaves run as users. Failure to do this will cause the image to appear as a Red X in the output for all documents which were merged by engines which could not access the file. The job will terminate normally and the error will be logged.
2. The file must be referenced via a UNC path e.g., file:////w2k8r2envan/z%20images/Picture/Supported/JPG/AB004763.jpg
   - UNC paths are required because the services will be unable to access mapped network drives (Windows security feature).
   - The engine processing the job will look on the local file system for the direct file path leading to the "resource not found" issue mentioned above.

> **Warning**
>
> Important Note: The Designer itself and Proof Print do not use processes that run as services and they may find local files with non-UNC paths which can lead to the false

> impression that the resources are correct.

Using Capture After Installing Workflow 8

If PlanetPress Connect Workflow 8 is installed alongside PlanetPress Suite Workflow 7, Capture can no longer be used within Workflow 7. The plugins are now registered uniquely to Workflow 8 and the messenger for Workflow 7 is taken offline. It is only possible to use Capture from PlanetPress Connect Workflow 8 thereafter.

Capturing Spool Files After Installing Workflow 8

If PlanetPress Connect Workflow 8 is installed alongside PlanetPress Suite Workflow 7, the PlanetPress Suite 7 option to capture spool files from printer queues will no longer function. The solution is to use PlanetPress Connect Workflow 8 to capture spool files from printer queues.

Colour Model in Stylesheets

The colour model of colours defined in a stylesheet can sometimes change after editing the stylesheet. This is a known issue and will be addressed in a subsequent release.

Online Help Links Point to Introductory Page

Context sensitivity for the online help is not yet enabled in Connect. All links and F1 calls point to the introductory page, where you can Search on keywords to bring up Help pages relating to the topic.

Context sensitivity will be introduced in a subsequent release of Connect.

Image Preview in Designer

If in the Windows Internet settings (**Connection Settings > LAN configuration**) a proxy is enabled, but "Bypass proxy settings for local addresses" is not checked, the image preview service, conversion service and live preview tab in the Designer will not work and exhibit the following issues:

- Images will be shows as 0 size boxes (no red 'X' is displayed)
- Live preview does not progress, and when re-activated reports "browsers is busy"

To fix the issue you must check the "Bypass proxy settings for local addresses" option.

Merge\Weaver Engines when Printing

The print operation in the Designer will automatically detect whether the Merge\Weaver engines are available and display a message for the user to retry or cancel if not. Once the Merge\Weaver engine becomes available and the user presses retry the print operation will proceed as normal. This message can also occur in the following circumstances:

- If the server is offline and you are not using Proof Print
- On some occasions before the Print Wizard opens

REST Calls for Remote Services

The Server will now accept REST calls for all remote services and will make commands wait indefinitely until the required engines become available. The Server will log when it is waiting for an engine and when it becomes available. Note that there is no way to cancel any commands other than stopping the Server.

Print Content and Email Content in PlanetPress Workflow

In PlanetPress Workflow's Print Content and Email Content tasks, the option to Update Records from Metadata will only work for fields whose data type is set to String in the data model. Fields of other types will not be updated in the database and no error will be raised. This will be fixed in a later release.

VIPP Output

Some templates set up with landscape orientation are being produced as portrait in VIPP. It can also sometimes be the case that text and images can be slightly displaced. These are known issues and will be addressed in a later release of Connect.

Print Limitations when the Output Server is located on a different machine

The following limitation may occur when using the Print options from a Designer located on a different machine to the Output Server:

- The file path for the prompt and directory output modes is evaluated on both the client AND server side. When printing to a network share it must be available to BOTH the Designer and Server for the job to terminate successfully.
- The Windows printer must be installed on both the Server and Designer machines.

- When printing via the Server from a remote Designer, the output file remains on the Server machine. This is remedied by selecting "Output Local" in the Output Creation configuration.