

Installation & Introduction

(March 6, 2025)



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Vibrant Technology, Inc.

13275 East Fremont Place Suite 200 Centennial, CO 80112 USA phone: (831) 430-9045 fax: (831) 430-9057 E-mail: support@vibetech.com http://www.vibetech.com

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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 <u>www.vibetech.com</u> page, *click* on MEscopeVIDEOS Installation.

	S	Software Do	ownloads
*	MEscopeVES Installation	-Balt have	
±	MEscope Videos Installation Security Key Driver Installation	Click nere	J
¥	Network License Server Installation		
	MEscope Console 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 24.0.03.26		\times
	MEscopeVideos 24.0.03.26	
	Publisher: Vibrant Technology, Inc. Web site: <u>http://www.vibetech.com</u> Email address: <u>support@vibetech.com</u>	
	InstallMate will install or upgrade MEscopeVideos on your computer.	
لم الح	Click Next to continue.	
	2024, Vibrant Lechnology, Inc. This program is protected by copyright law and international	
<u> </u>	treaties. Unauthorized reproduction or distribution of this program, or any portion of it, is a violation of applicable laws	i.
About	< Back Next > Cancel	

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 24.0.03.26		×
Installation options These options determine how the application	will be installed.	
	Installs MEscopeVideos.	
	Option size: Install size: Remove size: Disk space:	1,410,285 KB 1,410,285 KB 0 KB 222,972,416 KB
Installation folder:		Browse
Installimateus	< Back Install	Cancel

MEscopeVIDEOS Installation Options Dialog.

MEscopeVideos 24.0.03.26		×
	Installation completed	
	MEscopeVideos has been successfully installed on your computer.	
AND A	Click Finish to close InstallMate.	
	< Back Finish Cance	:

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 vtxxxxx.vtl, where xxxxx 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 **vtxxxxx.vtl** is missing or corrupted.
- The vtxxxxx.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 <u>support@vibetech.com</u> 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.



Operating manual Table of Contents

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 vt0xxxx.vtl are listed in the Settings window.

MEscope Videos		^
Settings	About	settings
Number Formatting Control the maximum number of digits to subput when digitaying numbers. I + + 1 12345:789 – 1231-05	License Number: 15125 Larme Type Demo Lorme Key Network Apr 30, 2025 Lorme Manager	
Enhanced Graphics Smooth the lock of your models and charts by multiling anti-allusing.	(#88) 815 5607 www.oketenk.com separat@ehetenk.com Retires: Takata (%24/2004 24/49/pg) 52/2004 Software: License Agreement	

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

LMTOOLS by Flexera Software, Inc.	
File Edit Mode Help	
Service/License File System Settings Utilities Start/Stop/F	Reread Server Status Server Diags Config Services Borrowing
Services allow FLEXnet Servers to run in the backgrou	nd.
Server List	
(Configuration using License File
and the second s	Configuration using Services
	LMTOOLS ignores license file path environment variables
No FLEXIm Services defined, use Configure Services to ac	Id services

LMTOOLS by Flexera Software, Inc.				
File Edit Mode Help				
Service/License File System Setting	s Utilities Start/Stop/Rere	ad Server Status S	erver Diags Config S	Services Borrowing
Configure Service				
Con ico Mamo	-		_	Save Service
Gervice indine	Vibrant Server		•	Remove Service
Path to the Imgrd.exe file	C:\Program Files\Vibrant N	letwork Server\Imgrd.e	Browse	
Path to the license file	C:\Program Files\Vibrant N	letwork Server(mylic.lic	Browse]
Path to the debug log file			Browse	View Log Close Log
I Start Server at Powe	r Up 🔽 Use S	Services		

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 MEscope License Manager to connect to the **NLS**.

LMTOOLS by Macrovision Corporatio	on http://www.macrovisi	n.com			
File Edit Mode Help					
Service/License File System Settings	Utilities Start/Stop/Reread	Server Status	Server Diags	Config Services	Borrowing
Helps to monitor the status of network Perform Status Er	licensing activities	otions Idividual Daemon Idividual Feature erver Name			
<pre>Flexible License Manager status on Tue 5/24/2011 14:41 (Detecting lagrd processes) License server status: 27000@VISERVER License file(s) on VISERVER: C:\Program Files (x86)\Vibrant Network Server\VNS_15125.Lic: VISERVER: license server UP (MASTER) v11.4 </pre>					
Using License File: C:\Program Files	(x86)/Wibrant Network Server	VNS_15125.Lic			

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.

Vibrant License Server		
Your Vibrant License Server was not found. Specify the name or address of the computer running your Vibrant License Server.		
27000@vtserver		
ОК	Cancel	

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

C:\Windows\Syste	m32\cmd.exe	×
Microsoft Windows [Version 6.3.9600] (c) 2013 Microsoft Corporation. All rights	reserved.	^
C:\Windows\System32>ping vt-dc1		
Pinging UT-DC1.vt.local [192.168.10.10] wi Reply from 192.168.10.10: bytes=32 time=2m Reply from 192.168.10.10: bytes=32 time<1m Reply from 192.168.10.10: bytes=32 time<1m Reply from 192.168.10.10: bytes=32 time<1m	:h 32 bytes of data: : TTL=128 : TTL=128 : TTL=128 : TTL=128 : TTL=128	
Ping statistics for 192.168.10.10: Packets: Sent = 4, Received = 4, Lost Approximate round trip times in milli-secon Minimum = Oms, Maximum = 2ms, Average	e 0 (0% loss), nds: = 0ms	
C:\Windows\System32>		
		~

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.

📑 MEscope License Manager		— 🗆 X
15125 Status: Authenticated	Apr 30, 2021	License Information License Server Server Location
19622 Status: Not valid for this computer 19622 Status: Unactivated	Apr 30, 2021 Apr 30, 2021	License Server Location: vtis.vibetech.com Test Borrow Status: Not borrowed Borrow though: Saturday , February 13, 2021 Borrow License Status Current Status: 6 of 7 seats available Seats in use:
Add Remove	Use	OK

- 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*.