

Technical Bulletin

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Number: 95 Installing Integra32[™] V5.1.5R5.0/V5.1.10R5.0

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Before You Begin

This document describes the process required to install Integra32[™]V5.1.5R5.0/V5.1.10R5.0 software on your computer.

Before you run the installation please read the <u>*Pre-Installation Considerations*</u> for any additional information that may affect your installation.

1. Pre-Installation Considerations

1.1. Computer Requirements

Before you install Integra32[™] V5.1.5R5.0/V5.1.10R5.0 make sure that your computer's configuration meets the following requirements:

<u>Server</u>

Requirement	Description
Operating system ¹	Windows 10, Windows 11, Windows Server 2012R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022
Microprocessor (CPU)	Intel Core i5 and equivalent
Memory	4GB (minimum), 8GB (recommended)
Hard disk space	2Gb (Installation), 20Gb free space (to run) 100GB if running RBHView as well

Client

Requirement	Description
Operating system ¹	Windows 10, Windows 11, Windows Server 2012R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022
Microprocessor (CPU)	Intel Core i5 and equivalent
Memory	2GB (minimum), 4GB (recommended)
Hard disk space	1GB(Installation)

¹ No Home Editions are supported.

- ✓ The user installing the Integra32[™] system <u>must</u> have Administrator rights to the Operating System.
- ✓ System performance will be affected by the microprocessor speed. Higher speeds will enhance the performance of the system. Systems that utilize functions such as global antipassback or global links, as well as systems that use features with a lot of graphic content (such as displaying cardholder picture) should have higher microprocessor speeds to insure that the system doesn't bog down. The more features being used the higher microprocessor speeds will benefit the system.

2. Installation

Insert the Integra32[™] Installation CD-ROM into your CD-ROM drive. Windows should run the CD-ROM automatically, if not browse the CD and double click *Integra32_Startup.exe*.

2.1. Server

Before you install Integra32[™] software, makes sure that your Anti-Virus/Anti-Spyware software is temporary disabled.



Read through the instructions at each step before proceeding with the installation. Click on Install Server to install the Integra32[™] Security System Server.



Installation Instructions	×
PLEASE READ THE MANUAL! Home Editions of Windows are NOT supported	
 Install with Administrator's permissions Turn off Virus, Malware, Firewall protection Install for "All users", into default path 	
Name: rbh Password: password	
Install	

Follow the instructions on the install Wizard.

	ck Install to begin installing these requirements.
Status	Requirement
Installing	Microsoft .NET Framework 4.7.2 Full
100 million (100 million)	
161 (d. 187)	icrosoft NET Framework 4.7.2 Full

Integra Server installation starts with installation of .Net Framework 4.7.2, if it's already not part of operating system of the machine.

A restart of the machine is required after installation of .Net Framework 4.7.2. The message for restart will show up in installation. If not, please reboot the machine before continuing rest of the installation.

Integra32 Security System - InstallShield Wizard
egra32 Security System requires the following items to be installed on your computer. :k Install to begin installing these requirements.
Requirement
Microsoft .NET Framework 4.7.2 Full
Integra32 Security System - InstallShield Wizard
The installation of Integra32 Security System requires a reboot. Click Yes to restart now or No if you plan to restart later.
Yes No
Install Cancel



After restart, it starts back with the installation of code meter, which is a prerequisite for $Integra32^{TM}$ Licensing Activation.



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



Clicking on *Finish* button will continue with rest of the *Integra32[™]* installation.



Click Next.



Accept the license Agreement.

	Integra32 Security System - InstallShield Wizard	x
Customer Information Please enter your information.		
	Luser Name: RBH Company Name: RBH Install this application for: @ Anyone who uses this computer (all users) @ Only for <u>m</u> e (RBH)	
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel	

Click Next to continue.

	Integra32 Security System - InstallShield Wizard	×
Choose Destination Location Select folder where setup will insta		
	Setup will install Integra32 Security System in the following folder.	
	To install to this folder, click Next. To install to a different folder, click Browse and select another folder.	
	Destination Folder C:\Program Files (x86]\rbh\Integra32\	
		1
InstallShield	(Back Next) Cancel	

In <u>32bit Windows Operating systems</u> the Destination Folder will be: C:\Program Files\rbh\Integra32\.

Start Copying Files	Integra32 Security System - InstallShield Wizard	×
Review settings before copying file		
	Setup has enough information to start copying the program files. If you want to review or chan any settings, click Back. If you are satisfied with the settings, click Next to begin copying files. Current Settings:	ge
	User: RBH	~
InstallShield	< <u>B</u> ack <u>Next</u> Cancel	

Keep clicking Next on the installation screens until the installation is finished.

	Integra32 Security System - InstallShield Wizard	×
Setup Status		
	Integra32 Security System is configuring your new software installation.	
	Copying new files	
InstallShield	Cancel	



Click on *Finish* to complete installation.

After installing the software, be sure to install the latest service pack.

2.1.1 Sharing & Security

Browse to the C:\Program Files\rbh\Integra32 folder [in 64-bit OS, the path is: C:\Program Files (x86)\rbh\Integra32\] and right-mouse-click, choose *Properties*. Select the *Sharing* tab.

Click on the Advanced Sharing button.

🗼 Integra32 Properties 🛛 💽		
General Sharing Security Previous Versions Customize		
Network File and Folder Sharing		
Integra 32 Not Shared		
Network Path: Not Shared		
Share		
Advanced Sharing Set custom permissions, create multiple shares, and set other advanced sharing options.		
OK Cancel Apply		

Click on the *Permissions* button.

Advanced Sharing
Share this folder
Settings
S <u>h</u> are name:
Integra32
Add Remove
Limit the number of simultaneous users to: 20
Comments:
Permissions Caching
OK Cancel Apply

2.1.1.1 General

For General Security (*not High Security*) standalone Integra32[™] Server configuration, the following settings could be applied in the *Sharing* and *Security* tabs.

Permissions for Integra32		
Share Permissions		
Group or user names:		
Serveryone		
	Add	Remove
Permissions for Everyone	Allow	Deny
Full Control		
Change	\checkmark	
Read	v	
Learn about access control and pe	emissions	

🚶 Permissions for Integra32		—
Security		
Object name: C:\Program Files\	rbh\Integra32	
<u>G</u> roup or user names:		
& CREATOR OWNER		
SYSTEM .		
Administrators (Testing12win7	∿Administrators)	
Users (Testing12win7\Users)		
M InstedInstaller		
	A <u>d</u> d	Remove
Permissions for Users	Allow	Deny
Full control		
Modify	V	
Read & execute	1	
List folder contents	1	
Read	1	
Learn about access control and pe	emissions	
ОК	Cancel	Apply

2.1.1.2 Specific User

To set *secure access* to Integra32 databases on the network, with limited access only to specific users, (as shown for the Tester_1 user in this example) the following configuration in the Sharing and Security tabs is recommended.

Permissions for Integra32	×	Permissions for Integra32	×
Share Permissions		Share Permissions	
Group or user names:		Group or user names: Everyone Tester_1 (Tester_1@Test	ing.local)
Add	ove		A <u>d</u> d <u>R</u> emove
Permissions for Everyone Allow Dem	y	Permissions for Tester_1	Allow Deny
Change Read		Change Read	
Learn about access control and permissions		Learn about access control an	d permissions
OK Cancel	Apply	ОК	Cancel Apply

Integra32 Properties X
General Sharing Security Previous Versions Customize
Object name: C:\Program Files\RBH\Integra32
<u>G</u> roup or user names:
& CREATOR OWNER
& SYSTEM
Tester_1 (Tester_1@Testing.local)
Administrators (TESTING8W/2K8X32\Administrators)
To change permissions, click Edit.
Permissions for Tester_1 Allow Deny
Full control
Modify 🗸
Read & execute 🗸
List folder contents 🗸
Read 🗸 🚽
Write 🗸 💌
For special permissions or advanced settings, <u>Advanced</u>
Learn about access control and permissions
Close Cancel Apply

Don't forget to check and set your Windows Firewall properly (or any third party firewall software) on your computer where Integra32[™] Server is installed. Windows Firewall exceptions are taken care in the installation itself.

2.1.2 Ports used by Integra32 R5 installation

Integra32 server and message server are excluded in Windows Firewall, but their respective ports aren't.

Sometimes those ports need to be opened for a remote clients to be able to communicate with server.

Following are the Ports used by:

Remote Clients to communicate with Integra32 Server	2000-2003
Code Meter Licensing system	22350-22352
Integra Software to communicate with panels	3002

2.2. Client

Click on Install Client to install a remote client for the Integra32[™] Security System.





Follow the On screens' prompts to install Integra32[™] Client.

At the Server Configuration screen:

Integra32 Security System (Client) - I	nstallShield Wizard	8
Setup Status		
	Integra32 Security System (Client) is configuring your new software installation.	
InstallShield	Cancel	

Make sure to put in the right server name and path in the server configuration window. The path is the Integra 32 folder on the server machine, which should be shared as shown above, and click on *Register* to finish Integra32 Client installation

In Workgroup environments and with different Windows' users logging on to different machines, It may be necessary to add the Windows user account on the client PCs to the Server machine with the same user name and password. This way when the client connects to the share, the account will be authenticated properly. Mapped drives may cause issues.

۲	Server Configuration ×
F	Server Name
Server Fo	lder Path rname\Integra32
	Register

After installing the software, be sure to install the latest service pack.

Remote clients need to be the same software version as the server they connect to.

Intega32[™] 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 *Integra32 Registration Activation.pdf* to register and activate.

Log on to the Integra32[™] security system by using the default user ID and password.

	Connect to Server
	Axiom_Lite* Integra
	Login Name: rbh
	Password:
4	Server: Default
RBH	



Clicking OK will bring up the screen for 14 days Trial license

2.3 Communications Modules



This selection will open the *Communications Module* folder on the CD. Drivers, documents, and utilities for the indicated devices can be found here.

2.4 Software Updates



Select Install Software Updates and then double click the appropriate upgrade.



2.5 Manuals



View Manuals will provide a list of available documents. Double click a document to open it. A PDF Viewer is included for viewing the documents for those who don't already have one.



2.6 Content of this CD



View **Content of this CD** will open a browse window for the CD.

3 Uninstall

If you try to install the server where it already exists you will get the following screen. To uninstall the system select <u>*Remove*</u> and click <u>*Next*</u>.



Integra32[™] can also be removed from the operating system's add/remove program screen.