

CPS Click2Map Installation Manual

Version: 5.5



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1. Requirements for CPS - Click 2 Map on Windows

- Operating Systems, where *CPS Click2Map* can be installed:
 - Microsoft Windows Server 2008 R2 (64 Bit) or Windows 2012 Server (64 Bit)
 - 2008 R2: DotNet 3.5.1 (will automatically be installed if not already present. Make sure that the Sources for DotNet 3.5 are not stripped out from you server installation sources)
 - Windows 7 64 Bit
- Min. 20 GB free hard disk space
- The 3 Installation packages
- Console or Remote Access (RDP) to the Server
- An Account with local administrator rights on this Server (for the installation)
- A domain user account with admin rights on:
 - The computer, where CPS is installed
 - All target print servers, where queues should be managed
 - If peer2peer queues are to be managed: All workstations
- Aprox 5 Minutes Time
- If IIS is already installed, you need to know the base folder (default is C:\inetpub\)
 - (If IIS is not installed, Setup will automatically install and configure it)
- **IMPORTANT: *CPS Click2Map* cannot be installed on a printserver!**

2. The installation packages

The installation zip file contains 3 folders with the 3 installation packages.

Name

- 1 - MySQL Server for PSM and CPS
- 2 - PHP for PSM and CPS
- 3 - CPS Click2Map Version 5.5



3. MySQL Installation

Note: By installing MySQL, you agree to the GNU General Public License at

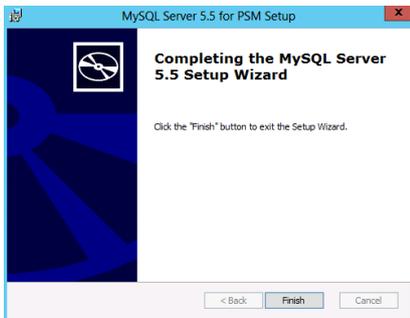
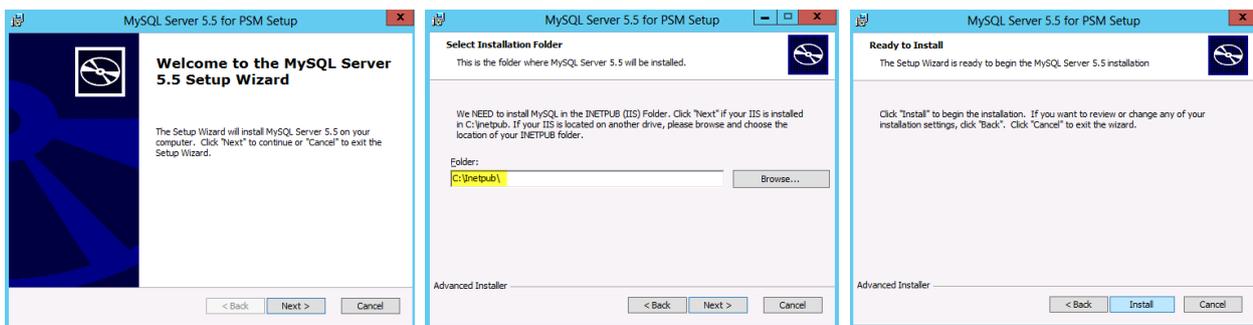
<http://dev.mysql.com/doc/refman/5.0/es/gpl-license.html>



Assuming that you are logged in with full administration rights on the server, right-click the "mysql for psm.exe" and select "Run as administrator".



Choose the Folder where IIS installed. If you did not install IIS yet, leave the default value of "C:\inetpub\"



The MySQL programs will be installed. There will be a self-closing popup just before setup finishes. This is, when the installer sets up the correct values for the database, and installs the MySQL Service.

The MySQL Service will automatically be started.

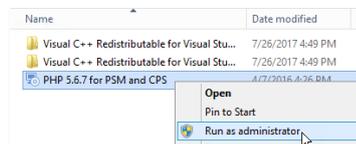


4. PHP Installation

Note: By installing PHP, you agree to the PHP Licensing terms described at http://www.php.net/license/3_01.txt

PHP programs are written in the PHP programming language. Because of that, we need to have PHP installed as well.

Open the "2 - PHP for PSM" Folder.



Right-Click the "php 5.6.7 for PSM.exe" setup program and select "Run as Administrator".

You will need to accept the PHP license agreement, and click next on all setup steps. The PHP installer will also setup the Microsoft IIS sever automatically.

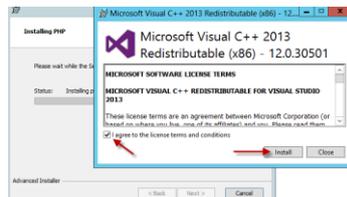
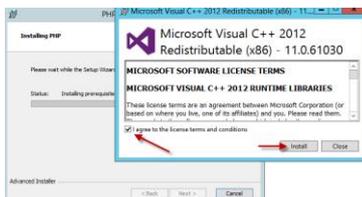
Please note that there are also 2 prerequisite packages from Microsoft contained in the installer.

"Visual C++ Redistributable for Visual Studio 2012"

"Visual C++ Redistributable for Visual Studio 2013"

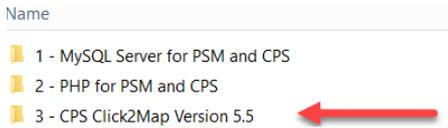
If these 2 packages are not already installed on the server, you will be asked to install them during the PHP setup.

Hint: Sometimes the Microsoft Visual C++ installation GUI is displayed behind the PHP installer, so you don't see it. Check the task bar or move the PHP installer GUI to see the Microsoft installer GUI.



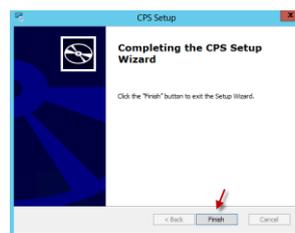
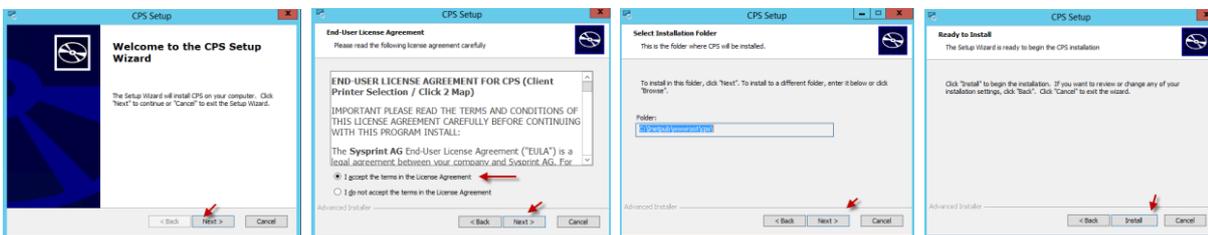
5. CPS Click2Map Installation

Open the "3 - CPS Click2Map" Folder.



Right-click the "CPS Click2Map Version 5.5.exe" and select "Run as Administrator."

Click "next" on all pages and accept the license agreement. Click "finish" and login using the default CPS Click2Map credentials.

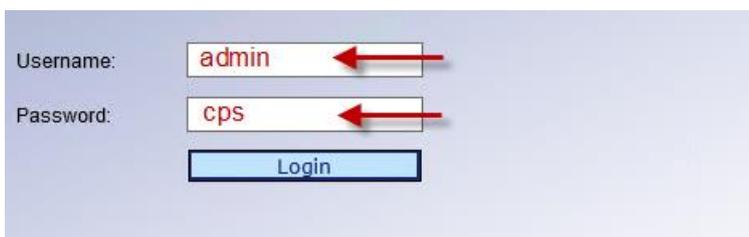


Once the installer finishes, it will start the Internet Explorer on the server, and directly opens <http://localhost/cps/admin>

Note: If the PSM login GUI does not appear, or takes very long to appear it might be because of the internet explorer settings. Disable the proxy and automatic search for proxy settings in the internet explorer configuration options.

You should be able to login from any pc by entering the url <http://yourservername/cps/admin>

If you get an error message, please refer to the troubleshooting procedure in section 9, after completing section 6 and 7.



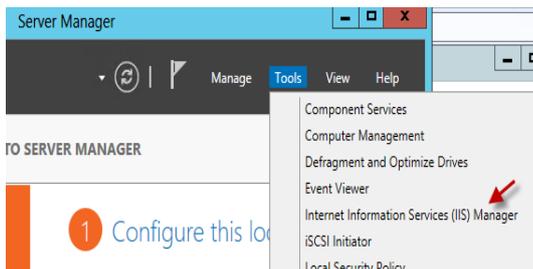
Default userid: admin - Default password: cps



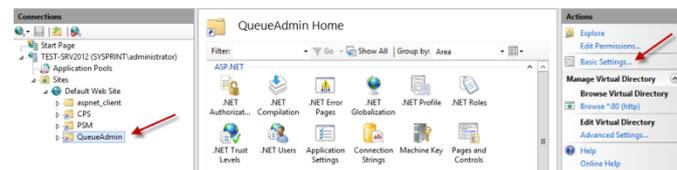
6. IIS Customization

To enable *CPS Click2Map* to push print queue configuration files out to the print servers (and workstations, if you are using peer2peer mode) both, the *CPS Click2Map* programs itself and the IIS virtual directory "queueadmin" must use a domain service account.

For IIS, this account must have local admin right on the computer where *CPS Click2Map* is installed. To setup the credentials, please open the Internet Information Services Manager. (In Windows 7 and 2008 Server, it is located under "Administrative Tools").



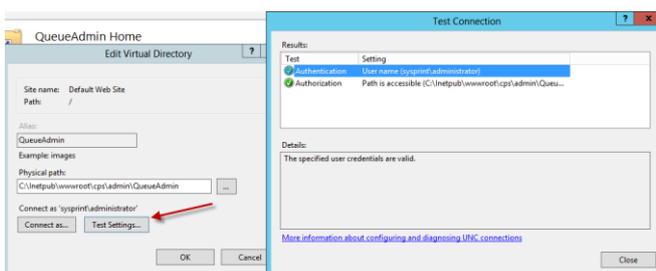
Navigate to the "QueueAdmin" virtual directory and click on "Basic Settings"



Click on "Connect as..". Then click in "Set..". Enter the credentials of the service account.



Test the credentials using the "Test Settings" Button. When the settings are verified, click "OK".



This ends the basic installation. The credentials for the program can be set over the Web-GUI. The procedure is described in the Queue Administration Manual.



7. Installation check

In order to make sure, that *CPS Click2Map* is working correctly, you should first verify, if you can login to psm (Default userid: admin - default password: cps).

Then you should check if both required services are running. Open Services.msc on the server and check the following 2 services:

MySQL Database Service:



CPS Scheduler Service:



8. Uninstall

If you uninstall *CPS Click2Map*, make sure you made a backup over the *CPS Click2Map* Web-GUI before. (if there is any data). You can uninstall *CPS Click2Map* over "add / remove programs".

Make sure, that you uninstall in the following sequence:

- CPS
- PHP
- MySQL



9. Troubleshooting

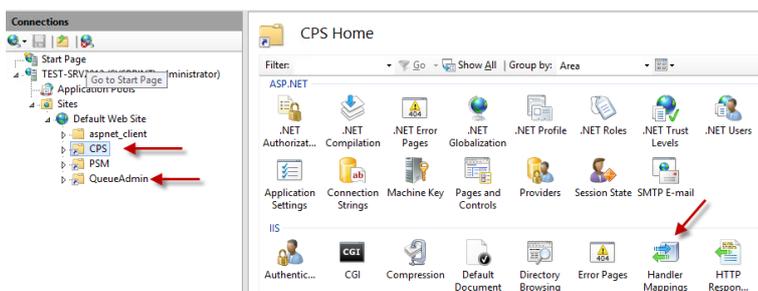
PHP / MySQL

If any other PHP and / or MySQL packages were already installed before, you will need to remove them before installing the ones here. The PHP and MySQL packages included with *CPS Click2Map* are customized. You will have to use them, otherwise *CPS Click2Map* will not work.

Setup the correct Handler Mapping settings and order

IIS sometimes behaves strange when it comes to use the correct handler mapping order. If you only see a 403 or 404 error when you connect to *CPS Click2Map*, this might be the result of an incorrect handler mapping. To get this correct, it is important, that you are following the steps below.

Click on the virtual site "CPS" in the IIS Management console. , double click on the "Handler Mappings" Icon in the middle window. (The same must be repeated for the "QueueAdmin" virtual directory, too.

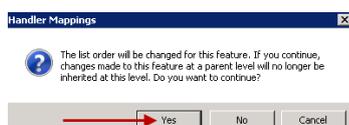


Choose "View Ordered List" on the right side window.



Use the "Move Up" / "Move Down" Icons and make sure that "PHP_via_FastCGI" is the first entry in the list, and that "StaticFile" is the last entry in the List.

Very Important: Move at least one Entry up or down, even if the list is already correct !!



By moving at least one entry, we cause that the order will no longer be inherited from the parent. This is exactly what we want !

