# Installing FlexNet Licence Management Software on Windows Server (All Products)

Floating / networked licences require you to install licence management software on a nominated licence server in order to run VSNi software. The licence server must be a reliable machine that is always running during normal operating hours as licenced applications will not work elsewhere on the network if the server is not present.

The VSNi licence server facility is built using the FlexNet licence management system.

Licence management software includes many additional features. If you wish to change any of the defaults or make any additions, please review the FlexNet Licence Administration Guide before installing: <u>FlexNet licence Administration Guide</u>

## **Before you Begin**

The installation and configuration of this software requires a high degree of expertise and administrative privilege and is expected to be undertaken by a member of your IT or Network support team.

Ensure that the following conditions are true:

- The computer you designate as the licence server is networked
- The computer is visible to all users who need to access the licence managed software
- · You have administrator rights on the designated server

# **Generating a Licence Request**

1. Visit the following page and download licence server for Windows onto your designated server ASRemI <u>https://asreml.kb.vsni.co.uk/knowledge-base/vsni-licence-server/</u> Genstat <u>https://genstat.kb.vsni.co.uk/knowledge-base/vsni-licence-server/</u>

### Download

The VSNi licence server allows you to host your floating license allocation on a physical 64-bit system.



- 2. Extract the contents of the zip file then open the resulting folder VSNi\_LicenseServer\_Win\_x64.
- 3. Open the vsn.lic file and edit the vendor daemon pathname to the location where you extracted the files.

4. Within the VSNi\_LicenseServer\_Win\_x64 folder double-click the file lmtools to open the LM Tools utility.

1 13	SNi_LicenseServer_Win_x64	
	Name	Date modified
	鹶 eventlogadd	22/03/2017 08:40
	💼 eventlogremove	22/03/2017 08:40
Ι_	📧 Imgrd	22/03/2017 08:40
I٢	🚟 Imtools	22/03/2017 08:40
15	📧 Imutil	22/03/2017 08:40
	VSN	22/03/2017 08:40

5. Click the Systems Settings tab. Your screen will look similar to the following:

- 6. Click Save HOSTID Info to a File and save the file as 'licencerequest'.
- 7. Email the licence request file to <a href="mailto:support@vsni.co.uk">support@vsni.co.uk</a>.

VSNi support will reply with an email containing two attachments: vsn.lic and product\_name.lic (where product\_name is the VSNi product you have purchased).

	Jade Hawkes	Jane (	Cohen;	support +	
	Genstat license l	key			
🧿 ge	enstat.lic KB	-		vsn.lic 4 KB	-

## **Enabling Users to run the Software**

To download the product software, go to:

ASRemI <u>https://asremI.kb.vsni.co.uk/download-software/</u> Genstat <u>https://genstat.kb.vsni.co.uk/download-genstat/</u> Clients can run the product software in two ways:

#### Local Install

 Install the VSNi software and a copy of the product\_name.lic file on each client PC in C:\ProgramData\VSNi. Your end users can now run the software whenever a licence is available.

#### **Network Install**

- 1. Install the product software on a server (this does not have to be the same computer as the licence server).
- 2. Put the file product name.lic in the Bin folder, similar to the following image:

> This PC > OS (C:) > Pro	gram Files > Gen19Ed >
[	Name ^
	Addins
CSM International Ltd	Bin
	Data

3. Share the product installation folder. (The image below uses the product name Gen19Ed but you may be installing a different product).

→ This PC → OS (C:) →	Program Files 🔹
	Name ^
	Common Files
CSN International Ltd	📙 Dell
	Dell Support Center
	🖂 📙 Gen19Ed
Charles Company	Hyper-V

- 4. On each client PC map a network drive to the shared folder on the server.
- 5. On each client PC create a desktop shortcut that points to N:\Bin\product\_name.exe (where N: is the drive letter you have chosen for the shared folder).

### **Configuring your Licence Server**

**Note:** Ensure that the licencing ports and the vendor daemon ports are opened on the firewall so that remote clients can checkout licences. For detailed information please refer to <u>FlexNet licence</u> <u>Administration Guide</u>

- 1. When you receive the email containing the .lic attachments, save both files to the folder VSNi licenceServer Win x64 you extracted earlier.
- 2. In that folder double-click the file <code>lmtools</code> to open the LM Tools utility.

Assuming you do NOT already have a Flex service you will need to create a service manually.

- 3. Click the Config Services tab.
- 4. In the Service Name field, change the default name into something meaningful e.g. VSN licence Service.

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File Edit Mode Help	
Service/License File   System Settings   Utilities   Start/Stop/Reread   Server Status   Server Diags	Config Services Borrowing
Configure Service Service Name VSN License Service	Save Service Remove Service
Path to the Imgrd.exe file VSNi_LicenseServer_Win_x64\Imgrd.exe Browse	
Path to the license file dVSNi_LicenseServer_Win_x64\vsn.lic Browse	
Path to the debug log file Browse	View Log Close Log
Start Server at Power Up Use Services Trusted Stora NOTE: This box r use.	nge in Use nust be checked if trusted storage in

5. Click the first **Browse** button then navigate to the folder containing the extracted files and select the file lmgrd.exe.

6. Click the second Browse button and select the file vsn.lic. Do NOT select the product\_name.lic file.

Name	Date modified	Туре
💣 eventlogadd.reg	22/03/2017 08:40	Registration Entries
💼 eventlogremove.reg	22/03/2017 08:40	Registration Entries
🧾 genstat.lic	21/03/2017 14:49	LIC File
licenserequest	22/03/2017 09:12	File
Imgrd.exe	22/03/2017 08:40	Application
💥 Imtools.exe	22/03/2017 08:45	Application
📧 Imutil.exe	22/03/2017 08:40	Application
VSN.exe	22/03/2017 08:40	Application
/// vsn.lic	21/03/2017 14:49	LIC File

- 7. Select the Use Services and Start Server at Power Up checkboxes. This ensures the licence server will start automatically if the server re-starts.
- 8. Click Save Service then click Yes when prompted.
- 9. Click the Service/licence File tab. The VSNi licence Service should display in the list.
- 10. Select Configuration using Services then select LMTOOLS ignores licence file path environment variables.

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File Edit Mode Help	
Service/License File   System Settings   Utilities   Start/Stop/Reread   Server Status   Server Diags   Config Services   Borrowing	
Services allow RexNet Servers to run in the background.          Server List <ul> <li>Configuration using License File</li> <li>Configuration using Services</li> </ul> VSN License Service           Image: Configuration using License file           Image: Configuration using License File           Image: Configuration using License Service           Image: Configuration using License File           Image: Configuration using License Service           Image: Configuration using License File           Image: Configuration using License Service           Image: Configuration using License File           Image: Configuration using License File <ul> <li>Configuration using Services</li> <li>Image: Configuration using License File</li> <li>Configuration using License File</li> <li>Image: Configuration using Lic</li></ul>	

11. Click the Stop/Start/Reread tab.

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File E	dit Mode	Help						
Service	/License File	System Settings Utilities	Start/Stop/Reread Se	rver Status   Serve	er Diags Config	Services	Borrowing	1
		Flex Start Server Edit Advanced settings	Net license services instal	er Shutdown	er ReRead Licer o shut down a lic	nse File	- Pr	
			when licenses are	e borrowed.				
Using	g License File							

12. Click Start Server. The status bar will display Server Start Successful when finished.

- 13. Click ReRead licence File. The status bar will display Reread Server licence File Completed when finished.
- 14. To check that the licence file has been read correctly click the *Server Status* tab then click **Perform Status Enquiry**.

LMTOOLS by Flexera Software LLC — 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 licensing activities       Options         Individual Daemon       Individual Daemon         Individual Feature       Server Name		
<pre>Vendor daemon status (on ):     VSN: UP v11.13.1 Feature usage info: Users of GenStat: (Total of 2 licenses issued; Total of 0 licenses in use)</pre>	~	
Using License File:		_

The log output will indicate that the VSN daemon is running and that licences have been issued.