

AxiomXa[™] Security System

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Number: 91

AxiomXa™ Pro Version Installation

PC Requirements

Before you install AxiomXa[™], make sure that your computer's configuration meets the following **<u>minimum</u>** requirements:

<u>Server</u>

Requirement	Description
Operating system ¹	Microsoft Windows10, Server 2016 and higher
Microprocessor	Intel Core i7 3.4 GHz
Memory	16GB (minimum), 32GB (recommended)
Hard disk space	500Gb free space to run

<u>Client</u>

Requirement	Description
Operating system ¹	Microsoft Windows10, Server 2016 and higher
Microprocessor	Intel Core i7 3.4 GHz
Memory	8GB (minimum), 16GB (recommended)
Hard disk space	500Gb free space

¹ Only 64 bit operating systems are supported, 'Home' versions of operating systems are not supported and all operating systems should be up to date with windows updates.

AxiomXa[™] Professional Version Server Installation

Run the installation as Administrator.

Name	Date modified
IISRootFolder	3/28/2018 3:44 PM
ISSetupPrerequisites	3/28/2018 3:45 PM
program files	3/28/2018 3:45 PM
Program Files Folder	3/28/2018 3:46 PM
System32	3/28/2018 3:44 PM
🔊 0x0409	3/21/2016 1:04 PM
😽 AxiomXA Security System	3/28/2018 3:41 PM
🚳 gdiplus.dll	2/26/2004 7:33 PM
🚳 ISSetup.dll	3/28/2018 3:41 PM
🖏 setun	3/28/2018-3:41 PM
Setu Open	3:41 PM
📄 setu 🌻 Run as administrator	2:05 PM
Troubleshoot compatibility	
Scan with Windows Defender	
Always available offline	

Depending upon the operating system of the machine, the installation window would show the list of pending programs required (prerequisite) to install AxiomXa[™] Security System.

AxiomXA	Security System - InstallShield Wizard
ئ	AxiomXA Security System requires the following items to be installed on your computer. Click Install to begin installing these requirements.
Status	Requirement
Pending	Microsoft SQL Server 2017 Express (x64)
	Install Cancel

AxiomXa[™] installation starts with *Microsoft SQL Server 2017 Express (64)* installation.

AxiomXA S	ecurity	System - InstallShield Wizard	
Ci	tiomXA S ck Insta	Security System requires the following items to be installed on your computer. Il to begin installing these requirements.	
Status	Requir	ement]
Installing	Micros	Choose Directory For Extracted Files X	
Installing M	licrosofo	Choose Directory For Extracted Files t SQL Server 2017 Express(x64)\SQLEXPR_x64_ENU\ Ok Cancel Browse	
		Install Cancel]

After SQL Express 2017 is installed, it starts the *CodeMeter Runtime* installation, which is a prerequisite for $AxiomXa^{TM}$ Licensing Activation.

AxiomXA Security System - Ins	tallShield Wizard	🙀 CodeMeter Runtime Kit Re	duced v6.60a Setup — 🗆 🗙
2	Preparing to Install		Welcome to the CodeMeter Runtime Kit
	AxiomXA Security System Setu Wizard, which will guide you th process. Please wait.		Reduced v6.60a Setup Wizard
	Installing CodeMeterRuntime	Contraction of the second seco	This will install CodeMeter Runtime Kit Reduced v6.60a on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
			Back Next Cancel

Follow the On screens' prompts to install CodeMeter Runtime Kit.



Clicking on *Finish* button will continue with rest of the *AxiomXa[™]* installation, one of which is setting up IIS (Windows' features) automatically required for running AxiomXa[™] security system.



After setting up windows' feature, installation will continue installing AxiomXa[™]

Click Next to accept Licensing Agreement.



Click on *Next* to continue installation.

AxiomXA Security System - InstallShi	eld Wizard	×
Customer Information Please en ry your information.		
	Please enter your name and the name of the company for which you work. User Name:	
	RBH Company Name: RBH	
	< <u>B</u> ack <u>N</u> ext > Cancel	1

Select Complete setup type and click on Next



AxiomXA Security System - InstallS	hield Wizard	×
Database Server Login Select database server and authe	intication method	
	Connection Name: AxiomConnection Database server that you are installing to: (Local)\RBHSystem	Ƴ B <u>r</u> owse
	Connect using: Windows authentication SQL Server authentication using Login ID and password below Login ID: Sa	
	Password:	
InstallShield	< <u>B</u> ack <u>N</u> ext >	Cancel

Accept the Default Axiom database connection information or change as required in above screen and click *Next*.



Click on Install to continue.



A progress bar will show the progress of installing AxiomXa[™] System.



A Restart of the machine is required. Click on *Finish* button to finish installation of Application and restart of the machine.

Exceptions required for Windows Firewall

If Windows Firewall is ON on server machine, we need to have some exceptions on server side for any remote clients to connect.

Please make sure the following exception are added in Firewall if not already added by installation.

1. Enable **File and Printer Sharing (Eco Request – ICMPv4-In)** in Inbound Rules of windows Firewall.



2. Enable *File and Printer Sharing (NB name in)*

Image: Windows Defender Firewall with Advanced Security					
File Action View Help					
Windows Defender Firewall with	Inbound Rules				
Outbound Rules	Name		Group	Profile	Enal ^
Connection Security Rules	🔮 Core Networking - Parameter Probl	em (ICMPv6-In)	Core Networking	All	Yes
Monitoring	🔮 Core Networking - Router Advertise	ement (ICMPv6-In)	Core Networking	All	Yes
2 · ··································	🧭 Core Networking - Router Solicitatio	on (ICMPv6-In)	Core Networking	All	Yes
	🔇 Core Networking - Teredo (UDP-In)		Core Networking	All	Yes
	🔇 Core Networking - Time Exceeded ((ICMPv6-In)	Core Networking	All	Yes
	🔮 Cortana		Cortana	Domai	Yes
	🔇 Delivery Optimization (TCP-In)		Delivery Optimization	All	Yes
	🧭 Delivery Optimization (UDP-In)		Delivery Optimization	All	Yes
	🧭 DIAL protocol server (HTTP-In)		DIAL protocol server	Domain	Yes
	🔇 DIAL protocol server (HTTP-In)		DIAL protocol server	Private	Yes
	Distributed Transaction Coordinato	r (RPC)	Distributed Transaction Coo	Private	No
	Distributed Transaction Coordinato	r (RPC)	Distributed Transaction Coo	Domain	No
	Distributed Transaction Coordinato	r (RPC-EPMAP)	Distributed Transaction Coo	Domain	No
	Distributed Transaction Coordinator (RPC-EPMAP)		Distributed Transaction Coo	Private	No
	Distributed Transaction Coordinator (TCP-In)		Distributed Transaction Coo	Domain	No
	Distributed Transaction Coordinator (TCP-In)		Distributed Transaction Coo	Private	No
	🥑 Feedback Hub		Feedback Hub	Domai	Yes
	🧭 File and Printer Sharing (Echo Requ	est - ICMPv4-In)	File and Printer Sharing	Private	Yes
	🧭 File and Printer Sharing (Echo Requ	est - ICMPv4-In)	File and Printer Sharing	Domain	Yes
	File and Printer Sharing (Echo Requ	est - ICMPv6-In)	File and Printer Sharing	Private	No
	File and Printer Sharing (Echo Requ	est - ICMPv6-In)	File and Printer Sharing	Domain	No
	File and Printer Sharing (LLMNR-UD)P-In)	File and Printer Sharing	All	No
	File and Printer Sharing (NB-Datagr	am-In)	File and Printer Sharing	Private	No
	File and Printer Sharing (NB-Datagr	am-In)	File and Printer Sharing	Domain	No
	File and Printer Sharing (NB-Name-	(n)	File and Printer Sharing	Private	No
	File and Printer Sharing (NB-Na	Enable Rule	File and Printer Sharing	Domain	No
	File and Printer Sharing (NB-Ses	Cut	File and Printer Sharing	Private	No
	File and Printer Sharing (NB-Ses	Сору	File and Printer Sharing	Domain	No
	File and Printer Sharing (SMB-Ir	Delete	File and Printer Sharing	Domain	No
	File and Printer Sharing (SMB-Ir	Delete	File and Printer Sharing	Private	No
	File and Printer Sharing (Spoole	Properties	File and Printer Sharing	Private	No
< >>	File and Printer Sharing (Spoole	Help	File and Printer Sharing	Domain	No ¥

Log In

Double click on AxiomXa[™] Icon at the desktop to Log in.

	N Security Management System
Login ID :	rbh
Password :	•••••
	● Tile View ○ Standard View
	OK Cancel

AxiomXa[™] security system is now ready to configure in the Tile view and/or in the Standard view.



Tile View

Standard View



AxiomXaTM system software comes with 14 days trial license, after which the system will not run unless user registers with RBH and activates the License. Registration and Activation can be done any time during the trial period as well. Follow the instructions in *AxiomXa Registration Activation.pdf* to register and activate.

AxiomXa[™] Professional Version Remote Client Installation

Like Axiom XA Professional Server, Run the Remote client installation as Administrator.

Name	Date modified
ISSetupPrerequisites	7/18/2019 12:49
🌗 program files	7/18/2019 12:49
🌗 Program Files Folder	7/18/2019 12:49
System32	7/18/2019 12:49
🗿 0x0409	3/21/2016 1:04
🛃 AxiomXA Client	7/18/2019 12:46
🚳 gdiplus.dll	2/26/2004 7:33
SSetup.dll	7/18/2019 12:45
Open () Run as administra	ator

Depending upon the operating system of the machine, the installation window would show the list of pending programs required (prerequisite) to install AxiomXa[™] Security System. And if prerequisite are already part of operating system, will start with installation of code meter (third party software for Licensing)



Finishing Code Meter, installation will continue with Remote client installation.

Follow on screen Prompts to continue till get client configuration window:



	AXIOMAA CIIENT - INSTANSINEIO WIZAIO	
Customer Information Please enter your information.		
	Please enter your name and the name of the company for which you work.	
	User Name:	
	Windows User	
	Company Name: RBH	
InstallShield	< Back Next > Cancel	



From the drop down menu select the Data server machine name or type in either the name or IP address of server machine



Click on Configure, and then Continue to finish installation of Axiom XA Remote client.

(
F	lease enter Data Server information.
	Machine Name: 125.100.75.42
	Port Number: 9090 Default
	Continue
. 1 8	ress (Contine) to proceed
	AxiomXA Client - InstallShield Wizard
	InstallShield Wizard Complete
	The InstallShield Wizard has successfully installed AxiomXA Client. Click Finish to exit the wizard.
_	_
	< Back Finish Cancel

Click on *Finish* and reboot the machine.

Firewall exceptions are required on Remote client machine are same as on Server machine (Follow the instructions from <u>Exceptions required for Windows Firewall</u>)

Ports Used by AxiomXa[™] installation

All the ports used by AxiomXa system are already excluded in Windows F	irewall.
Following are the Ports used By AxiomXa system	
AxiomXa Data Service	9090
AxiomXa WebClient	60002
AxiomXa connection port for all AxiomXa related windows services	8012
Callback port used by Client Application	1121

Ports used by CodeMeter Licensing System

Ports 22350-22352 are used by CodeMeter.

AxiomXa[™] Professional Version Current upgrade

Once installed, both Server and Remote clients need to be upgraded to the latest version. Run the latest upgrade package as an Administrator.



Follow on-screen instructions to continue upgrade.

2	AxiomXA Upgrade - InstallShield Wizard
Extracti The	ing Files contents of this package are being extracted.
Plea Upgr	se wait while the InstallShield Wizard extracts the files needed to install AxiomXA ade on your computer. This may take a few moments.
Read	ding contents of package
nstallShield -	< Back Nevt > Cancel
	< Back Next > Cancel



Make sure that the path selected for AxiomXa installation folder is correct before clicking on *Start* button.



Upgrade package recognizes if the server or remote client is installed on Machine, and accordingly installs/upgrades the files required.

If any other related AxiomXa installations are found on Axiom XA server machine, like AxiomXa web client, AxiomXa API or Mobile installation, those installations are also upgraded with the upgrade packages.



One of the recent upgrade is also updating the code meter version (from v6.60 to v7.20). Follow the on screen instruction for that update as well.

Reboot the machine after finishing the upgrade package,