Hexagon Metrology/Wilcox license server setup instructions

Prerequisites:

• Download and unzip the file "License Server Install Files.7z".

1. Install the CLM tools

The license activation software is needed to download and activate the software license on the license server. To install the software, run the CLM tools installer (CLM1.3_Release_1.3.87.0_x86.exe) included in the archive.

To verify that the license service is installed correctly, open the Services control panel application and verify that a new system service called "FLEXnet Licensing Service" has been installed. This service acts as an interface between software and FLEXnet Trusted Storage.

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Services (Local)					
FLEXnet Licensing Service	Name	Description	Status	Startup Type	*
Stop the service Restart the service	C Encrypting File System (EFS) Extensible Authentication Protocol Fax	Provides th The Extensi Enables you		Manual Manual Manual	
Description: This service performs licensing functions on behalf of ELEXnet	FLEXnet Licensing Service Function Discovery Provider Host Function Discovery Resource Pu	This service The FDPHO Publishes th	Started Started Started	Manual Manual Automatic	Ξ

2. Activate the license

Click on the Start Button, and navigate to the CLM 1.3 Release program group, and run "CLM 1.3 Server Admin".

This application allows you to view the licenses that are currently installed in trusted storage, as well as install new licenses using an entitlement number.

🔍 Client License Administrator - Server			
		(
	Welcome to Hexag	gon Metrology Client License Administrator	
View installed licenses			
Activate new licenses Offline license transfer View licences in use		View installed licenses View all installed licenses, check for license updates or return licenses (re-hosting).	
Manage license server		Activate new licenses Activate a new license with an entitlement ID.	
Verify licenses Verify internet connection Options		Offline license transfer Activate and retum licenses offline, when no internet connection is available	
About Close Recent license verification:	R	Verify licenses Verify all installed licenses and automatically check for license updates.	
Output [10/19/2011 12:22 PM] Initialize locally [10/19/2011 12:22 PM] Locases have been [10/19/2011 12:23 PM] System time has been [10/19/2011 12:25 P	verified. n verified.		Copy to clipboard Save to file Clear

Click "View installed licenses" to see any licenses that are installed in Trusted Storage. If this is a brandnew server installation, no licenses will be found.

🔄 Client License Administrator - Server		
	Installed licenses	
View installed licenses	Check all Uncheck all Collapse all Expand all	Views: Entitlements <u>Features</u> <u>Hierarchy</u>
Activate new licenses	<no available="" licenses=""></no>	
Offline license transfer		
View licences in use		
Manage license server		
Verify licenses Verify internet connection Options About Close Recent license verification:		
•		Return licenses Check for updates Save as
Output [10/19/2011 12:22 PM] Initialize locally [10/19/2011 12:22 PM] Ucenses have been [10/19/2011 12:23 PM] System time has bee [10/19/2011 12:26 PM] Query installed licens Query entitlements	verfied. n verfied. es	Copy to clipboard Save to file Clear

To activate the license:

- 1. Click on "Activate new licenses".
- 2. On the screen that appears, enter the entitlement ID that was given to you for your license.

Activate new licences	
Entitlement IDs *:	Enter your entitlement ID for activating licenses on your computer. The entitlement ID is listed on your entitlement certificate, the delivery note or the invoice. Example: "00101-10490-E01CF-0F858-9F367"

3. Click on "Check for activateable licenses".

4. On the screen that follows, information about the license will be shown.

🗟 Client License Administrator - Server							- 0	x
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	Activate new licences - Avai	lable activatable l	icenses					
View installed licenses	Uncheck all Check all							
Activate new licenses	Product name	Product description	License version	Entitlement ID	Expiration date	License type	Copies	Ren
Offline license transfer View licences in use	PCDMIS Interface: All Interfaces	(retrieving) (retrieving)	0 0		Permanent Permanent	Float Float	2 2	
Manage license server	PCDMIS_Maintenance	(retrieving)	0		Permanent	Float	2	
	PCDMIS Interface: Offline	(retrieving)	0		Permanent	Float	2	
Verify licenses								
Verify internet connection								
Options								
About								
Close								
Recent license verification:	•							*
	Back to Activate new licences					Activate	new licer	<u>ises</u>
Output [10/19/2011 3:20 PM] Initialize locally [10/19/2011 3:20 PM] Query installed license	s					^ <u>C</u>	opy to cli	<u>pboard</u>
Query entitlements [10/19/2011 3:20 PM] Check for new license Query activatable licenses	s 					<u>s</u> <u>c</u>	<u>ave to file</u> lear	2
[10/13/2011 3:20 PM] Licenses have been w	emiea.					-		

When you are ready to install the license, click "Activate new licenses" in the bottom righthand corner (not the link in the upper left.)

5. When the operation finishes, click "View installed licenses". Your license should now be displayed.

If you already have an existing Imadmin or Imgrd/Imtool license server installation, skip ahead to section four (4), titled "Installing the WILCOX vendor daemon and license file in Imgrd." Otherwise, continue to the next section to install the Imadmin or Imgrd license server service.

Flexera provides two different license server technologies. The older server is called lmgrd. The newer technology is called lmadmin. You can consult Flexera's documentation for more information about the differences between the two license server technologies.

If you do not already have a license server installation, we recommend that you use the Imadmin server, because it is the newer technology and will be supported by Flexera in the future.

Please choose either Imadmin or Imgrd for your license server, and then use the proper section below to complete the installation.

3. Install the lmgrd server and service

Follow this section if you are going to use Imgrd as your license server. If you will use Imadmin instead, skip to section five (5), titled "Install the Imadmin server and service".

Only follow this step if you do not already have an existing Imadmin or Igmrd/Imtool license server installation. The PDF "LicenseAdministration.pdf" contains more detailed information about installing the license server.

To install the Imgrd server, unzip these three zip files into an empty directory of your choice:

- Imgrd_i86_n3-11.10.0.zip
- Imtools_i86_n3.zip
- lmutil_i86_n3.zip

Also, copy the following 3 files to the same directory where you extracted the above files:

- WILCOX.exe
- wilcox_libFNP.dll
- WilcoxJumpStart.lic

4. Installing the WILCOX vendor daemon and license file in lmgrd

Run Imtools.exe and click on the "Config Services" tab. Follow these steps:

- 1. In the "Service Name" combo box, enter "Hexagon/Wilcox".
- 2. In the "Path to Imgrd.exe file" area, enter the path to Imgrd.exe.
- 3. In the "Path to the license file" area, enter the path to WilcoxJumpStart.lic.
- 4. In the "Path to the debug log file", enter a location and filename of your choice.
- 5. If you would like to use a Windows service, check the "Use Services" checkbox. You may also optionally check the "Start Server at Power Up" checkbox to have the service started automatically at boot.
- 6. Click on the "Start/Stop/Reread" tab. Select the "Hexagon/Wilcox" entry in the list, and click "Start Server".
- To verify that the license in trusted storage is recognized, click on the "Server Status" page. Then, click on "Perform Status Inquiry". You should see text indicating that the WILCOX vendor daemon is running and it will provide a list of features available in the license.

You can skip to section six (6), titled "Install PC-DMIS using the network license server" now.

5. Install the Imadmin server and service

Only follow this step if you do not already have an existing Imadmin or Igmrd/Imtool license server installation. The PDF "LicenseAdministration.pdf" contains more detailed information about installing the license server.

The Imadmin server requires Java. If you do not already have Java installed, please download and install the latest version of the Java runtime from <u>www.java.com</u>.

Next, install the Imadmin server. Run the installer named Imadmin-i86_n3-11_10_0_2.exe. Note that if you want to install to the default path (Program Files), you must run this as administrator.

- When you reach the "Important Information" page, check the box to install the Visual C++ 2005 SP1 redistributable package, if it is not already installed.
- When you reach the "Service Configuration" page, change the service name from "Imadmin" to "FLEXnet License Server" to make the service name more descriptive. Also, check the "Run As Service" checkbox so that the service is started automatically when Windows starts.
- On the "Start The Server" page, check the "Start server now" checkbox. A web browser will
 open and try to open the page http:/localhost:8080. If this page does not open, you may need
 to install and start the service manually. If you cannot find a new service called "FLEXnet License
 Server" in your list of services, follow these steps:
 - 1. Open a command prompt As Administrator
 - 2. Change to the directory where Imadmin.exe resides. This will be the folder that you chose during the install.
 - 3. Enter the following command to register the service:

```
lmadmin.exe -installService "FLEXnet License Server"
```

4. Open the Services control panel application and find the "FLEXnet License Server" service. Start the service.

Once the service is running, open a web browser and open the following URL: <u>http://localhost:8080</u>. You should see a FLEXnet page, with "Help" and "Sign Out" in the upper right-hand corner. If you can access this page, you are ready to install the WILCOX vendor daemon and license file.

6. Installing the WILCOX vendor daemon in Imadmin

Copy the following files to the same directory as the Imadmin.exe executable:

- WILCOX.exe
- wilcox_libFNP.dll

Log in to the Imadmin administration console. Click on the "Administration" link in the upper right-hand corner. For a new Imadmin install, you will be prompted for a username and password. Use the username "admin" and a password of "admin". You will then be prompted to choose a new password for the admin user. Choose a new password and continue.

- 1. Click on the "Vendor Daemon Configuration" tab on the bottom left-hand corner of the page.
- 2. On the "Vendor Daemons" page that appears, click the "Import License" button.

- 3. On the "Import License File" page, click the "Browse..." button.
- 4. Browse to the location of WilcoxJumpStart.lic and select this file to be imported.
- 5. Click the "Import License" button.
- 6. You should see two messages:
 - Successfully uploaded license file to licenses\WILCOX\WilcoxJumpStart.lic.
 - Configured new vendor daemon, WILCOX.
- 7. Click on the OK button.

At this point you should see a vendor daemon named WILCOX in your list of vendor daemons:

- 1. Click on the Dashboard link in the upper right-hand corner.
- 2. Select "WILCOX" in the combo box , then click the "Select" button.
- 3. Click on the "Concurrent" button in the "Licenses" section. You should see a list of features in your license and the number of seats available and in use.

7. Install PC-DMIS using the network license server

To install PC-DMIS 2013 or later using the network license server:

- When the PC-DMIS install starts, click the button above the "Software (LMS) License" text.
- On the next screen, click the "Use License Server(s)" radio button. Enter the name(s) of the network server(s), using the "@" symbox prefix, and separated by the semicolon (;) character.
 For example: "@server1;@server2;@server3"
- Follow the rest of the prompts to complete the install.