



Installation & Introduction

(March 6, 2025)



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Computer Requirements

To enlarge this text, click on it, hold down the **Ctrl** key and *spin* the mouse wheel.

MEscopeVIDEOS will only run on 64 bit (x64) versions of Microsoft Windows. To use **MEscopeVIDEOS**, your computer must have at least the following capabilities.

- **Microsoft Windows 10**, or later version, with the *latest Service Pack* installed.
- A hard disk with at least **50 Gigabytes (GB)** of available space
- Microsoft **DirectX 11** or compatible graphics hardware

To use **MEscopeVIDEOS** in a Virtual Windows system, on a Linux or on Apple computer, the system *must support DirectX graphics hardware*.

Installing MEscopeVIDEOS

MEscopeVIDEOS cannot be run from its installation CD ROM or over a network.

MEscopeVIDEOS must be installed on a computer hard drive and will only run on the same computer as the hard drive.

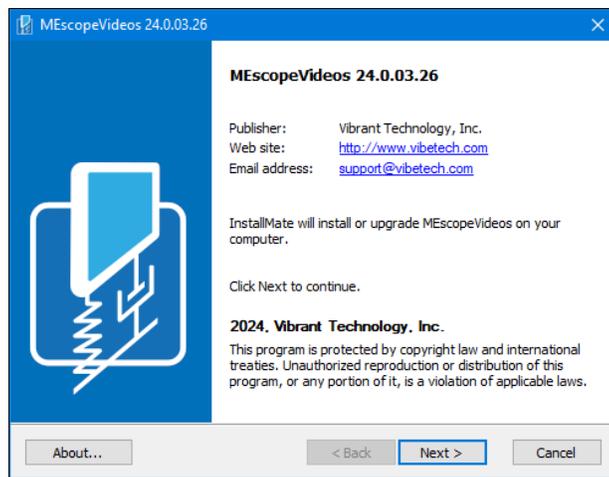
Installing MEscopeVIDEOS from the Vibrant Website

- On the **Software Downloads** page of www.vibetech.com page, *click* on **MEscopeVIDEOS Installation**.



- **Double-Click** on **MEscopeVIDEOS Installation**
- **Double-Click** on **MEscopeVIDEOS-Installer.exe** on the next page that opens.
- **Double-Click** on **MEscopeVIDEOS-Installer.exe** in the Downloads folder on your computer.

The installer will open the following dialog box.



MEscopeVIDEOS Installation Dialog Box.

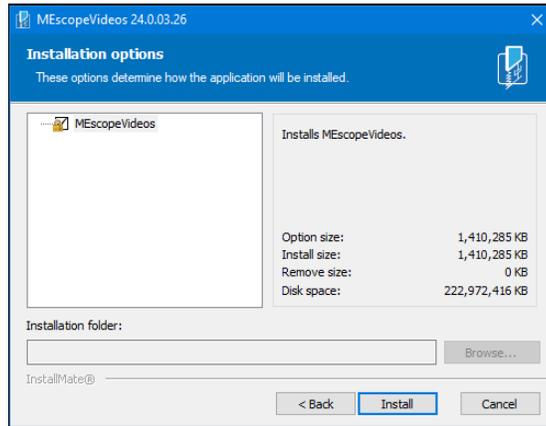
- **Click on Next**

The **License Agreement** dialog box will open.

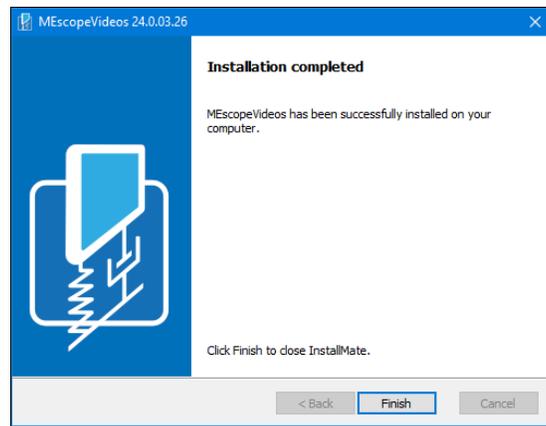
- **Check "I agree to these terms and conditions", and click on Next.**

The following dialog box will open next.

- Browse to the desired **Installation folder** and **click** on the **Install** button.



MEscopeVIDEOS Installation Options Dialog.



Finish Installation dialog box.

After the **MEscopeVIDEOS** software has been installed, the dialog box shown above will open.

MEscopeVIDEOS Security System

A complete **MEscopeVIDEOS** installation consists of the following parts,

1. The **MEscopeVIDEOS.exe** program and other software files
2. A **USB Security Key**, or a **software only license**, or the Network License Server (NLS) software
3. An **MEscopeVIDEOS** license file named **vtxxxxxx.vtl**, where **xxxxxx** is your **unique license number**.

For example, if your license number is **15125**, your **MEscopeVIDEOS** license file will be named **vt015125.vtl**

If MEScopeVIDEOS Won't Run

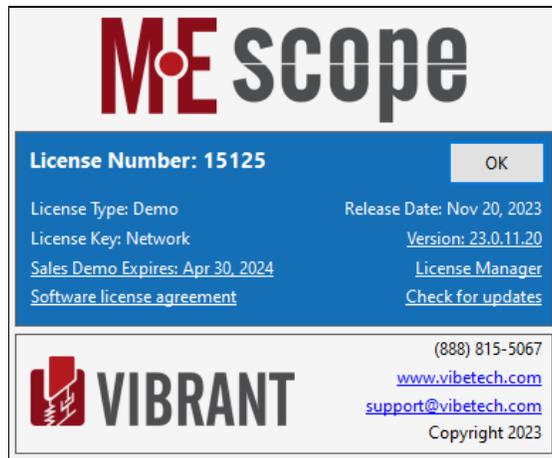
When you attempt to execute the **MEScopeVIDEOS.exe**, if you get an error message it could be for one of the following reasons.

- Either the **USB Security Key** or the **NLS** software is not properly installed and functional
- The License file **vtxxxxxx.vtl** is missing or corrupted.
- The **vtxxxxxx.vtl** license file does not contain your unique license number.
- The **MEScopeVIDEOS.exe** software is corrupted.

After checking the above items and reinstalling the software, if you still get an error message, contact Vibrant Technology at support@vibetech.com or call **(888) 815-5067** for assistance.

Operating Manual

- To open this Operating Manual any time while **MEScopeVIDEOS** is running, click on the **Manual Icon** on the *upper right* of the MEScope window.

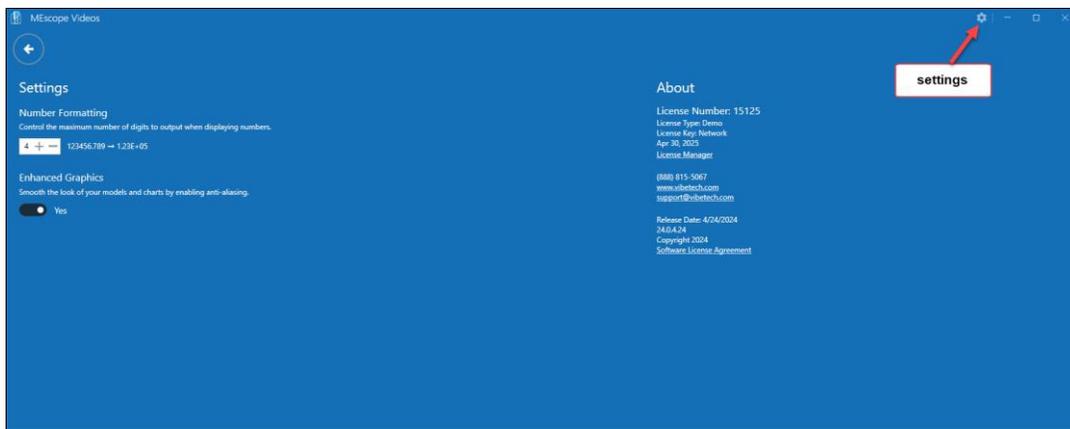


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License Manager

- To access information about your MEScope license, *click* on the **Settings Icon** on the *upper right* of the MEScope window.

The Package & Options authorized by your license file **vt0xxxxx.vtl** are listed in the Settings window.



License Information in the Settings Window

Installing the Network License Server (NLS)

The Network License Server (NLS) is network-based software that can authorize multiple copies of **MEscopeVIDEOS** to run on different computers that are initially attached to a computer network.

- The **NLS must be installed on a computer that is connected to your local network** and must be accessible by any copy of **MEscopeVIDEOS** that requires authorization to run.

Installing the NLS from the Installation CD ROM

To install the **NLS** software from the installation CD ROM,

- Execute the following program: **Security Keys\NLS\NLS.exe** from the **MEscopeVIDEOS** installation CD ROM

Installing the NLS from the Vibrant Website

- On the main page of the Vibrant website, **click** on **Support**
- On the Support page, **click** on **Downloads**
- On the **Downloads** page, **Double-Click** on **Network License Server Installation**
- Then **Double-Click** on **Download NetworkServer.zip**
- Follow the instructions to complete the program installation

When the **NLS** has been installed, a window will display the **Machine ID** of the computer.

The Machine ID can also be obtained by executing **Program Files | NLS | Get Unique ID** from the Windows Start menu.

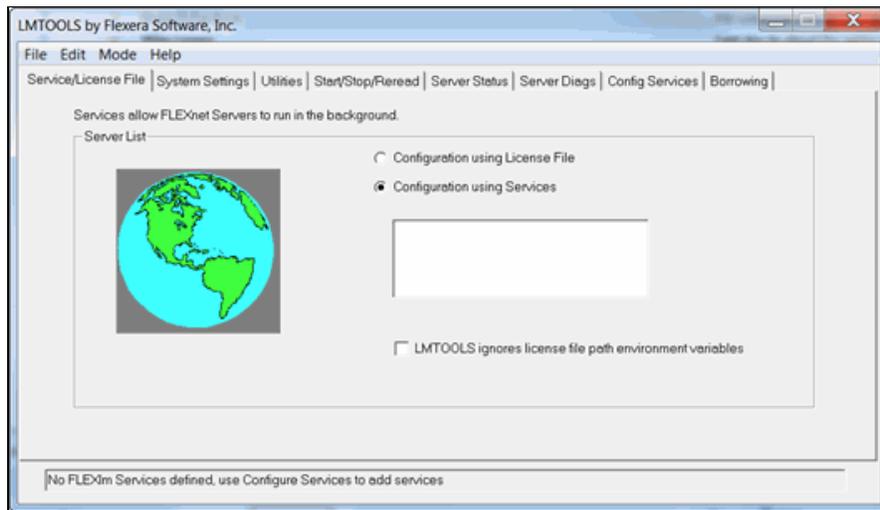
- Email your License number and the Machine ID to **activate@vibetech.com**

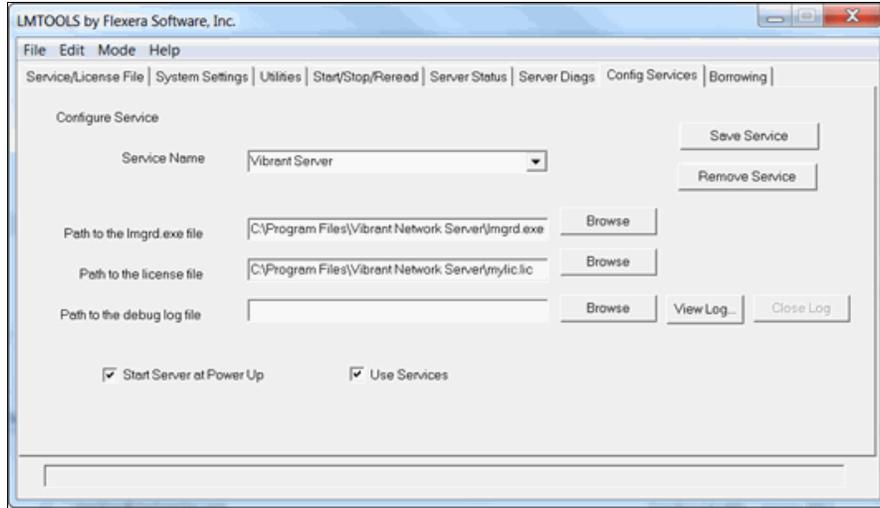
A **NLS** license file **VNS_#####.Lic** will be emailed back to you.

It is recommended that the **VNS_#####.Lic** file be copied to the **C:\Program Files \ Network License Server** folder on the Network License Server computer, and also stored in a safe place from which you can retrieve it if necessary.

Configuring the NLS

1. Execute **Program Files | NLS | LMTOOLS** from the Windows Start menu
2. Depending upon your computer security, you might need to **right click** on the program **LMTOOLS** and execute **Run as administrator**
3. On the **Service/License File** tab, select **Configuration using Services**, as shown below



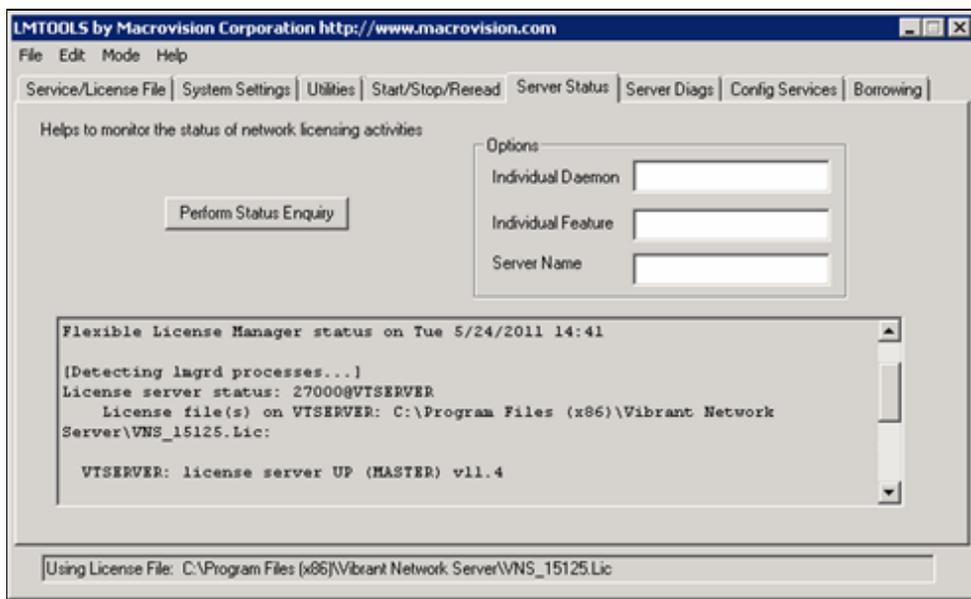


On the Config Service tab,

- Enter a Service Name, such as “**Vibrant Server**”
- Enter the Path to the lmgrd.exe file. (This will typically be found in the **C:\ Program Files \ NLS folder**)
- Enter the **Path** to the License file
- **Check Use Services** and **check Start Server at Power Up**
- **Click** on the **Save Service** button
- In the **Start/Stop/Reread** tab, **click on** the **Start Server** button
- On the **Server Status** tab, **click on** the **Perform Status Enquiry** button

The status of the license server is listed, as shown below. The server port and server name are also listed. The format **port@server name** is used to connect to the server.

The server name shown in the example below is **27000@VTSERVER**. Use this name (**27000@VTSERVER**) when prompted by the MEscape License Manager to connect to the NLS.



Configuring the Server Firewall (for Networks only)

The fire wall on the computer hosting the **NLS** must have inbound TCP exceptions set up allowing all **MEscopeVIDEOS** users access via the network. The configuration is dependent upon the firewall being used.

The following Firewall exceptions are required,

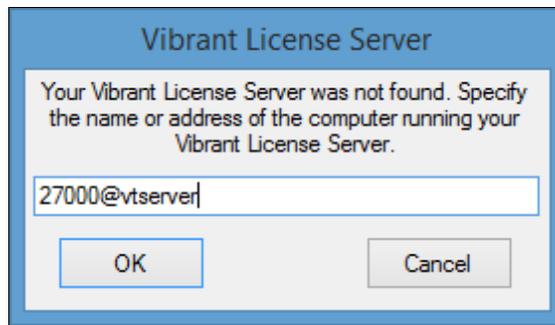
1. The port used by the **NLS**, which is usually a number between **27000** and **27009**.
2. The daemon, **VIBETECH.exe**, which is typically found in the **C:\Program Files\NLS** folder.

A manual that addresses more issues related to the Network License Server is located at <http://files.vibetech.com/docs/FlexNetAdminGuide.pdf>

Using the Network License Server

- Start **MEscopeVIDEOS**

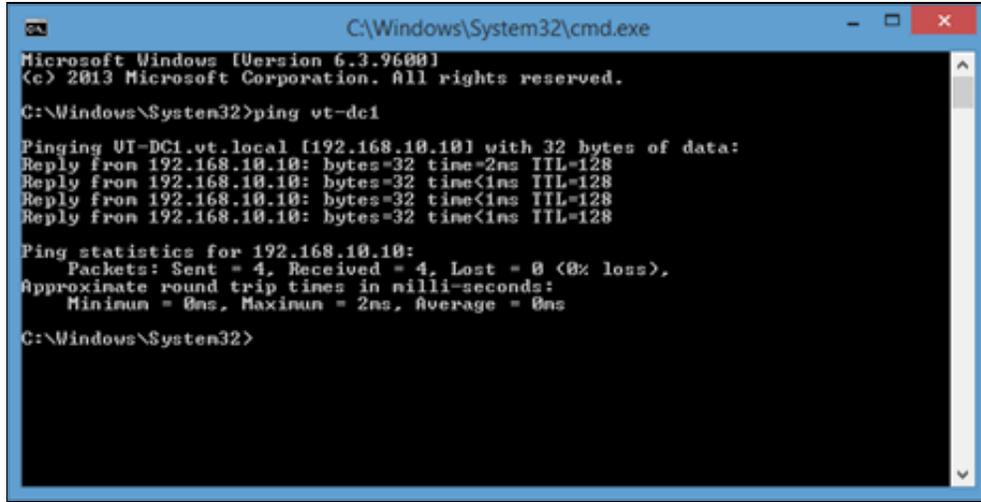
If the **NLS** is not found, the following dialog box will open.



The port and server name for the **NLS** should be entered using the format **port@server name**. In the example above, the port is **27000** and the server name is **vtserver**.

If you have difficulty connecting to the **NLS**, it may be that communication with the **NLS** computer is slow and has timed out. To address this issue,

- Open the Windows System Control Panel and enter **sysdm.cpl** in *Search Programs and Files*
- Select the **Advanced** tab on the panel
- Execute **Environment Variables**
- Create a New environment variable named **FLEXLM_TIMEOUT** and a time out in **microseconds**.
- The default time out is **100,000 microseconds (0.1 seconds)**
- Reboot the computer to apply this change.
- **TIP:** Pinging the server computer can show how long communications take with the server computer. Ping will show the *time to communicate* in milliseconds (1 millisecond=1000 microseconds).
- Open the Windows Command line and enter **cmd** in *Search Programs and Files*
- Enter **Ping** followed by the server name, as shown below



Borrowing a License from the NLS

To run **MEscopeVIDEOS** without being on the local network with the NLS, a license must be *borrowed* from the NLS.

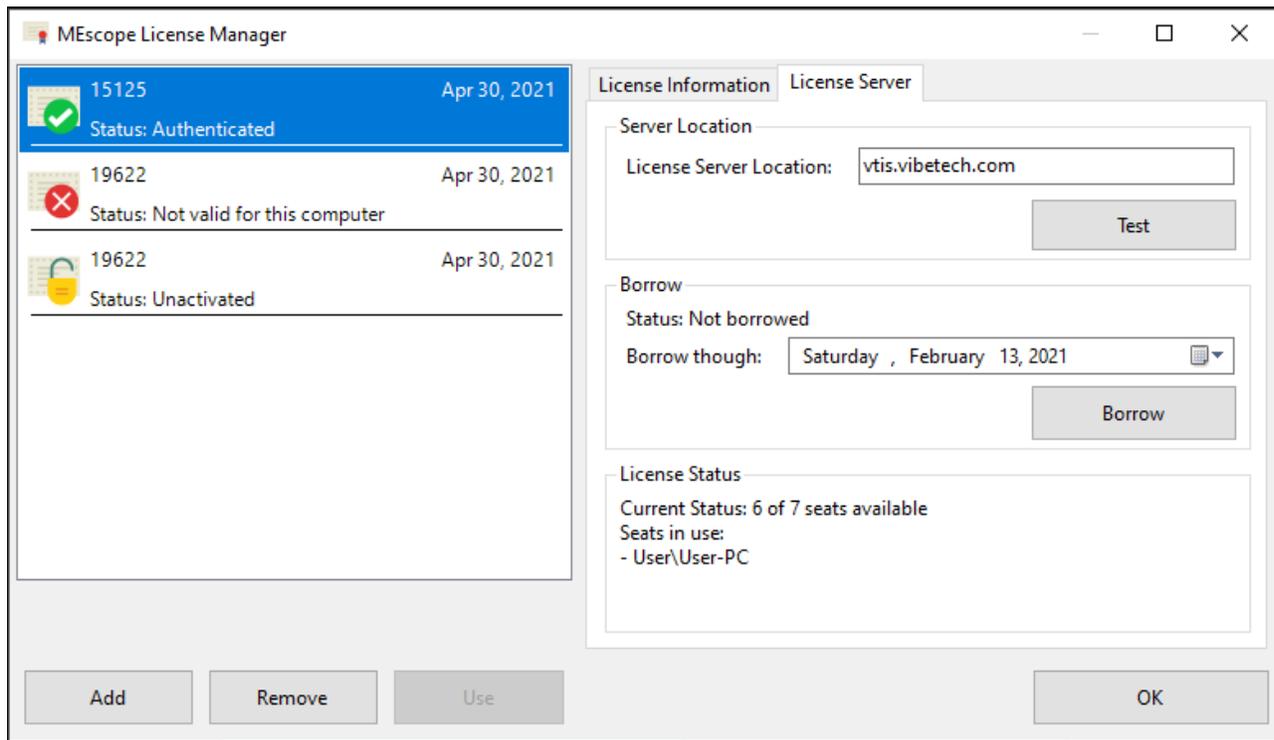
A borrowed license is node locked to your **MEscopeVIDEOS** computer, making that license unavailable to other users until it is returned to the NLS, or until *30 days has expired*, whichever occurs first.

A borrowed license will also be returned to the server when **MEscopeVIDEOS** is closed on your computer

To borrow a license,

- Run **MEscopeVIDEOS** while connected to the NLS
- Press on the **Settings Icon** in the *upper-right* corner, of the **MEscopeVIDEOS** window.

The Settings window will open, as shown below.



- Choose a **Borrow through** date.
- *Click* on the **Borrow** button
- *Click* on the **OK** button to close the **Settings Window** and continue using **MEscopeVIDEOS** using a **borrowed** license.

If the date and time settings are not changed, the license will be *borrowed for the rest of the day*.