

Installing AxtraxNG 27.5.X

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For more information please see

www.axtraxng.com

Description of AxtraxNG Software Components

AxtraxNG Client – is the user interface where all configuration information and changes are made.

AxtraxNG Server – runs in the background and provides the interface between the SQL Server, the panels and AxtraxNG client. It runs as a service and is started automatically when the system is started.

Axtraxng Server Monitor (formerly known as AxtraxNG Watchdog) – runs in the system tray, it provides a means of monitoring the AxtraxNG Server Service and displays ongoing status information. It starts automatically at system startup.

There are a number of other third party components which will also be installed such as well as the Microsoft SQL Server 2012 software.

Installation of AxtrexNG as an Upgrade

***** NOTICE *****

Beginning with Version 27.5.7.xx, SQL must be 2012 or later, older installs using SQL 2005 must be upgraded.

AxtrexNG 27.5 may be installed directly over AxtrexNG version 23.X or later as an upgrade. This means that you do not need to uninstall the existing software first and that the database will be automatically updated during the installation process however please note SQL Server 2005 is not supported. If the system being upgraded is running a version earlier than 23.x or was upgraded from an earlier version and is still running the older SQL 2005 then SQL must also be updated as described below. If you are upgrading from an older version please review the document on database management first.

Installation of AxtraxNG as an Upgrade contd

To determine the version of SQL server in use go to Control Panel, Programs and Features and look for “Microsoft SQL Server 2005”. If there is more than one version listed contact Technical Support before changing anything. Microsoft SQL Server 2012 will also have other components listed from Microsoft SQL Server 2008, this is normal and will work with the new software.

1. Open AxtraxNG and go to Tools, Database, Backup Now and do a backup.
2. Open Control Panel, Programs and Features, remove Microsoft SQL Server 2005 with the instance name Veritrax.
3. Reboot the PC before attempting the Installation of AxtraxNG.
4. Run the AxtraxNG installer as described later in this document, if you did not uninstall SQL 2005 it will import the database automatically, if SQL 2005 was removed then the databased backed up earlier must be manually imported after the install is complete.
5. When the installation is complete, open the client and import the database if required then update the firmware on all panels.

Network Requirements

The AtraxNG Server PC must be located on the same physical LAN and on the same LAN segment (same subnet) as the AC-825 panel(s) being managed to do initial configuration of the panel. Remote management of panels via the internet, over VPN or any other WAN type connections may be done once the initial configuration of the panel is completed locally. Remote Client is now supported, contact technical support for details on installing a Client at a remote (WAN connected) location.

The AtraxNG server software will utilize broadcast messages (ARP) and UDP traffic to configure the panel IP address. If either of these is blocked on the network the panel configuration will fail. Broadcast and UDP traffic must be allowed between the server PC and the panel(s).

The IP address of the AtraxNG server PC must be static as well as the IP address of the panel(s). A range of addresses should be reserved in the router so the DHCP server will not try to allocate an address to another device that has been used on the AtraxNG server or any of the panels.

The Firewall must be configured per the post installation instructions, these instructions apply to Windows 7 and 8 firewall settings only, third party products such as McAfee or Symantec are not supported and not recommended for use on the machine running AtraxNG Server.

Disclaimer: Rosslare Technical support does not recommend disabling the firewall, disabling the firewall does not suffice by itself, the rule must be added for full bidirectional communication.

Antivirus software may also cause issues, Microsoft Security Essentials is the ONLY antivirus software we have tested with and will support, if any other antivirus software is installed it must be disabled if any problems are encountered and it is up to the customer to resolve these issues.

PC Minimum requirements

- Operating System** Windows 7 SP1, Windows 8.1 or Windows 10
32 or 64 bit versions supported
Microsoft .NET framework 4.5 or later
- Processor** Minimum: Intel dual core 2.4 GHz or equivalent
Recommended: Intel core i5 or i7 CPU
- Memory** Minimum: 4 GB
Recommended: 8 GB
- Network** LAN card required for TCP/IP networking
- Hard Disk Space** 5 GB minimum

Begin the installation by extracting the installation package .ZIP file to a directory and browse to that directory or by browsing to the CDROM, SW, AXTRAXNG directory.

Right click on the *AxtraxNGSetup.....EXE* file and select “Run As Administrator”.

Follow the instructions on the subsequent screens to complete the installation.

AxTraxNG Setup



Extracting axtrax32GR.ico
Extracting AUTORUN.INF
Extracting CRRedist2008_x86.msi
Extracting hdd32.exe
Extracting SQLEXPRESS_x86_ENU.exe
Extracting setup.exe
Extracting dotNetFx40_Full_x86_x64.exe
Extracting dotnetfx35.exe

- Navigate to the directory where the file was extracted.
- Right Click the AxtraxNGSetup...EXE and select "Run as Administrator".

Destination folder

C:\Users\lbames\AppData\Local\Temp\RarSFX0

Browse...

Installation progress



Install

Cancel

Right click on the *AxtraxNGSetup.....EXE* file and select “**Run As Administrator**”.

On the following screen select the option to be installed.

At a minimum the **AxtraxNG Client** and **AxtraxNG Server with Server Monitor** must be installed to setup the system.

AxtraxNG Client only may be selected when installing the client on a second machine such as a security kiosk.

The Vitrax and LPR options install a camera server package which is described in a separate document. These options require an additional license purchase to use.

Once you select START the installation will begin, follow through selecting the default as shown in the following slides, do not change any file locations or other data, click NEXT, INSTALL or FINISH on each screen to advance the installer operation.

- Check the box "I Agree".
- Select Server with Server Monitor and Client.
- Click Start.

AxTraxNG Installation Version 27.5.4.3

AxTraxNG Server and Client Requirements:

Operating System	Windows 7 (32/64 bits) SP1
Processor	Minimum: Intel Dual core 2.4 GHz or Equivalent Recommended: Intel core i5 or i7 CPU
Memory	Minimum: 2 GB Recommended: 8 GB
Network	LAN card required for TCP/IP networking
Hard Disk Space	5 GB minimum

SQL- Server Express Requirements:

Processor	Pentium 4 or better
Memory	2 GB
Hard Disk Space	4 GB

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I agree

Select your installation configuration and press Start button

- AxTraxNG Server with Server Monitor Vitrax version 2.5.2.765
 AxTraxNG Client Vitrax LPR version 1.9
 Server Monitor

Start

Close

SQL Server Installation

Depending on the installation type SQL Server may or may not need to be installed.

UPGRADE - If AxtraxNG is being installed as an upgrade over AxtraxNG version 23.X or later with SQL 2012 you will not be prompted to install SQL Server, the installer will attach to the existing database and do the import.

NEW INSTALL NO SQL – if the machine has no existing version of SQL Server installed you will get the screen shown on the next slide. Simply leave “Install as Default” selected and click next. If this is an upgrade and you removed SQL 2005 then select “Install as Default”.

NEW INSTALL WITH EXISTING SQL – if there is already an instance of SQL server installed that must be kept select “Custom”. This will do a complete install of a new dedicated instance of SQL Server 2012 without disturbing the existing SQL Server installation. You may mix SQL Server 2008 and 2012 on the same machine.

Options

 Default - the setup will install the following components: SQL Express 2012 Axtrex1 Database Custom (the user can either use an existing instance and database or create a new one)

Instances

Server Name	Instance Name
(local)	

Server Name

(local)

Instance Name

Authentication

Windows Authentication

User Name

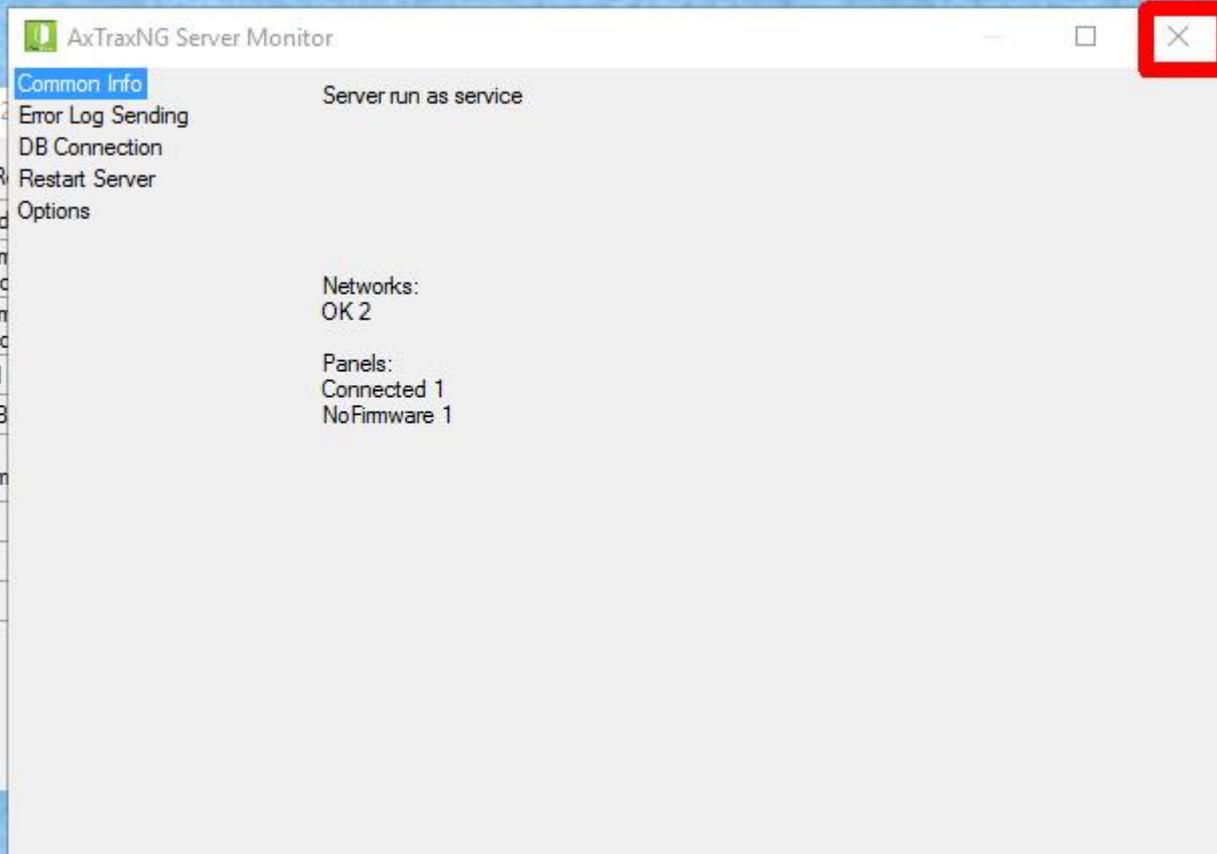
Password

 Skip the SQL Server 2012 installation (does not install SQL Server 2012 and uses instance currently associated to AxTraxNG)

- Leave the option Install as Default as shown. This will install SQL Server 2012 in it's default configuration with no further user intervention.
- Click OK to continue.
- When the installation is complete "Done" will appear in the lower portion of the window.

Go

Select OK to close the window then select Close on the main installation window. You also close the Server Monitor by clicking on the red X at the top right. Restarting the PC is no longer required.



Post Installation

There are additional steps which are required after the installation finishes.

- Open the firewall for bidirectional traffic to the AxtrexNG Server.

Navigate to the directory where the AxtraxNG setup package was downloaded and extracted, usually Downloads\AxtraxNG_27_5_.....

Right click on the file “firewall.cmd” and select “Run as administrator.”

The firewall rule should now appear in the Windows Firewall configuration.

