

ENSOFT, INC.



**ENSOFT SOFTWARE
INSTALLATION NOTES
FOR NETWORK LICENSES**



ENSOFT SOFTWARE INSTALLATION NOTES

We appreciate your purchase of our software products. ENSOFT, INC. has been producing commercial engineering software since 1985. Our decades of experience allow us to provide unmatched quality on our products. Your investment is backed by expert engineers in deep foundations and numerical modeling, providing excellent service and technical support.

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Package Contents

The following items are shipped with our products:

1. **USB Memory Stick** – silver (or white) flip casing and black



memory stick containing installation programs for all Ensoft software products. The USB Memory Stick also contains software manuals that are currently distributed in electronic form using protected files (Technical Manual) and open PDF files (User's Manual).

2. **Net USB Key** – black colored USB-based hardware security

key (dongle), with a plastic tag indicating its unique serial number, licensed site (office name and location) and name of licensed software. Each

Net USB Key is

programmed with the appropriate software product(s).

The Net USB Key can be installed on any computer

within the company's network or on an existing license server.



General Notes

The SOFTWARE (used as a general name for the purchased software product) is distributed with an associated Net USB Key (hardware key or dongle). The Net USB Key consists of a device that is attached to an USB port (or USB hub) in a computer that will act as a license server for the SOFTWARE. This method of software protection has been found to provide compatibility with existing operating systems, better stability than other alternatives,

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and allows users to obtain software updates or renewals via downloads directly from the Ensoft website.

Installation on License Manager/Server

Any computer within the user's network can be designated as "License Server" with the placement of the Net USB Key and installation of the **Ensoft Utilities** or SOFTWARE as **License Manager/Server**. The **License Manager** must be running and connected to the network in order to authorize clients to run the licensed SOFTWARE.

In most standard deployments, the **License Manager** only runs the network utilities and services that are required for management of the SOFTWARE licensing. It is not necessary to install the SOFTWARE on the **License Manager**.

The following guidelines are recommended to be followed to install **Ensoft Utilities** on a **License Manager/Server**.

1. Plug the supplied Net USB Key (hardware key or dongle – black colored) into one of the available USB ports (or on USB hub) in the designated **License Manager**. The Net USB Key is plug-and-play compatible so the operating system will recognize it automatically and a small solid green light should be visible at the end of the Net USB Key (a flickering green light or no light indicate problems with the standard windows driver or with the Net USB Key).
2. Plug the supplied USB Memory Stick (black colored with silver or white flip casing) into one of the available USB ports (or on USB hub) in the desired **License Manager**. The USB Memory Stick is also plug-and-play compatible so the operating system will recognize the device contents after a brief lapse while assigning the proper device driver.
3. If Windows Explorer is not coming up automatically to display the file contents on the USB Memory Stick, click on the

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Windows Start Menu button and select Run (or simply click on the Start Icon). On the command line, type *d:\Network Utilities\ensoft-utilities5.exe* or *e:\Network Utilities*, where *d:* or *e:* represents the drive that contains the USB Memory Stick. Click OK to execute the command and start the main installation program.

Alternatively, the user may download the **Ensoft Utilities** via links in our website or using any of the following:

<https://www.ensoftinc.com/download?product=utilities&showall=true>

<https://www.ensoftinc.com/updates/ensoft-utilities51.exe>

When running, a screen similar to the one in Figure 1 should appear so click **Next** button.

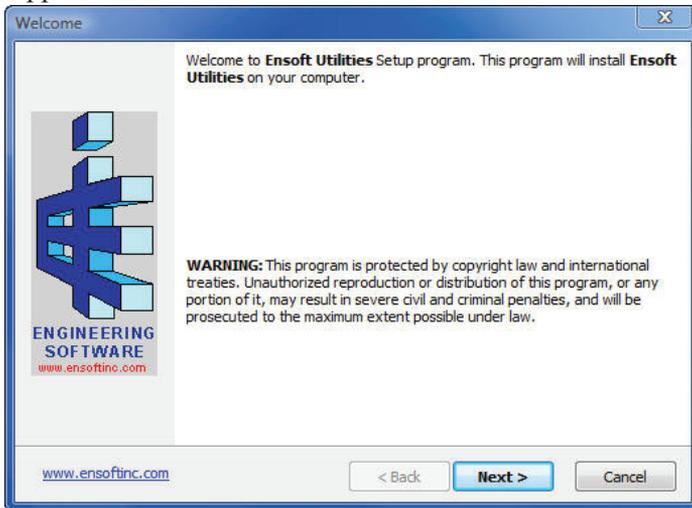


Figure 1 First installation screen for Ensoft Utilities

4. The user should read the **License Agreement** shown in Figure 2. Please click **Yes** if you agree and would like to proceed with the **Next** button.
5. Select **Network License** in Figure 3 then click **Next**. For **Type of Network Installation** (Figure 4) the user should select **LICENSE SERVER** and click **Next**.
6. The user will be provided with an option to select a drive

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Figure 2 Installation screen with License Agreement

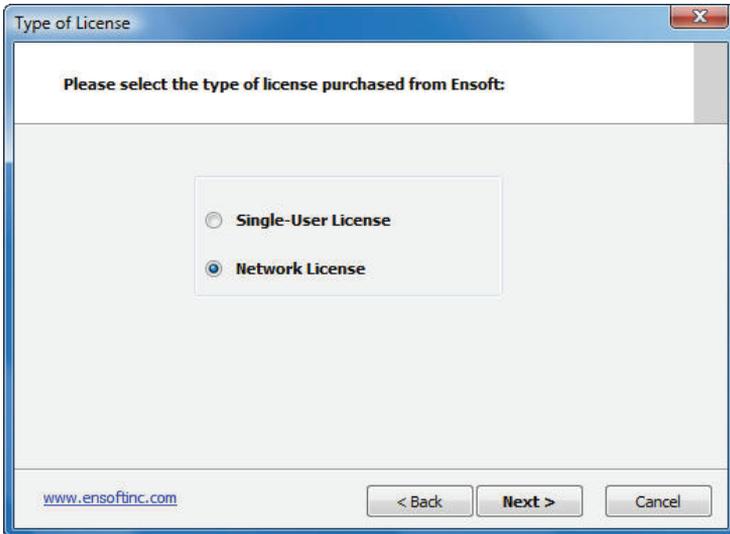


Figure 3 Selection of Network License

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and directory for the installation of **Ensoft Utilities** (Figure 5). The default installation directory (varies according to the Windows release where it is installed) is one of the following:

(Root Drive):\Program Files (x86)\Ensoft\Utilities5

(Root Drive):\Program Files\Ensoft\Utilities5

If the desired directory does not exist, the installation program will automatically create a new directory in the chosen drive.

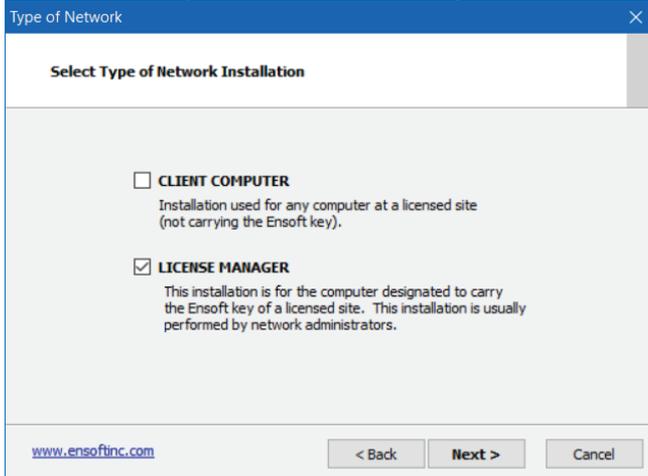


Figure 4 Selection of Type of Network Installation

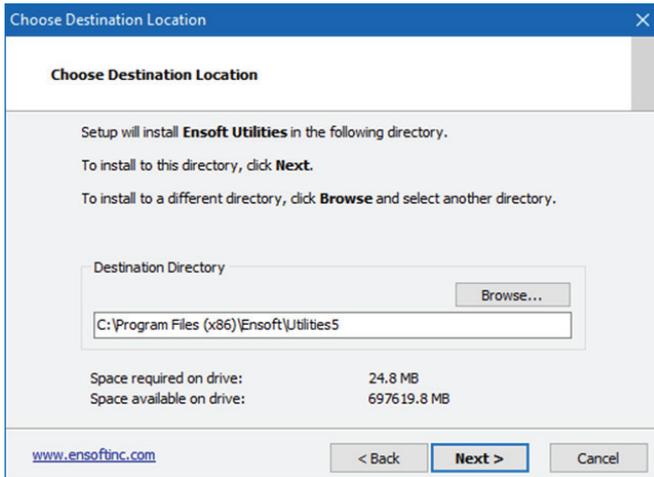


Figure 5 Default Installation Directory

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Most distribution files will be copied to the installation directory (either the default or the one selected by the user). However, certain files are copied to system directories in Windows and some Windows services are started during installation (mainly for Network installations). The name of the system files, their exact locations, and the type of services that are started may change in time and for different versions of the Microsoft Windows® operating system.

7. The user will be prompted to confirm the shortcut directory name that will be created in the Windows Start Menu (see Figure 6). The common default shortcut of Ensoft products is StartMenu > Programs > Ensoft > Utilities5

Windows 8, 8.1, 10 and 11 will automatically create an Ensoft tile with the same shortcuts.

8. During the installation, when the **ENSOFT SERVER INSTALL** screen comes up (Figure 7) the user should click

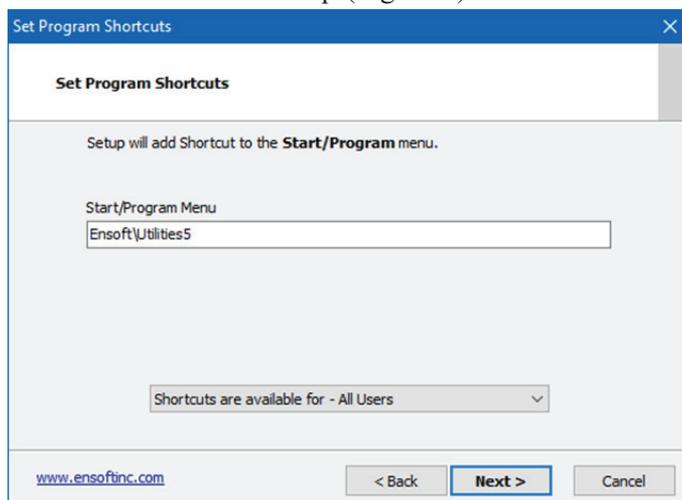


Figure 6 Default Shortcut Folder in Windows Start Menu

on the **Browse** button and browse to the directory where the user saved the **Unique Server File** provided by Ensoft via email for the network license. This file is usually named *NetUniKey_xxx-yyy.ini*, where *xxx* represents the serial

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number of the Net USB Key and *yyy* is the date of distribution of this file (in the format '*mmddy*'). Click **OK** to continue.

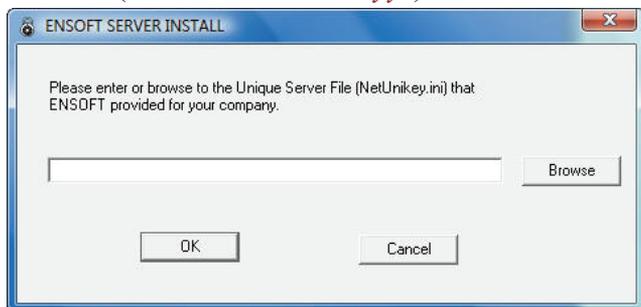


Figure 7 Browse to Unique Server File

9. A message comes up indicating the restart of the network server application and consequent loss of any connected client (Figure 8), click **Yes** to continue.

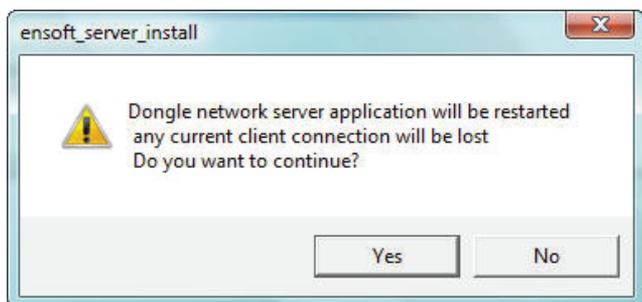


Figure 8 Click Yes to continue with server installation

10. If the appropriate **Unique Server File** and Net USB Key were detected then the user will receive a message similar to the one in Figure 9. Click **OK** to continue and complete the installation. It is not necessary to reboot the **License Manager**.

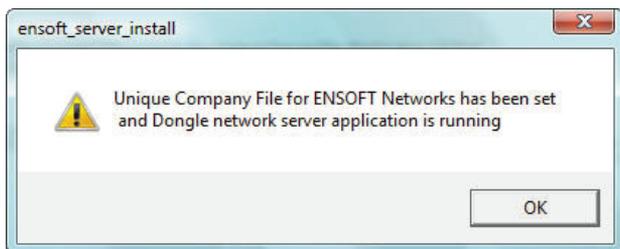


Figure 9 Click OK to continue with server installation

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Installation on Network Clients

In most common deployments, client computers within the local licensed site should have the SOFTWARE installed locally. The following guidelines are recommended for the installation of SOFTWARE on network clients (command-line shortcuts for silent client installations can be provided by Ensoft and are available online at <https://www.ensoftinc.com/doc/Silent%20Install%20on%20Client%20Computers.pdf>).

1. Plug the supplied USB Memory Stick (black colored with silver or white flip casing) into one of the available USB ports (or on USB hub) in the desired **Client Computer**. The USB Memory Stick is also plug-and-play compatible so the operating system will recognize the device contents after a brief lapse while assigning the proper device driver.
2. If Windows Explorer is not coming up automatically to display the file contents on the USB Memory Stick, click on the Windows **Start Menu** button and select **Run** (or simply click on the **Start Icon**). On the command line, type *d:\setup.exe* or *e:\setup.exe*, where *d:* or *e:* represents the drive that contains the USB Memory Stick. Click **OK** to execute the command and start the main installation program. A screen similar to the one in Figure 9 should appear.

Alternatively, the user may download the licensed SOFTWARE from our website using the following link:

<https://www.ensoftinc.com/downloads>

When running, a screen similar to the one in Figure 10 should appear so click the **Next** button.

3. In Figure 10 please select the SOFTWARE you wish to install and then click on the **Install Network** button to start the installation of SOFTWARE.
4. The user should read the **License Agreement** previously shown in “Figure 2”. Please click **Yes** if you agree and would like to proceed with the **Next** button.

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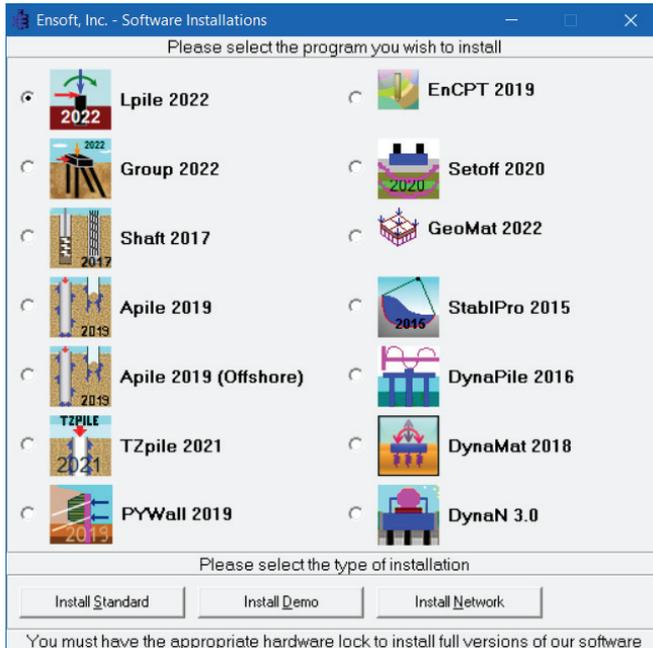


Figure 10 Main installation screen for ENSOFT software

5. Select **Network License** (previously in “Figure 3”) then click **Next**. For **Type of Network Installation** (previously in “Figure 4”) the user should select **CLIENT COMPUTER** and click **Next**.
6. The installation directory for example files can be selected or confirmed by the user (see Figure 11). By default the example files are copied to the following subdirectory:
(Root Drive)\Ensoft\SOFTWARE-Examples
A different directory can be selected with the **Browse** button or by entering the directory name in Figure 11.
7. The user will be provided with an option to select a drive and directory for the installation of SOFTWARE (see Figure 12). Default installation directory (varies according to the Windows release where it is installed) is one of the following:

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(Root Drive):\Program Files (x86)\Ensoft\SOFTWARE

(Root Drive):\Program Files\Ensoft\SOFTWARE

If the desired directory does not exist, the installation program will automatically create a new directory in the chosen drive.

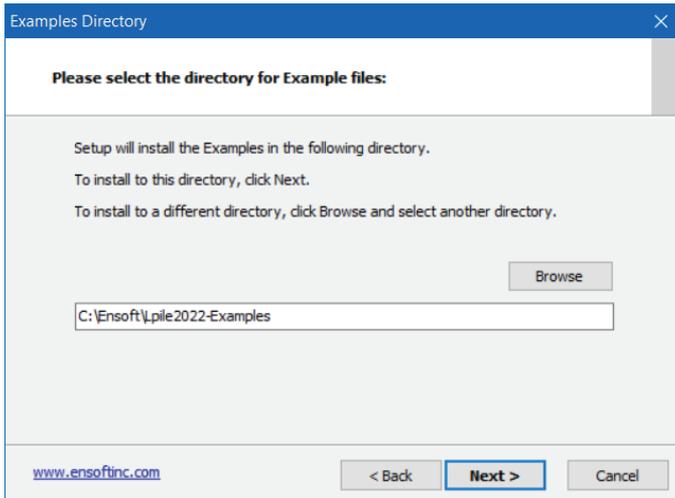


Figure 11 Default Installation Directory for SOFTWARE Examples

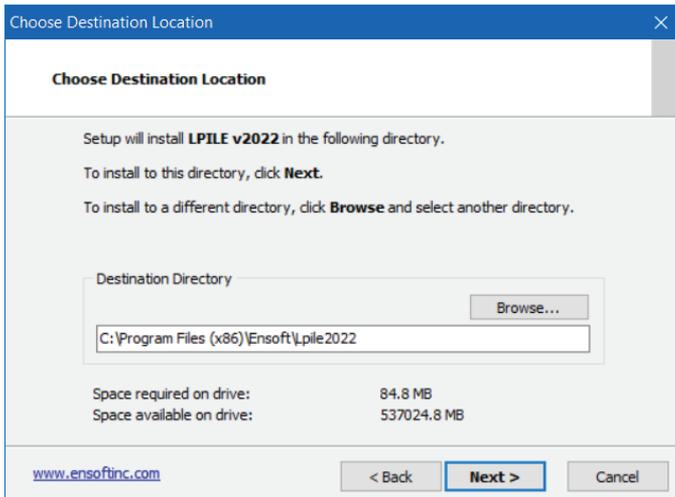


Figure 12 Default Installation Directory for SOFTWARE

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- Most distribution files will be copied to the installation directory (either the default or the one selected by the user). However, certain files are copied to system directories in Windows and some Windows services are started during installation (mainly for Network installations). The name of the system files, their exact locations, and the type of services that are started may change in time and for different versions of the Microsoft Windows® operating system.
- During installation the user will be asked to set the file extension association for opening SOFTWARE input data files (see Figure 13). If the user agrees (leaves the default check mark) then double clicking (or running any input data file with extensions of the type will start the installed SOFTWARE.

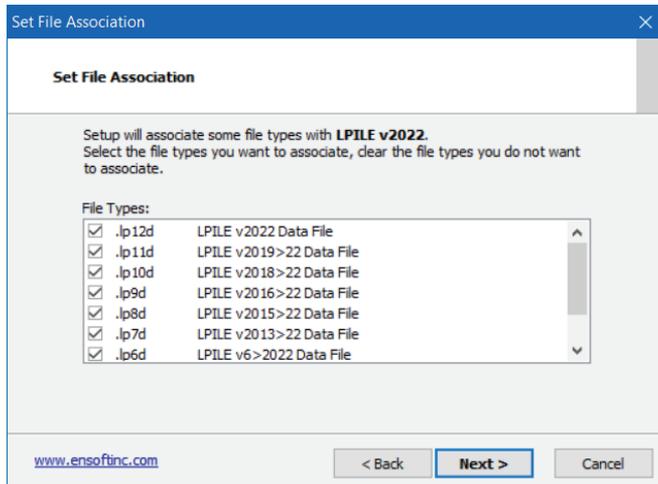


Figure 13 File Extension Association for SOFTWARE Data Files

- The user will be prompted to confirm the shortcut directory name that will be created in the Windows Start Menu (see Figure 14). The common default shortcut of Ensoft products is StartMenu > Programs > Ensoft > SOFTWARE
Windows 8, 8.1, 10 and 11 will automatically create an Ensoft tile with the same shortcuts.

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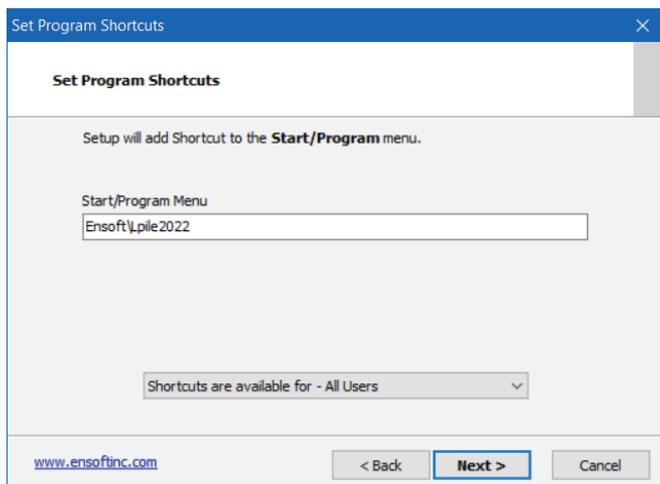


Figure 14 Default Shortcut Folder in Windows Start Menu

11. At the end of installation, **Client Computers** will be asked to enter the **IP Address** of the **License Server** (see Figure 15) in IPv4 format.



Figure 15 Screens to set License Server's IP



ENSOFT, INC.

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