OL™ Connect Send

Printer Driver Installation Guide

Version 1.6

Printer Driver Installation Instructions

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Installing OL Connect Send Printer Driver

> **Note**
>
> OL Connect Send Printer Driver can be found on OL Web Site at http://help.objectiflune.com.

Setup Process – New Installation

The following section describes the installation process for the **OL Connect Send (OLCS) Printer Driver**.

> **Note**
>
> If the **Taskbar Notifier** is left running on a machine the Notifier cannot be (re-) started. An error message will be displayed by Windows. The **Taskbar Notifier** must be closed before switching to a different user account on the same machine, unless the current user is still logged in.

Starting the installation

Click the **SetupOLCSClient.1.0.5.11523-05.msi** file to start the **OLCS Printer Driver** Setup. This first screen appears, containing basic information. Click **Next** to proceed.

The next screen shows the EULA. Please read and accept it to proceed further by pressing **Next**.

Server URL Settings

The **Server URL** screen allows the host (IP address or name) name for **Workflow** to be entered. This is the server that will capture and process print jobs. The HTTP communication port (default 8080) should be set too.

If **Workflow** is active, the **Test** button can be used to validate the connection. (It does not check if the **OLCS** plug-in is installed and answering.)

If the **No interaction** checkbox is enabled, it will cause this printer to send jobs to the server without requesting an HTML response. Use this mode to deliver print jobs without further interaction. When enabled, a web browser window will not be opened, but SysTray messages will pop up indicating job transmission success or failure.

Enable secure communication (HTTPS): When selecting this option, the **Printer Driver** and **Workflow** will communicate using the secure HTTPS protocol (data transfer is secured and encrypted).

Accept all certificates: When **HTTPS** is selected, by default the **Printer Driver** will only accept valid certificates on **Workflow**. If a self-signed certificate is sufficient for the transfer the root validation of the certificate can be switched off.

> **Tip**
>
> For additional information about secure file transfer, HTTPS certificates and how to request a countersigned certificate, please see SSL HowTo and Apache SSL/TLS respectively.

When done click **Next** to continue.

> **Technical**
>
> 8080 is the default port for communications with **Workflow**, but it can be changed. It can be checked in the Workflow preferences under “Plug-in” – “HTTP Server Input 1” – “Protocol options” – “Port”.

Printer Name and Logging

In the Printer name and logging screen, you can set a name for the printer you wish to create and setup the logging level.

Printer name

The setup program will check if a printer with the same name and number already exists. If so, the number is automatically increased until no matching printer name is detected. This then becomes the proposed printer name in this dialog.

> **Note**
>
> As opposed to the other settings, the printer name can't be changed after installation.

Logging

OLCS creates a log file per printer per day. The number of log messages can be set by choosing the log level. Available log levels are:

- **DEBUG**: Logs all messages and is intended to be used only for bug research. It is not recommended to have the log level set to DEBUG for a long periods, as this will have an impact on the driver's processing speed. This mode will include INFO, WARN and ERROR messages too.
- **INFO**: Logs initialization messages. Administrators may choose this level for an initial installation to supervise the operation of the driver. This mode will include WARN and ERROR messages too.
- **WARN**: This is the default level and should be used for production use. In this mode log files may be empty: this is by design and indicates, that the printer and the driver work as expected. This mode will include ERROR messages too.
- **ERROR**: For users familiar to **OLCS**, this log level reduces the overhead to a minimum. It is intended for machines where **OLCS** has been working error free for several weeks.

When done click **Next** to continue.

Communication Settings

The next screen contains communication settings.

In order to deliver jobs to **Workflow**, an **HTTP Action name for print job submission** needs to be setup.

If **OLCS** is licensed and/or interactive mode is enabled (or required), then an **HTTP Action name for subsequent interaction** is required.

The names of these HTTP action can be changed, but they must match the relevant **Workflow** settings.

When done click **Next** to continue.

Finishing the installation

At this point Setup has collected the required information to install the printer driver and create it. The next screen will ask you to continue by clicking the **Install** button.

A progress bar is shown, while the installation process is running.

After a successful installation, the **Finish** dialog is shown. Click **Finish**.

Your **OLCS** printer driver is now installed:

Note

Once a printer driver is installed, a SysTray application is also installed. It displays information relating to the preparation and transfer of each print job.

Modifying an Existing Installation

To install an additional printer, modify a printer or delete a printer, run the installer again.

The installer will detect that it's not being used for the first time and will present a different screen.

Clicking the **Next** button will bring you to the selection page where you can decide to:

- Install a new printer.
- Modify the settings of an existing printer.
- Delete one or all existing printers.

Adding a New Printer

Allows you to create a new OLCS printer. The wizard pages are the same as for a new installation. Each printer can have its own settings.

Modifying the Printer Settings

Depending on the number of printers already installed, you will either see the Wizard window or a dialog box from which you must select the printer you wish to modify.

The wizard pages are the same again, so you can modify any of the values (e.g. if the host name has changed), except for the printer name which is grayed out and locked.

Removing the Printer Driver

Depending on the number of OLCS printers installed, you will either get a selection box to identify which printer to remove, or you can just delete the only one.

Shared Printers

The **OLCS Printer Driver** is not a shareable driver. This is because the browser interaction cannot be routed through the print server to the end user's desktop. Also a shared printer would transfer the print server's machine name, user name, domain etc.., thus invalidating the intended behavior.

So, **OLCS Printer Driver** must be installed on each dedicated machine.

Managing multiple OLCS printers

Newer versions of Windows automatically group all printers that use the same driver under one single entry in the "Devices and Printers" dialog of the control panel. This means that if multiple printers have been set up with **OLCS**, only the first one will show up in this page.

Many, many forum entries worldwide complain about this "feature" reporting "invisible printers". Microsoft has documented this behavior here: https://support.microsoft.com/en-us/kb/2015694.

Each printer can be managed individually however, by using the context menu of the printer and selecting the relevant context: