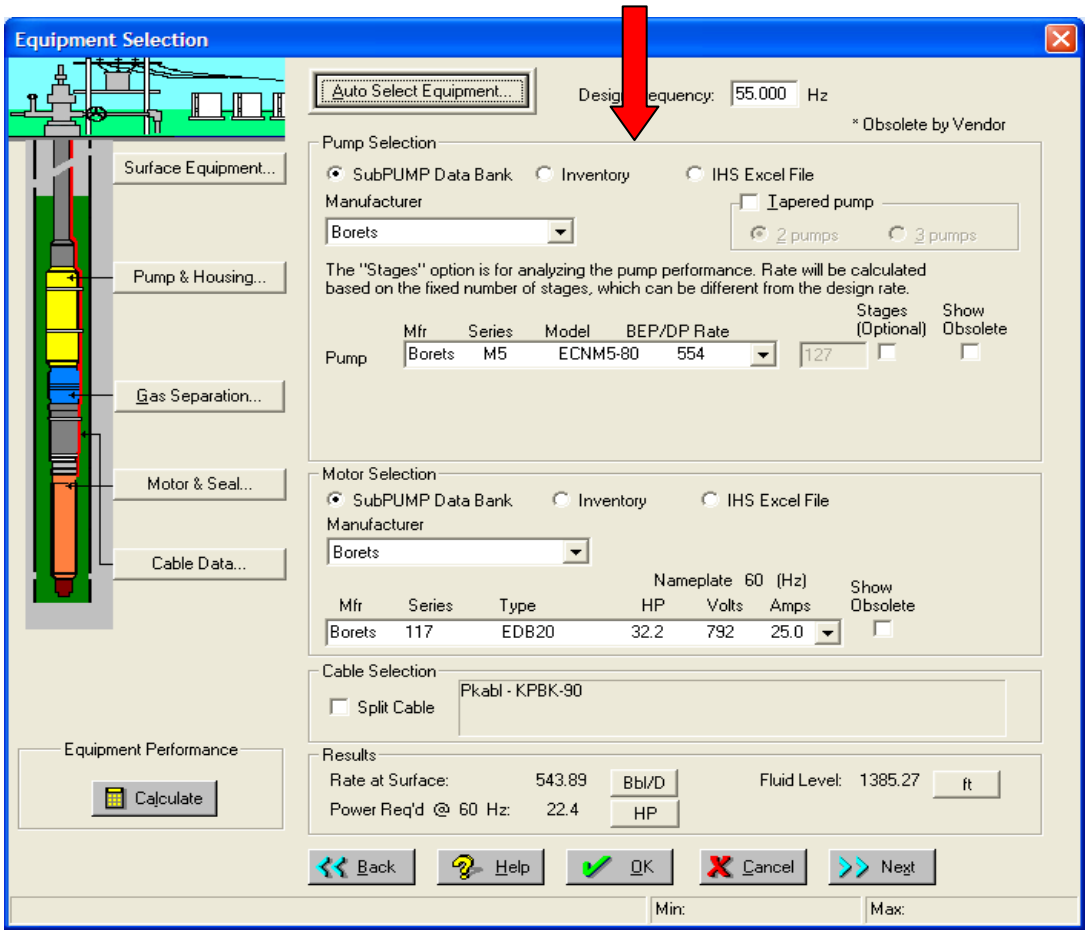
What's new in SubPUMP 9.60!

1. One Click Equipment data import:

Users will be able to import Pump and Motor data utilizing updated Microsoft Excel equipment import template. This provides the ability to import virtually **any vendor's** equipment data into SubPUMP. The updated Microsoft Excel equipment import template is available in Russian and Spanish. A Microsoft Excel data import option has been moved to the Equipment Selection dialog box to improve user experience. The picture below shows the location of the equipment data source selection for SubPUMP.

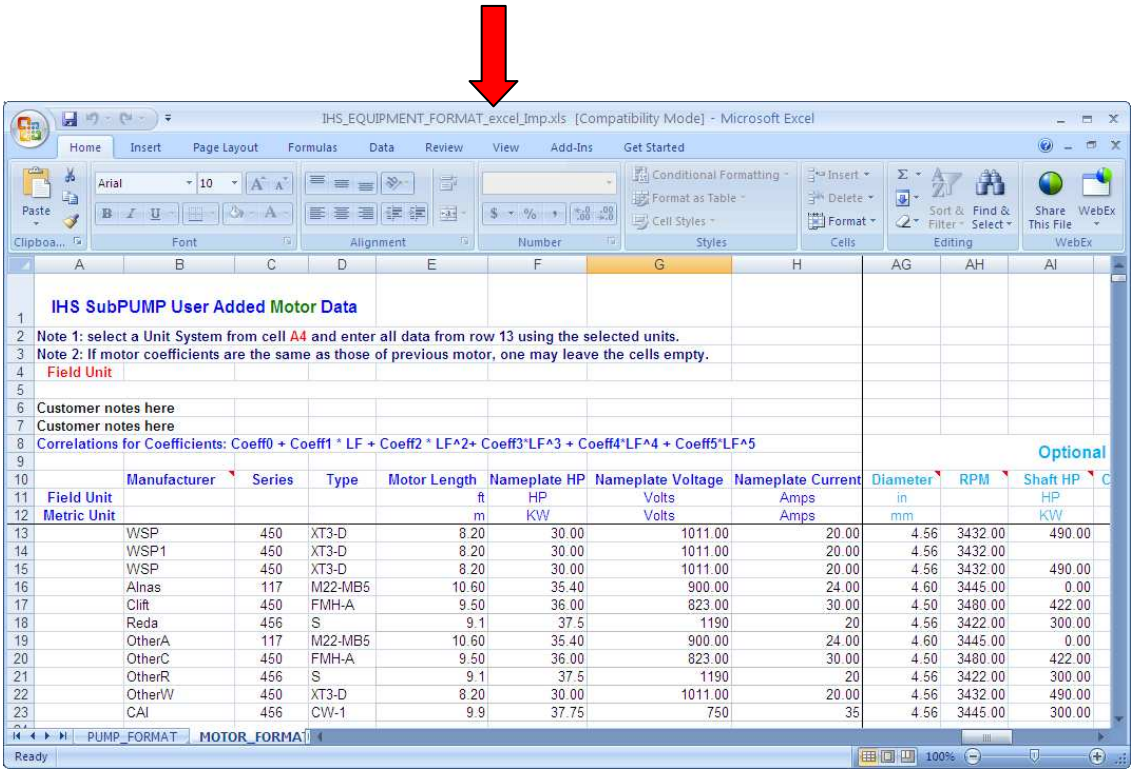


Advantages:

- Utilize a single Microsoft Excel file to import Pump and Motor data. No longer need to maintain separate files for each type of equipment.
- Microsoft Excel Import process is compatible with the previous Microsoft Excel equipment formatted files. Importing data from inventory files has not changed.
- Offer this import template file to the vendors to fill up with new equipment information to directly include in SubPUMP.
- Import virtually any vendor's equipment information (existing or new) into SubPUMP.
- Available both in U.S. oilfield and metric unit systems.
- This template file available in Russian and Spanish language.

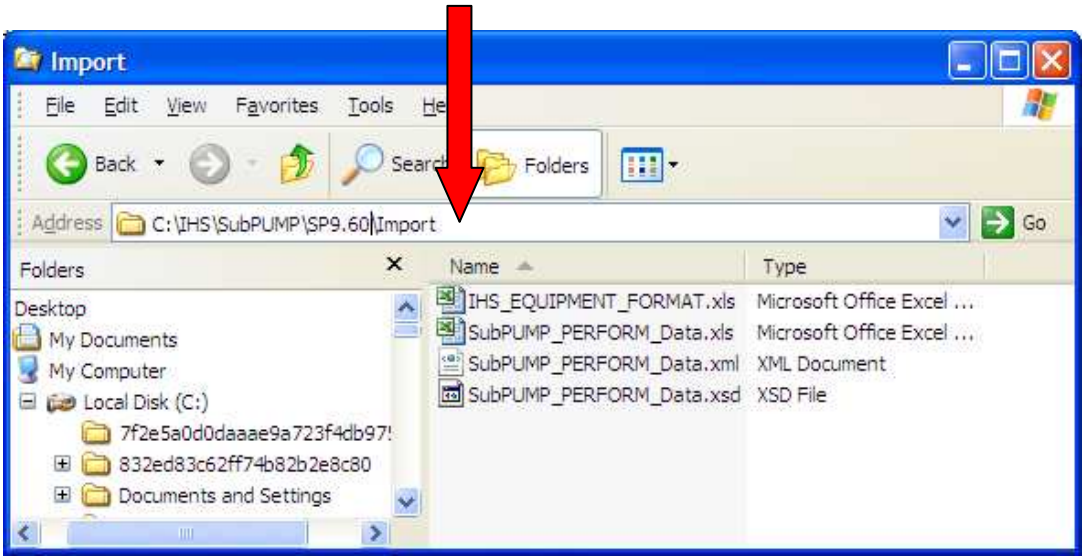
The new import template file can be found in the **'Import'** directory after installation of SubPUMP. We plan to expand the **IHS_Equipment_Format.xls** in the future to include additional equipment data such as cable, gas separator and surface equipments.

A sample Microsoft Excel equipment import file:

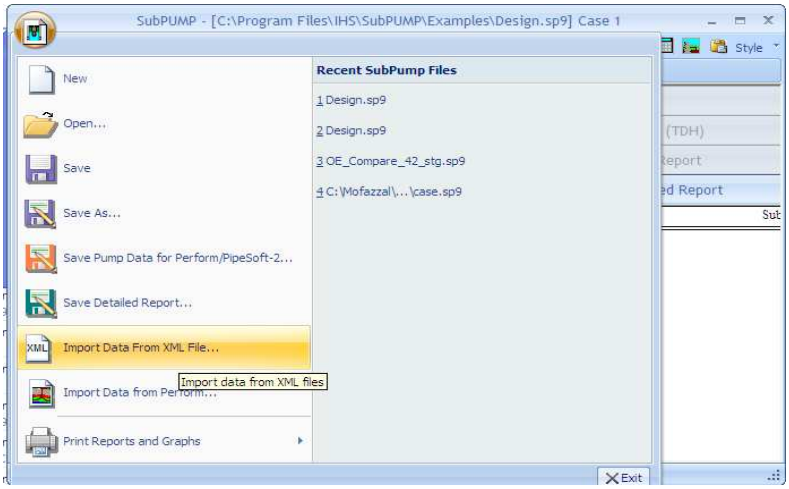


2. Bring in Directional Survey data automatically:

Use enhanced data connection tool to import directional survey data for the deviated/slanted wellbore to verify your ESP design. SubPUMP users can use Xml schema file (*SubPUMP_PERFORM_Data.xsd*) and Xml data file (*SubPUMP_PERFORM_Data.xml*) to connect it with the proprietary data source or even with other surveillance and monitoring tools. Picture below shows the default location of these XML files.



SubPUMP v 9.60 XML connectivity option is limited to base case, data input into the application and single cable data only.

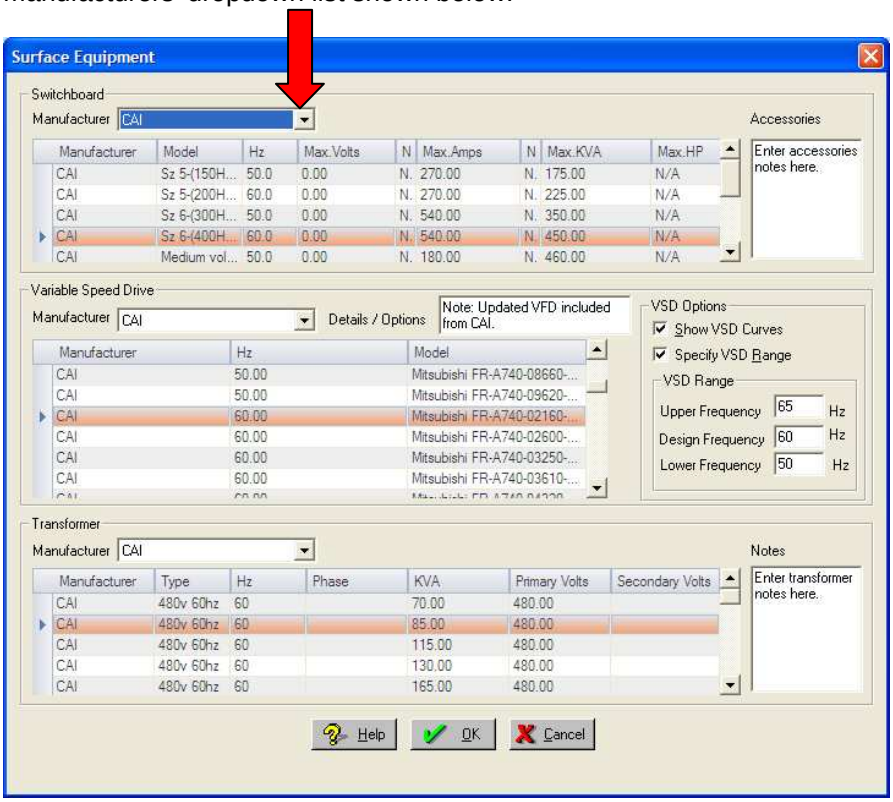


Users can ease integration of SubPUMP with enternal data by using command line arguments to accelerate the data entry process. By integrating SubPUMP with your production or well databases, you can spend more time on Analysis and **LESS** time on data entry. There are two ways to do this:

1. For Xml file type: Use the command line argument SubPUMP.exe together with *SubPUMP_PERFORM_Data.xml*, to launch SubPUMP and populate the input data from xml file into the application.
2. For Xml file with specific SubPUMP case file type: Use the command line arguments, SubPump.exe *SubPUMP_PERFORM_Data.xml* Design.sp9; SubPUMP will launch, open input case Design.sp9, and populate xml data into the application.

3. Updated Surface equipment data:

New VSD, Transformer, and Switchboard data from Canadian Advanced Inc. is now available in the Surface equipment section. You can also bring in any equipment data by selecting 'Others' in the manufacturers' dropdown list shown below:



4. Other important enhancements:

- **Customize contact information for application support –** Company application management/IT department will be able to customize support e-mail, phone numbers, so that internal support team can respond to a user needs first before contacting IHS.
- **FBHP and PIP values now reported in the Equipment dialog** –Calculated numbers are now reported in the equipment dialog to help engineers monitor the changes after equipment selection.
- **Ability to change units for directional survey -** Users will be able to change units of TVD and MD after importing directional survey data for the deviated wellbore.
- **Hz adjustments for selected Gas separator –** Gas separator efficiency from CAI been adjusted to reflect the Hz change during ESP operation.

INSTALLATION OF IHS SOFTWARE

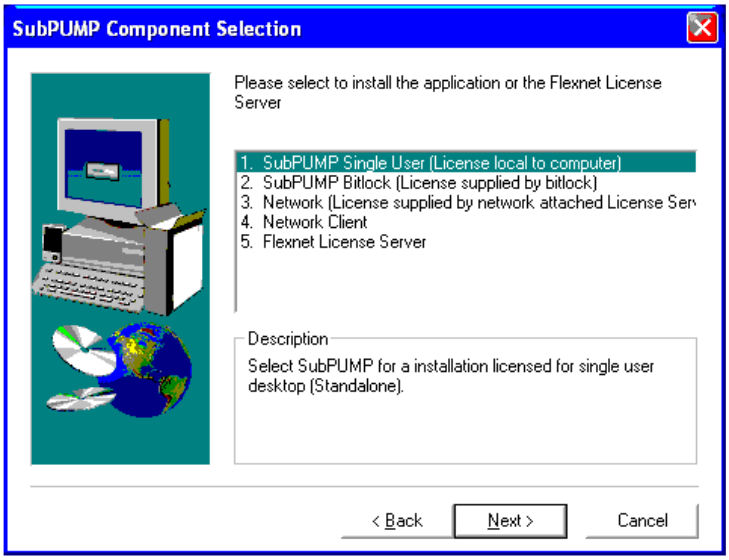
INSTALLATION IS SPECIFIC TO LICENSE TYPE
KNOW YOUR LICENSE TYPE BEFORE INSTALLING

APPLICATION INSTALLATION

Insert the CD-ROM. The Setup program should start automatically. If it does not, type **D**:/**Setup.exe** from the Run dialog box in Windows and replace "**D**" with the drive letter of your CD-ROM drive.
For **FTP** users, after you have downloaded and unzipped the "CD Image", please launch **"Setup.exe"** from folder where the CD image was created.

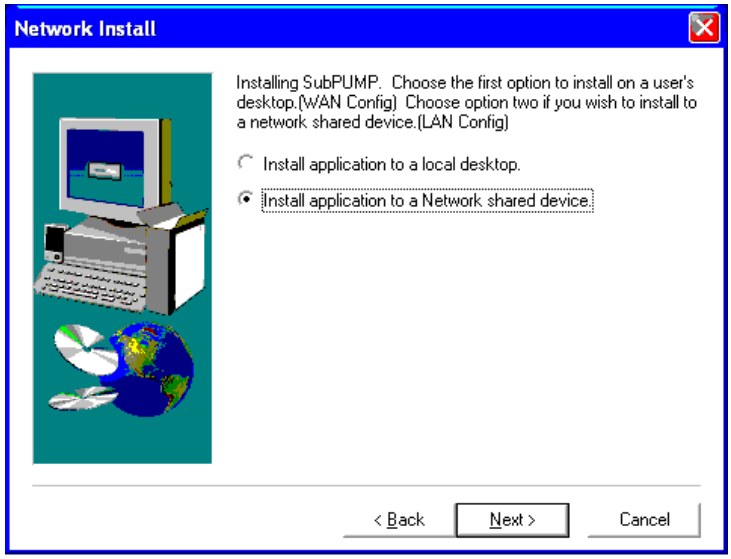
The Setup program prompts you through the installation process.

You must select one of the following installation options based on the type of license you will have:



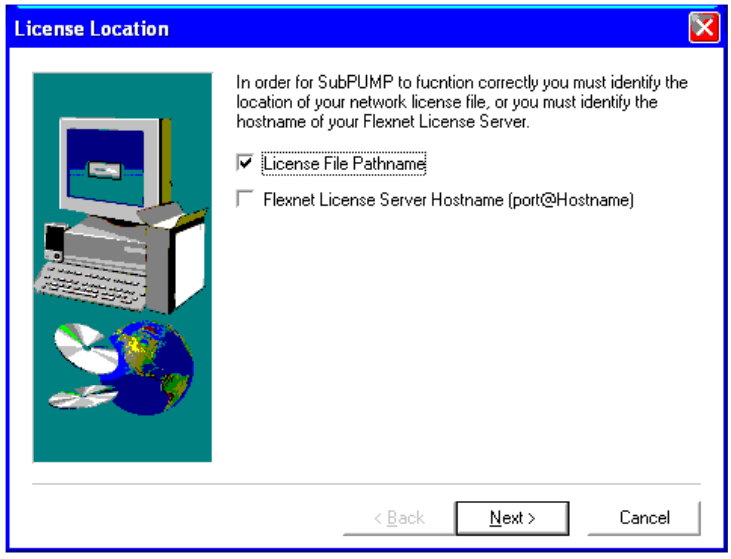
- Select (1) if you have acquired a single user license intended for a user on a specific computer.
- Select (2) if you have acquired a USB bitlock controlled license. (A single user license which has the advantage of portability between different computer systems.)
- Select (3) if you plan to share a license with multiple users in a network environment. The application has the advantage of being installed locally on a desktop PC or installed on a network shared disk device. You must be connected to your company's network in order to use the application.
- Select (4) if you share a license with multiple users, the application has already been installed on a network share, and you wish to access the application.
- Select (5) to install the Network License Server application and tools. Once installed and launched the license server will manage user access to the application. The License Server software and tools are provided by **Acresso Software.**

For “network users” a decision must be made as to where the application executables will be installed:



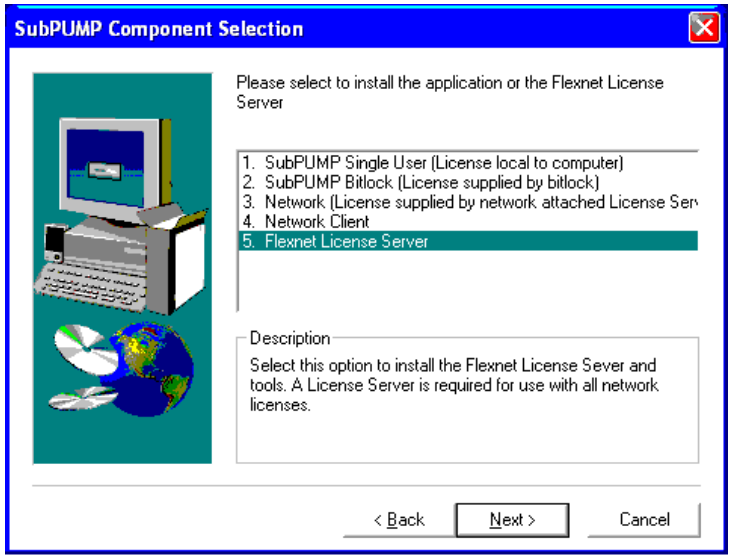
- Choose the first selection if you wish the application executables to be installed on the local desktop. This would be the typical option selected by WAN users.
- Choose the second option if you wish to install the application on a network share. This will minimize desktop administration, and would be the typical selection to support LAN users. (Network Client installation required on user desktop.)

“Network users” must also identify a location where the license file can be found:



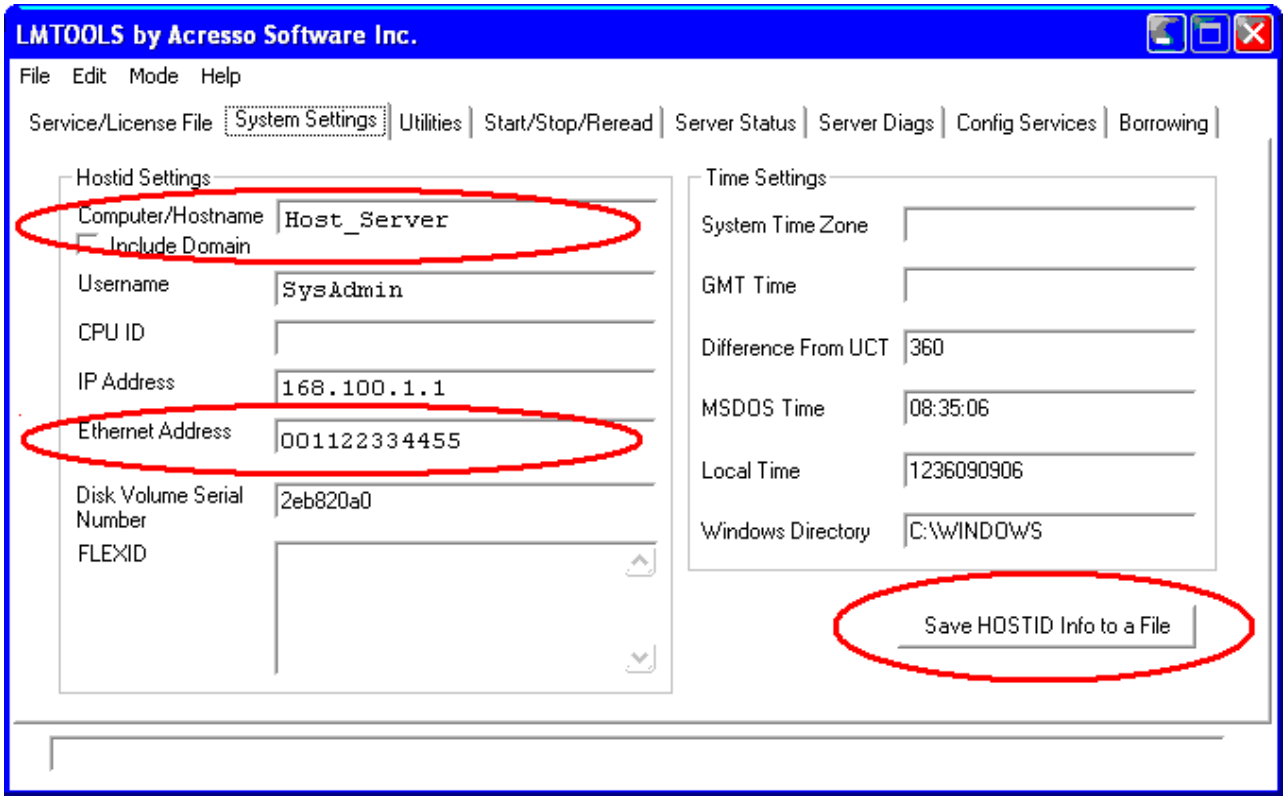
- Select “License File Pathname” if you wish to specify an accessible pathname which the application can access.
- Select “Flexnet License Server Hostname” if you wish to identify the specific license server host controlling your application license. This parameter should be specified in the format, “port@hostname”.

“Network License users” must also install the “Flexnet License Server”:



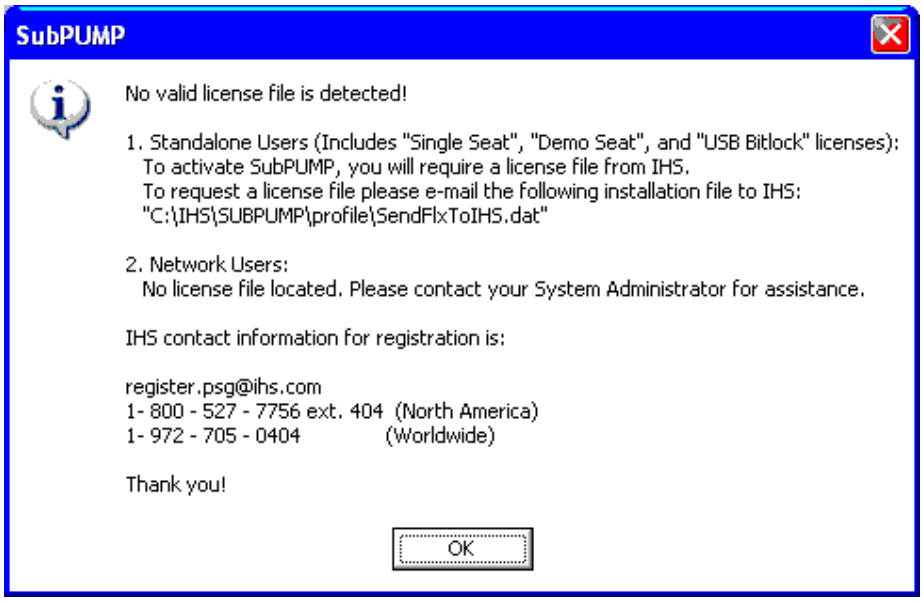
- The Flexnet License server is version 11.6.
- The application Daemon is “IHS.exe” and is included in the Flexnet installation.
- The installation process will create a batch file in the folder where the license server is installed, “StartFlex.bat”, which is based on the information provided by the user during installation, and can be used to launch the license server once installation is complete, and a valid license has been acquired from IHS.
- To properly identify the host server/computer which will provide license services to the network, please make sure a local copy of “LMTools.exe” is available. LMTools.exe can be found in the directory where the Flexnet License Server, “option 5”, was installed.

- Launch “LMTools.exe” and select the “System Settings” tab. IHS will need the “Hostname” and “Ethernet Address”. This data can be copied to a file by using the “Save HOSTID Info to a File” button.



For additional information about the installation and setup of Flexnet license servers, as well as activity logging and debugging, please see “LicenseAdministration Guide.pdf”, which accompanies the license server installation.

Upon installation conclusion, the installer will be prompted to acquire a license from IHS for this software application:



Please contact IHS with your installation information or if you need additional assistance:

E-mail : register.psg@ihs.com

Telephone: 1-800-527-7756 ext. 404 (U.S. and Canada only)

Telephone: 1-972-705-0404

Fax: 1-972-783-0058

Note: You must unregister any previously registered version of the program and obtain the unregistration information which must accompany the new registration request.