

- when it has to be **right**



Leica Geosystems Release Notes

Client License Manager – CLM 1.4.1002

February 2015

Leica Geosystems AG



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2 About these Release Notes

Leica CLM – The Leica Client License Manager is a set of tools enabling Leica Geosystems to protect its intellectual property built into its software products.

CLM enables product management to build and utilize flexible software monetization concepts and business models specifically suitable for their markets, all hold together by set of comprehensive licensing policies and tools ensuring consistent usage models across all Leica product lines.

3 What's new in Version 1.4.1002.12 released in February 2015

OVERVIEW

Leica CLM 1.4.1002.12 **replaces** 1.4.1002.10 and comes with 2 important defect fixes for the **CLM Full Package** installer.

In order to have consistent versions of the CLM components in use we recommend replacing all components of 1.4.1002.10 in order to use the CLM Full Package and SDK in version 1.4.1002.12.

LICENSE SERVER PORT

In certain **upgrade** scenarios it happens that an old networking configuration (license server port) is still active after the installation of the CLM Full package. Instead of using port 27008 the license server still uses the deprecated port 27000.

This issue is automatically resolved by installing CLM Full Package 1.4.1002.12.

The same issue appeared when using the **silent installation** mode of the CLM Full Package

4 What's new in Version 1.4.1002.10 released in January 2015

OVERVIEW

Leica CLM 1.4.1002 is a service pack update to all previous versions of Leica CLM which includes further improvements and new functionalities.

This section describes the changes done since the release of Leica CLM 1.4.1000.

Overview of highlights:

- Improved interoperability with other FlexEnabled software like AutoCAD, Adobe, ArgGIS ...
- Streamlined deployment tools
- Infrastructure and support improvements
- Stability improvements and defect fixes

For more detailed information about these improvements, please refer to the following sections and the updated Leica Geosystems Software Licensing and Installation Guide.

OBTAINING THE NEW SOFTWARE VERSION

The new Leica CLM version 1.4.1002 installer package and documentation can be obtained from the myWorld web site.

SUPPORTED OPERATING SYSTEMS

The following Microsoft® Windows™ operating systems are supported and recommended:

Operating System	Minimum Service Pack
Windows 8, 8.1	-
Windows 7	SP1
Windows Server 2012 R2	-
Windows Server 2012	-
Windows Server 2008 R2	-

FNP VERSION

Leica CLM 1.4.1002 is based on Flexera Publisher version **11.12.1.0**. This has not changed since 1.4.1000

4.1 General changes and improvements

FULL PACKAGE

From Leica CLM 1.4.1002 onwards there will only be one installer package provided to all 3rd parties.

The **CLM Full Package** contains all required licensing components for floating as well as node locked environments. This package supports upgrades from all previous CLM versions as well as fresh installations. The package supports both 32bit and 64bit operating systems.

The CLM Full Package is fully self-contained and comes with the VS2013 redistributables as well as the .net framework 4.5.1 packaged inside.

Up until Leica CLM 1.4.1000 small installer packages were provided to 3rd parties to integrate single components into their own deployment tools. These packages are NOT delivered with Leica CLM 1.4.1002 anymore to avoid inconsistent deployments at customer machines.



Note: 3rd parties can include this package as a prerequisite to their own deployment packages, or use it as a standalone tool.

When used as a standalone tool it has to be ensured that all services and processes that have a dependency to CLM are manually stopped.



Note: In certain cases the installation of the **.net framework** can require a **reboot**. If you need to avoid these reboots during the installation of your product instruct the customer to install the .net framework 4.5.1 manually in advance.



Note: The full package automatically **stops services and processes** of known client applications. Therefore we recommend a reboot after the installation,

so that all services are started automatically again. If you do not want this reboot ensure on your own, that all required services and processes are started manually again.

4.2 Changes in the SDK

PACKAGING

The Leica CLM Software Development Kit is released as version 1.4.1002. However there are no functional changes compared to version 1.4.1000.

Leica CLM 1.4.1002 does not support the Visual Studio 2005 platform and therefore does not deliver packages for this environment anymore.

4.3 Changes in Tools

NEW NAMING OF TOOLS

The naming of the CLM tools often caused confusion internally as well as on customer side. To avoid this in future we introduced a new naming to clearly indicate the tools responsibilities and functionalities:

Old name	New name
License Administrator	CLM for Nodelocked Licenses
License Administrator Server	CLM for Floating Licenses

NEW COMMAND LINE OPTION

The Activation Wizard component comes with a new command line switch **/DefaultEntitlement** which allows 3rd parties to pre-load Entitlements during customization processes.

CLEAN UP TOOL

Leica CLM 1.4.1002 also comes with a special support tool – the **CLM-cleanup tool**. This tool is meant to help in supporting customer systems, where older versions of CLM cannot cleanly be removed from the system.

The tool is intended to be used by 1st and 2nd level support lines in order to sort out upgrade issues caused by older CLM versions.

4.4 Changes in Infrastructure

FNO

Stability of FNO (FlexNet Operations), the backend license providing server hosted at Leica Geosystems, is now improved resulting in improved availability for activation and return requests.

IMPROVED OFFLINE ACTIVATION

Some small workflow and emailing improvements within the email based offline activation and offline return workflows have been done.
You should not see any tags like #ENTITLEMENT# etc. anymore.

4.5 Various Resolved Issues

SMALLER FIXES AND IMPROVEMENTS

- Various **QueryFeatureInfo** problems are resolved now
 - Setting **Firewall** rules during install now works more stable
 - Various **upgrading** problems from older Leica CLM versions are resolved
 - On a **32bit** machine the installer is not searching for 64bit components anymore during un-install
 - **Splash Screens** now display the right version information
 - Crash when running CLM for Nodelocked Licenses with **unprivileged users** is fixed
 - **Clean-up tool** does not interfere with other FlexEnabled software anymore
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5 Known Issues

STOP ALL CLIENT APPLICATIONS AND COMPONENTS



When installing the **CLM Full Package** it is important that all products that use CLM are shut down beforehand. This is necessary as the CLM Full Package tries to update all shared components as well. This fails if any of the CLM components are still in use by a client application.

Please ensure that all projects are stopped, applications are closed, services are stopped and whatever is necessary to cleanly stop your application.

CONSUMER SPACE ANTI-VIRUS SOFTWARE

Reports from the market indicate that in certain cases the usage of consumer space security tools like **Norton Internet Security** wrongly identify components of Leica CLM as malware or viruses. We are investigating reasons behind this together with Flexera at the moment.

We recommend using industrial grade virus and anti-malware protection systems, as we did not receive any reports of such systems causing issues. Leica Geosystems internally uses Sophos Endpoint Control, which is a system we can recommend.
