

Noventri Server Manual



Noventri

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Server Manual

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Chapter 1: Overview

Noventri Digital Signage Software

Noventri Digital Signage Software has two parts, the Noventri Suite Software and the Noventri Server Software.

Noventri Digital Signage Software - Suite

Noventri Suite Software is used for the design of **Projects**, and is the user interface for the **Server** (used for managing content and for controlling what is displayed by the **Players**). For more information, see the **Noventri Suite** manuals.

Noventri Digital Signage Software - Server

Noventri Server Software contains three components that are installed together:

- Server The Server is the main Server that runs in the background and accepts connections from Noventri Suite installations and Players, and acts as an interface between the two. For more information, see the <u>Server</u> section of this manual; Chapter 2.
- <u>Server Manager</u> The Server Manager is also a "server" that runs in the background. It manages the "main" Server(s) and accepts connections from the Server Manager Tray. For more information, see the <u>Server Manager</u> section of this manual; Chapter 3.
- <u>Server Manager Tray</u> The Server Manager Tray is accessed via the Noventri Server icon on the desktop and is the user interface for the Server Manager. For more information, see the <u>Server Manager Tray</u> section of this manual; Chapter 4.
- **Network Note:** Active access to files across a network by the **Noventri Server** (for example, accessing a Database File) is allowed only if Windows service properties are configured correctly. For more information, see the <u>Network Considerations</u> section of this manual; Chapter 5.

Installation

Installation instructions for both **Noventri Suite Software** and **Noventri Server Software** are covered in the **Noventri Suite Design** manual. For more information, see the **Noventri Suite - Design Manual**.

Noventri Server Software can be installed on the same computer as the Noventri Suite Software or can be installed on a separate computer.

Chapter 2: Server

Server - Summary

The Server is the main Server that runs in the background and accepts connections from Players and Noventri Suite instances, acting as an interface between the two. The Server manages; Players, Users, and relevant files for distributing content to the Players. It distributes the content as required to the Players and provides information through Noventri Suite to the user.

When **Noventri Server Software** is installed, it automatically defaults to having one **Server** created and ready to use (**Port** 20940).

When the computer, with the **Noventri Server Software** is turned on, the **Server** automatically runs in the background.

The Server needs to be in communication with the Players and with Noventri Suite for proper operation.

Server Connection to Players

Players can be pointed to the **Server** by opening the **Players Web-App** and setting the **Player's Noventri Server** field to the IP address (of the computer where the **Noventri Server** software is installed), followed by the **Port** (default 20940). For more information, see the <u>Noventri SF-200 Manual</u>.

Server Connection to Suite

Noventri Suite connects to the Server, enabling Noventri Suite to access the Players. This connection is acquired from within **Noventri Suite**. Selecting anything within the **Noventri Suite** program that requires a connection to the **Server** will prompt a **Server Login**.



This will automatically open a **Server Login** window. If the **Server** and the **Suite** are installed on the same computer, the *default* login information is as shown below. For more information, see the <u>Noventri Suite</u> - <u>Design Manual</u>.

Host:	localhost
Username:	Admin
Password:	noventri

Server Operation

Once the **Server** is connected to both **Player(s)** and **Noventri Suite**, it needs no additional configuration for *basic* operation. For more information, see the <u>Noventri Suite Manuals</u>.

More advanced **Server** configuration is accessible through the **Server Manager**. For more information, see the <u>Server Manager</u> section of this manual; Chapter 3.

Chapter 3: Server Manager

Server Manager - Summary

The **Server Manager** is used for advanced **Server** configuration, such as creating additional **Servers** and configuring their settings.

When the Noventri Server Software is installed, the Server Manager is automatically installed.

The Server Manager, like the Server, is also a "server" that runs in the background. However, the Server Manager interacts with Windows as a service.

The Server Manager accepts connections from the Server Manager Tray (user interface), and using the Server Manager Tray input, manages the Servers.

Server Manager connection with the Server Manager Tray

The connection between the **Server Manager** and the **Server Manager Tray** is done from within the **Server Manager Tray**. For more information, see the <u>Server Manager Tray</u> section of this manual; Chapter 4.

4

Chapter 4: Server Manager Tray

Server Manager Tray - Summary

The Server Manager Tray is the user interface for the Server Manager.

The **Server Manager Tray** via the **Server Manager** is used for advanced **Server** configuration, such as creating additional **Servers** and configuring their settings.

When the **Noventri Server Software** is installed, the **Server Manager Tray** is automatically installed as part of it.

Server Manager Tray connection to the Server Manager

The Server Manager Tray is accessed from the Noventri Server icon on the desktop (default location). When the Server Manager icon is selected the Noventri Server Manager Login window will open.



Server Manager Login Window

The Noventri Server Manager Login window is used to login to the Server Manager.

🧐 Noventri Server	Manager	_ 🗆 🗙
<u>File</u> Help		
Service Manager:	localhost	20939
Password:		
	Cancel	Login

The *default* login information....

Service Manager:	localhost
Port:	20939
Password:	noventri

- Note 1: The Server Manager that is being logged into can be located on the same computer as Server Manager Tray or can be located on a separate computer.
- Note 2: Toolbar commands for the Server Manager Login Window and the Server Manager Main Window are basically the same. For more information, see the <u>Toolbar</u> section of this manual.

Service Manager – In the Service Manager box, enter the IP Address of the computer where the Server Manager is located. The IP Address can be entered manually or can be selected from the drop down menu. If the Server Manager Tray and the Server Manager are located on the same computer, use localhost (default).

Sile Help	Manager	
Service Manager:	localhost	0939
Password:		
	Cancel	Login

- **Note:** When logging into a **Server Manager** that is not located on the same computer; access is only allowed if the **Server Manager** on the other computer has its **Remote Administration** option enabled. For more information, see the <u>Advanced Tab</u> section of this manual.
- Port In the Port box, enter the Port number. Just as the Server has a Port number; with the localhost default being 20940, the Server Manager also has a Port number; with the localhost default being 20939.

🌍 Noventri Server	Manager	
<u>F</u> ile Help		
Service Manager:	localhost	20939
Password:		
	Cancel	Login

Password – In the Password box, enter the Password for the Server Manager. The default Password is noventri.



Once all the **Login** information is correct, select the **Login** button, or to close the window without logging in, select the **Cancel** button.



Note: Selecting the **Cancel** button will close the window; however the **Server Manager Tray** will remain active with its icon in the Windows System Tray.



Once the **Login** is successful, the **Noventri Server Manager** window will open. For more information, see the <u>Server Manager Main Window</u> section of this manual.

🌍 Noventri Serv	er Manager				
<u>F</u> ile Help					
Servers	Advanced	1			
Start	Auto	Name	Port	Sync Interval	Status
Stop		Default	20940	900	Running
Restart					
Add Server					
Remove Server]				
Browse Files					
Browse Logs					
	•				
				Cancel	Apply
localhost:20939					1.

Server Manager Main Window

Once the Login is successful, the Noventri Server Manager main window will open.

ô Noventri Serv	er Manager				_ 🗆 🗵
<u>F</u> ile Help					
Servers	Advanced]			
Start	Auto	Name	Port	Sync Interval	Status
Stop	N N	Default	20940	900	Running
Restart] [
Add Server	1				
Remove Server	il				
	,				
Browse Files					
Browse Logs	i l				
	1				
				General	1
				Cancel	
localhost:20939					

Note: Toolbar commands for the **Server Manager Login Window** and the **Server Manager Main Window** are basically the same. For more information, see the **Toolbar** section of this manual.

Servers Tab

The Servers tab is where individual Servers are listed and handled. In this tab, Severs can be Added/Removed or Started/Stopped.

When the **Noventri Server Software** was installed, a default **Server** was automatically created at**Port** 20940.

The **Server** stats panel shows the automatically created default **Server** along with any other **Servers** that are controlled by this **Server Manager**.

File Help						
Servers	Advanced					
Start	Hato	Name	Port	Sync Interval	Status	
Stop Researt Add Server		Default	20940	900	Running	
Browse Files Browse Logs						
				Cancel	Apply	

The Server stats panel has columns showing the settings for each of the Servers.

Auto - When the Auto check box is selected; that Server will automatically run in the background when the computer is turned on.

ô Nove	entri Server	Manager				_ 🗆 🗙
<u>F</u> ile He	lp					
Ser	rvers	Advanced	1			
:	Start	Auto	Name	Port	Sync Interval	Status
	Stop		Default	20940	900	Running
R	estart	\sim				
Ado	Server					
Remo	ve Server					
Brow	vse Files					
Brow	vse Logs					
					Cancel	Apply
localhost	:20939					1.

Name - The Server that was automatically created when the Noventri Server Software was installed is Named - Default. Any additional Servers that are created will be Named – New Server.



To change the **Name** of any of the **Servers**, double click on the **Name** and it will become an editable text box, where a new **Name** can be typed in.

Servers	Advanced				
Stort	Auto	Name	Port	Sync Interval	Status
Stop	1	Default	2 940	900	Running
Restart		\smile			
Add Server					
Remove Server					
Browse Files					
Browse Files Browse Logs					

Port - The **Port** for the **Server** that was automatically created when the **Noventri Server Software** was installed is 20940. Any additional **Servers** that are created will be assigned **Port** numbers sequentially. No two **Servers** on the same computer may share the same **Port** number.



To change the **Port** of any of the **Servers**, double click on the **Port** and it will become an editable text box, where a new **Port** number can be selected.

ô Noventri Serve	er Manager				
File Help					
Servers	Advanced				
Start	Auto	Name	Port	SyncInterval	Status
Stop		Derauit	20940		Running
Restart					
Add Server					
Remove Server					
Browse Files					
Browse Logs					
				Cancel	Apply
localhost:20939					

Sync Interval - The Sync Interval for all Servers defaults to 900mS (.9 seconds). This is the time interval of how often the Status shown on this panel will receive an update from the Server.

🔅 Noventri Serve	er Manager				
File Help					
Servers	Advanced				
Start	Auto	Name	Port	Sync Interval	tatus
		Default	20940	900	Rinning
Stop		New Server	20941	900	Rinning
Restart		New Server	20942	900	Funning
[\smile	
Add Server					
Remove Server					
Browse Files					
Browse Logs					
	•				
				Cancel	Apply
localhost:20939					

To change the **Sync Interval** for any of the **Servers**, double click on the **Sync Interval** and it will become an editable text box, where a new **Sync Interval** in mS can be selected.



Status - The Status column shows the current Status for each Server. The Status is received from the Player.

ô Noventri Serve	r Manager				
File Help					-
Servers	Advanced				
Start	Auto	Name	Port	Sync Inter al	Status
		Default	20940	900	Running
Stop		New Server	20941	900	Running
Restart		New Server	20942	900	Running
Remove Server Browse Files Browse Logs	•				
				Cancel	Apply
localhost:20939					11.

The Servers tab also has a list of command buttons on the left.



Start - The Start button is used to start a Server. When a Server is started, its Status will change to Running. The Server will then be the interface between the Players and Noventri Suite installations that are connected to it.

10 N	loventri Serve	er Manager				_ 🗆 🗵
File	Help					
	Servers	Advanced	1			
	Start	Auto	Name	Port	Sync Interval	Status
			New Server	20942	900	Not Running
	Stop		New Server	20940	900	Not Running
	Restart					
	Add Server	1				
R	emove Server	i				
	Browse Files					
	Browse Logs	•				F
					Cancel	Apply
local	nost:20939					11.

Stop - The Stop button is used to stop a Server that is Running. When a Server is stopped, its Status will change to Not Running and it will no longer be connected to any of the Players or Noventri Suite installations.

🛞 Noventri Servi	er Manager				
Eile Help					
Servers	Advanced	1			
Start	Auto	Name	Port	Sync Interval	Status
		New Server	20942	900	Running
Stop		New Server	20940	900	Not Running
Restart					
Add Server	1				
Remove Server	1				
Browse Files					
Browse Logs					
	<u> • </u>				
				Cancel	Apply
localhost:20939				ſ	1.

Restart - The **Restart** button is used to restart a **Server** that is **Running**. When a **Server** is restarted, it will temporarily stop and then start again. Its **Status** will eventually go back to **Running** once it has fully restarted.

N	loventri Serve	er Manager				
Eile	Help					
	Servers	Advanced	1			
	Start	Auto	Name	Port	Sync Interval	Status
			New Server	20942	900	Running
_	Stop		New Server	20940	900	Not Running
6	Restart					
R	Add Server emove Server Browse Files Browse Logs	•				
					Cancel	Apply
local	nost:20939					

Add Server - The Add Server button allows multiple Servers to be created. As Servers are created they will automatically be assigned Port numbers sequentially. Each Server will be completely independent of the others.

🌍 Noventri Servi	er Manager				
<u>File</u> Help					
Servers	Advanced				
Start	Auto	Name	Port	Sync Interval	Status
		New Server	20942	900	Running
Stop		New Server	20940	900	Not Running
Restart]				
Add Server	\triangleright				
Remove Server					
Browse Files					
Browse Logs	1				
<u> </u>	1				F
				Cancel	Apply
localhost:20939					

Remove Server - The **Remove Server** button allows **Servers** to be removed. Select the **Server** and then press the **Remove Server** button.

- Browse Files\Browse Logs The Browse Files\Browse Logs buttons allow access to the Noventri Suite and Player files that are saved on the Server. Unlike viewing Server files from within Noventri Suite (where only specific files are viewable), when viewing them through the Server Tray, the entire tree structure is visible, therefore all files can be seen.
- **Note:** Although the **Files/Logs** for *all* the **Servers** can be browsed here. When viewing **Server Files/Logs** through **Noventri Suite** installations, the only files accessible will be for the **Server** the **Suite** is connected to.

Noventri Serve	r Manager										
Ele Help											
Servers	Advanced	1									
Start.	Auto	Name	Port	Sync Interval	Status	C:\Documents and Settings	All Users\Applica	tion Data\Nove	ntri\Server\Wo	ork\44c6806	2-e 💶 🔲
Stop	14	New Server New Server	20942 20940	900 900	Running Not Running	File Edit View Favorites T	ools Help				
Restart	1					🕞 Back 🔹 🅥 👻 🤌	Search 🔀 Fold	lers 🔯 🎯	7 🗙 🍤		
Add Server						Address 🛅 C:\Documents and Set	tings\All Users\Appli	ation Data\Nover	tri\Server\Work\4	14c68062-ece8	8-490b-8cc7-f
Remove Ferver						Name 🔺	Size	Туре	Date Mod	dified	Date Picture
						Work		File Folder	2/24/201	4 10:54 AM	
Browse Files						NoventriServer.db	16 KB	Data Base File	2/24/201	4 10:59 AM	
Browse Logs						🖬 Work.cfg	1 KB	CFG File	2/24/201	4 10:54 AM	
				Cancel	Apply	•					
ocalhost:20939						3 objects			16.2 KB	😼 My Comp	uter

Note: When **Browsing** to a location on the network, be sure to always use the UNC Path (Universal Naming Convention, which typically contains (\\server...). Do not use a path containing a shortcut (such as m:\).

Advanced Tab

In the Advanced tab, the Work/Log Directory locations for the "main" Servers can be changed. The Password/Port/Remote access can be changed for the Server Manager "server", or the Server Manager Tray can be set to automatically open (on boot up) in the Windows Start Tray.

😵 Noventri Server Manager 📃	
Eile Help	
Servers Advanced	
Work Directory: C:\Documents and Settings\All Users\Application Data\Noventri\Server\']
Log Directory: C:\Documents and Settings\All Users\Application Data\Noventri\Server\I	
Current Password:	
New Password:	
Confirm New Password:	
Administration Port: 20939	
Remote Administration:	
Start Tray on Boot: 🕅	
Cancel Apply	
localhost:20939	//.

Work Directory - The Work Directory is the location where files used by the "main" Server(s) are stored. This includes Project files, Schedules, Images, etc. Within this directory, each Server will have a separate sub folder. It is recommended to use the default location; however the location can be changed here by selecting the Browse button and browsing to the desired new location, and then selecting OK.

Note: When **Browsing** to a location on the network, be sure to always use the UNC Path (Universal Naming Convention, which typically contains (\\server...). Do not use a path containing a shortcut (such as m:\).

😵 Noventri Server Manager 📃	IX
<u>E</u> ile Help	
Servers Advanced	
Work Directory: C:\Documents and Settings\All Users\Application Data\Noventri\Server\ Log Directory: C:\Documents and Settings\All Users\Application Data\Noventri\Server\	D
Current Password:	
New Password:	
Confirm New Password:	
Administration Port: 20939	
Remote Administration:	
Start Tray on Boot:	
Cancel Apply	
localhost:20939	11.

Log Directory - The Log Directory is the location where Log files are stored by the "main" Server(s). Within this directory each Server will have a separate sub folder. It is recommended to use the default location; however the location can be changed here by selecting the Browse button and browsing to the desired new location, and then selecting OK.

Note: When **Browsing** to a location on the network, be sure to always use the UNC Path (Universal Naming Convention, which typically contains (\\server...). Do not use a path containing a shortcut (such as m:\).

🌍 N	oventri Serv	er Manager 📃 🗌 🗙
Eile	Help	
	Servers	Advanced
	Work Dire	ctory: C:\Documents and Settings\All Users\Application Data\Noventri\Server\"
	Log Dire	ctory: C:\Documents and Settings\All Users\Application Data\Noventri\Server\()
		`
	Current Pass	word:
	New Pass	word:
Co	nfirm New Pass	word:
	Administration	Port: 20939
Re	emote Administr	ation: 🗖
	Start Tray on	Boot:
		Cancel Apply
localt	nost:20939	

Password - The Current/New/Confirm Password boxes allow the Server Manager "server" Password to be changed. The default Password is noventri.

😵 Noventri Server Manager	Ľ
<u>File</u> Help	
Servers Advanced	
Work Directory: C:\Documents and Settings\All Users\Application Data\Woventri\Server\ Log Directory: C:\Documents and Settings\All Users\Application Data\Woventri\Server\	
Current Password:	
Confirm New Password:	
Administration Port: 20939	
Remote Administration:	
Start Tray on Boot: 🔲	
Cancel Apply	
localhost:20939	//.

Administration Port - The Administration Port is the Port for the Server Manager "server". Just as the "main" Server(s) have a Port numbers; with the localhost default being 20940, the Server Manager "server" also has a Port number; with the localhost default being 20939. The Administration Port box allows the Port for the Server Manager "server" to be changed.

🌍 Noventri Server Manager	- U ×
<u>E</u> ile Help	
Servers Advanced	
Work Directory: C:\Documents and Settings\All Users\Application Data\Noventri\Server	<u>v</u>
Log Directory: C:\Documents and Settings\All Users\Application Data\Noventri\Server	V
Current Password:	
New Password:	
Confirm New Password:	
Administration Port: 20939	
Remos Melochation	
Start Tray on Boot: 🔲	
Cancel	pply
localhost:20939	

Remote Administration - The Remote Administration option allows this Server Manager "server" to be logged into from Server Managers Trays located on other computers. Select the Remote Administration check box to allow these remote connections.

😽 Noventri Server Mar	nager	- 🗆 ×
<u>E</u> ile Help		
Servers Ac	Ivanced	
Work Directory:	C:\Documents and Settings\All Users\Application Data\Noventri\Server\	
Log Directory:	C:\Documents and Settings\All Users\Application Data\Noventri\Server\	
Current Password:		
New Password:		
Confirm New Password:		
Administration Ports	20939	
Remote Administration:		
Start Tray on Boot:		
	Cancel Ap	ply
localhost:20939		

Start Tray on Boot – When the Start Tray on Boot option is selected, the Server Manager Tray will automatically open (on boot up) and be hidden to the Windows Start Tray.

🎒 Noventri Server Ma	nager	- 0 >
<u>E</u> ile Help		
Servers A	dvanced	
Work Directory:	C:\Documents and Settings\All Users\Application Data\Noventri\Server\	
Log Directory:	C:\Documents and Settings\All Users\Application Data\Noventri\Server\	
Current Password:		
New Password:		
Confirm New Password:		
Administration Port:	20939	
Remote Administration:		
Start Tray on Boot:		
	Cancel Ap	ply
localhost:20939		

Apply/Cancel - Once all the information is correct in Noventri Server Manager main window (Servers tab and Advanced tab), select the Apply button to save, or to close the window without saving, select the Cancel button.

Toolbar

The toolbar commands for the **Server Manager Login Window** and the **Server Manager Main Window** are basically the same.

File > Hide to Tray – This option will close the window, and cause the Server Manager Tray icon to be displayed in the Windows System Tray.

🌍 Noventri Server Ma	anager	
File Help		
Hide to Tray	bost	20020
Exic Alt-F4	linosc	- 20939
Password:		
	Cancel	Login

File Help	manager	_	_		
Hide to Tray	Dince	ed			
Evit Altur	-4	Name	Port	Sync Interval	Status
EAR HR	÷	New Server	20942	900	Running
Stop		New Server	20940	900	Running
Restart					
Add Server					
Remove Server					
Browse Files					
Browse Logs	•				
				Cancel	Apply

File > Exit – This option will also close the window, however the Exit option will truly close the Server Manager Tray application and its icon will not be displayed in the Windows System Tray. The keys Alt-F4 can also be used.

	🛞 Novei	ntri Server Mai	nager				_ 🗆 🗵
	File Help)					
	Hide to) Tray	anced				
	Evit	Alt-E4		Name	Port	Sync Interval	Status
	LAN	PICT		New Server	20942	900	Running
		- qo		New Server	20940	900	Running
Noventri Server Manager Image: Imag	Re Add Brow: Brow:	start Server e Server					
Cancel Login						Cancel	Apply
	ļ					J	1.

File > Logout – This option will close the Server Manager Main Window and return to the Server Manager Login Window.

🐯 Noventri Server	Manager				- 🗆 🗵
File Help					
Hido to Trou	anced				
Logout		Name	Port	Sync Interval	Status
Exe mich		New Server	20942	900	Running
Stop	V	New Server	20940	900	Running
Restart					
Add Server					
Remove Server					
Browse Files					
Browse Logs	•				F
				Cancel	Apply
					1.

Help > Check for Updates – This option will direct you to the Noventri web site, www.noventri.com/forum where the current Noventri Server Software can be downloaded.

🛞 N	oventri Server Manager		
File	Help		
Ç	Check for Updates		20939
	Noventri Support About	F1	
	Cancel		Login

Help > Noventri Support – This option will direct you to the **Support Center** on our web site: <u>www.noventri.com/forum</u>.

(oventri Server Manager	
File	Help	
Se	Check for Updates Provide Day on Proquest a Feature Noventri Support	20939
	Hout F1	ogin

Help > About – This option will open a window that shows the current Contact information for Noventri, License Agreement, and the Noventri Server – Version being used. The F1 key can also be used.

😒 Noventri Server Manager	- D ×	Noventri Server Manager	×
File Help		Contact License Version	
Check for Updates Report a Bug or Request a Feature Noventri Sunnort About F1	20939	Copyright (C) 2007-2013 Noventri 20940 Twin Springs Drive Smithsburg, MD 21783-1510 USA	
Cancel	igin	301-790-0103 301-790-0173(Fax) www.noventri.com	

Chapter 5: Network Considerations

Network Considerations - Summary

Active access to files across a network by the **Noventri Server** is allowed only if Windows service properties are configured correctly. Files that need to be actively accessed across a network include **Database Files** and also any **Image** or **Text** files that are chosen to *not* be copied to the **Server**.

Windows service properties need to be configured so the **Server** is allowed access to the files on a regular basis. This is done by setting the **Service Manager** "server" (service) to **User** instead of **Local System**.

Windows Service - General

If a **Service** is automatically started (when the computer is turned on) the default state of the **Service** will be to run as a **Local System - Service**. Any **Process** started by the **Service** will run as a **System -Process**. In this state they will not have permission to access files across the network.

To have permission to access files across the network, the **Service** needs to run as a **User – Service** instead of a **Local System – Service**. This in turn will cause its **Process** to run as a **User – Process** instead of a **System – Process**.

A **Service** and therefore its **Process** will run in a **User** state if it is started manually, or if it is specifically configured to automatically start (when the computer is turned on) as a **User – Service**.

Noventri Server Manager – System Service/Process

When the **Noventri Server** components are installed, the **Server Manager** is will automatically run as a Windows Service (when the computer is turned on) and by default will be a **Local System – Service** and therefore a **System - Process** also. Any *main* **Noventri Servers** managed by this **Server Manager** will have the same permission limitations.

Service state can be seen in the Windows Service window... Start > Settings > Control Panel > Administrative Tools > Services > Noventri Server Manager

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Services (Local)	Services (Local)	22					
	Noventri Service Hanager	None /	Description	Ratus	Sartup Type	Log On As	
		Network DOE DSDM	Manages D		Desabled	Local System	
	Stop the service	SNetwork Location A	Collects an		Disabled	Local System	
	Restart the service	Network Provisionan	Manages X		Manual	ou system	
		Noverbi Service M	Manages N.L.	Started	Automatic	Local System	
	Description:	SNT LM Security Sup	Provides s		Disabled	Local System	·
	Manages Noventri Servier instances	Goffice Source Engine	Saves inst		Manual	Local System	
		Performance Logs	Collects pe		Disabled	Network S	
		Calbraney.	Inomher ut		Frienhlard	Local Sustem	
	Extended & Renderd /						

Process state can be seen in the Windows Task Manager window...

Ctrl+Alt+Del > Processes > NDS_SM.exe

	Vindows Task Mana	iger				
Eile	Options View Sh	ut Down Help				
Ap	plications Processes	Performance Netw	orking Users	1		
	Tenano Mana	Lines Marrie	Sessien ID	CDU	Manullanan	
	Skype.exe	User	0	00	85,436 K	
	ccApp.exe	User	0	00	540 K	
	NDS_SM.exe	SYSTEM	Ŭ	00	2,904 K 7,936 K	
	svchost.exe	LOCAL SEP LICE	0	00	19,804 K	

Noventri Server Manager – User Service/Process

To change the **Noventri Server Manager** to automatically run (when the computer is turned on) with its **Service** and **Process** in a **User** state, and therefore be allowed permission to access files over the network, the **Service** properties have to be updated.

Navigate to the **Service**...

Start > Settings > Control Panel > Administrative Tools > Services > Noventri Server Manager

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Services (Local)	Services (Local)	2				
	Novembri Sancica Manager	Nate	Description Status	Satur Type	Log On As	
	and the second s	Network DOE DSDM	Manages D	Desabled	Local System	
	Stag the service Interview Collects an Disabled Lo	Local System				
	Restw1 the service	Galaria and an and an	Honor Parages X Honor	A COLORADO A		
		Noventri Service M	Manages N., Started	Automatic	Local System	
	Description:	A NEW SHOULD SUD.	Provides s	Disabled	Local Sustain	
	Manages Noventri Server instances	Ciffice Source Engine	201029-0-04111	110.008	Local System	
		Performance Logs	Collects pe	Disabled	Network 5	
		Calthranty	Toomher ui	Exception	Local Sustem	
	Extended / Standard /					

Double click on it to open its properties window then select the Log On tab...

Noventri Service Manager Pi	roperties (Local Computer)
General Log On Recovery	Dependencies
Log on as:	
Local System account	
Allow service to intera	ct with desktop
C <u>I</u> his account:	Browse
Password:	
Confirm password:	
Variation and the statistical statistical statistics and the statistics an	e e en de se de se de se de se de la Casa de se de
Hardware Profile	Service for the naroware profiles listed below.
Profile 1	Enabled
	Enable Disable
	OK Cancel Apply

Select the *This Account* radio button, fill in the account as **User**, and enter the computer Password, select Apply, and then OK.

Note: The account User will automatically be changed to the correct format once Apply is selected.

Noventri Service Mana	ger Properties (Local Comp	uter) <u>?X</u>
General Log On Ren	covery Dependencies	
Log on as:		
Local System according to Local System ac	ount o interact with desktop	
	user	Browse
Password:	•••••	
Confirm password:	•••••	
You can enable or dis-	able this service for the hardware	profiles listed below:
Hardware Profile		Service
Profile 1		Enabled
	Enable	Disable
	OK Car	ncel <u>A</u> pply

The **Service** will now need to be Stopped and re-Started under the General tab for the change to take effect...

Noventri Service M	lanager Properties (Local Computer)	<u>?</u> ×
General Log On	Recovery Dependencies	
Service name:	NoventriSM	
Display <u>n</u> ame:	Noventri Service Manager	
Description:	Manages Noventri Server instances	A
Path to executabl C:\Program Files\	e: Noventri\bin\NDS_SM.exe	
Startup type:	Automatic	•
Service status.	Stated	-
<u>S</u> tart	Stop Paus Besur	ne 🛛
You can specify t from nere.	he start parameters that uppy when you start the ser	rvice
Start parameters:		
	OK Cancel ,	Apply

The Service will now run as a *User* – Service instead of a Local System – Service and the Process will run as a *User* – Process instead of a System – Process. Database files or Image/Text files can now be actively accessed over the network without having to copy them to the Server.

Services							
Eile Action View	Help						
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Services (Local)	🍇 Services (Local)						
	Noventri Service Manager	Name 🛆	Description	Status	Startup Type	Log On As	
	-	🎨 Network DDE DSDM	Manages D		Disabled	Local System	
	Stop the service	🏶 Network Location A	Collects an		Disabled	Local System	
	Restart the service	🏶 Network Provisionin	Manages X		Manual	Local System	
		Noventri Service M	Manages N	Started	Automatic	.\user	
	Description:	🆓 NT LM Security Sup	Provides s		Disabled	Local System	
	Manages Noventri Server instances	🍓 Office Source Engine	Saves inst		Manual	Local System	
		🍓 Performance Logs	Collects pe		Disabled	Network S	_
	ļ	& Phoenix	Inscriber vi		Disabled	Local System	<u> </u>
	Extended / Standard /						

plications Process	es Performance Netw	orking Users			
Image Name	User Name	Session ID	CPU	Mem Usage	-
SmcGui.exe	User	0	02	6,428 K	
wuauclt.exe	SYSTEM	0	00	7,000 K	
Acrobat.exe 🥒	User	0	00	10,016 K	
NDS_Server exe	User	0	00	27,060 K	
WINWORD. XE	User	0	00	34,076 K	
mmc.exe	User	0	00	10,156 K	
NDS_SM.exe	User	0	00	7,040 K	
explorer.exe	User	0	00	18,200 K	
taskmgr.exe	User	0	00	4,900 K	
vsnpstd.exe	User	0	00	2,284 K	
spoolsv.exe	SYSTEM	0	00	9,108 K	
Skype.exe	User	0	00	61,852 K	
ccApp.exe	User	0	00	532 K	
ccSvcHst.exe	SYSTEM	0	00	2,992 K	
svchost.exe	LOCAL SERVICE	0	00	19,812 K	
winvnc4.exe	SYSTEM	0	00	3,608 K	
svchost.exe	NETWORK SERVICE	0	00	13,108 K	
Smc.exe	SYSTEM	0	01	7,652 K	
qmserv.exe	SYSTEM	0	00	1,108 K	
Show processes	from all users				End Process

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