

Remote Programming Software (RPS)

D5500CU



en Installation Guide

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1 Introduction

Remote Programming Software (RPS) is an account management and control panel programming utility for Microsoft Windows operating systems. Operators can perform remote programming, account storage, remote control, and diagnostics for specific control panels.

1.1 About documentation

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Related documentation

The Release Notes provide information about RPS that became available after the release of this manual. The Release Notes list the control panels that are compatible with RPS. Refer to RPS Help for detailed instructions about how to program each of your control panel's parameters using Remote Programming Software.

2 Overview

Before you install RPS for the first time, review this document in its entirety to understand your installation options.



Notice!

Windows admin rights required for RPS installation

To install or upgrade RPS, you must have Windows admin rights on the target computer. Once RPS is installed or upgraded, RPS operators do not need administrative rights to use RPS.

3 Download first

Before installing RPS for the first time or upgrading to the latest version, download the RPS installation file first (RPS v6.xx.exe).

- 1. When the download is complete, copy the downloaded file (RPS_v6.xx.exe) to your desktop.
- 2. Double-click the file on your desktop to begin the extraction process.
- 3. Click **Extract**.

2 7-Zip self-extracting archive	e	23
Extract to: C:\Users\pnk2fp\Desktop\		
	Extract	Cancel

The extraction process creates a folder on your desktop, RPS-Installation-Files. Go to *Install RPS, page 7* to install RPS.



4 Install RPS

You must download the latest version of RPS before you can begin the installation process. Follow the instructions in *Download first, page 6*.

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Notice!

Windows 32 bit operating systems

Microsoft SQL 2017 is not compatible with 32-bit operating systems. If your Windows operating system is 32-bit, the RPS installation will automatically install Microsoft SQL 2012.

4.1

Choose setup language, express install or advanced install

Start the installation process

- 1. Access the RPS-Installation-Files folder.
- 2. Right-click the **setup.exe** file and select **Run as Administrator**.

ile Edit View Tools Help		
Organize 🔹 Include in library 💌	Share with 👻 New folder	i≣ • 🔲 (
Public Recently Changed	Name	Date modified
🔁 Libraries	RAM II Exporter v00A	04-Feb-16 13:50 04-Feb-16 13:50
Documents	Windows File Protection Registry L ktras	lpdate 04-Feb-16 13:50 04-Feb-16 13:50
Pictures	autorun.inf	08-Dec-09 13:19 17-Mar-04 07:01
Videos	D9124Default.DSF	07-Apr-04 12:46
🐏 Computer 쮇 (C:) System Volume	winopen.exe	15-Jun-16 03:18 18-Jun-04 09:12

Choose the setup language

- 1. Choose a language for the RPS setup. The default is English.
- 2. Click Next.



Start setup process

Click **Next** to start the setup, which installs the required Sentinel Drivers.

RPS Installer - InstallShield Wizard	– 🗆 X
Preparing Setup	. dias
Please wait while the InstallShield Wizard prepares the setup.	
Installing Sentinel Drivers	
nstallShield	
	Cancel

Choose express or advanced installation

Choose the **Express Install** option if you are going to install RPS and the RPS database on the same computer in the default locations (folders).

Use the **Advanced Install** option when the RPS database will be shared among RPS workstations, or you want to install RPS and the database in folder locations other than the default folder locations.

To choose the Express Install, select **Express Install** and click **Next**. Go to *Express Install, page 10*.

RPS Installation	_		×
	Ø	BOS	СН
 Express Install Install the most common options, typical for a single Advanced Install Allows for every configurable option. All options dis installation process. Recommended for more experi NOTE: Microsoft SQL Server Express 2017 might request a a termination of the RPS installation. To resolve this issue, rerun the RPS installation. 	PC Instal played du enced use reboot. T reboot the	llation ring the er his would r system, th	esultin en
Back	Next	Ca	ncel

To choose Advanced Install, select **Advanced Install** and click **Next**. Go to *Advanced Install, page 13*.

RPS Installation		_		×
		Θ	BOS	СН
 C Express Install Install the most common options, Advanced Install Allows for every configurable opti installation process. Recommend NOTE: Microsoft SQL Server Express 20 a termination of the RPS installation. To r rerun the RPS installation. 	typical for a single on. All options dis ed for more experi 17 might request a esolve this issue,	PC Instal splayed du enced use a reboot. T reboot the	llation ring the er his would r system, th	esultin en
	Back	Next	Ca	ncel

Microsoft SQL versions support

If RPS is already installed with a SQL version prior to 2017 and your Windows version supports SQL 2017, there are 2 installation options:

- Yes exits the RPS Installation to allow you to do the backup and uninstall steps. After successfully completing these steps, rerun the RPS Installation to install RPS. Go to Modify, repair, or remove RPS, page 27 and RPS database backup and restore, page 24.
 - **No** continue the RPS Installation to upgrade RPS using the installed SQL version.

RPS Insta	llation	
2	SQL 2017 is available for 64-bit systems and will install during new RPS installs.To install SQL 2017 using RPS setup.exe: 1) Exit this Install 2) Save valid RPS backup file(s) using RPS 'File > Backup'. 3) Uninstall RPS and restart the RPS setup.exe 4) Complete your migration by restoring your backup file(s) using 'File > Restore' in the new RPS. Do you want to Exit the Installation.?	
	Yes No	

If your version of Windows does not support SQL 2017, the RPS Installation will automatically install SQL 2012 for installation or upgrade of RPS.

1

Notice!

Microsoft SQL might require restart

RPS uses Microsoft SQL Server to create and manage the RPS database. On some computers, the Microsoft SQL installation might require a computer restart. This interrupts the RPS installation. To resolve this issue, restart the computer, then rerun the RPS installation.

4.2 Express Install

Follow the instructions in each section below to complete the Express Install process.

Installation summary

The first window of the Express Install process shows a summary of how RPS will be installed. Click **Print** to print the summary for future reference. Click **Next** when you are ready to continue the installation process.

			a	BOSC
			0	
Installation Sum	mary:			
New SQL Instance N SQL Instance N SQL Authentica SQL User Name New RPS Datal SQL and RPS v Please print this This information	icce will be create lame: FP1086A8/ tion: Mixed Mode : sa pase: RPSDB will now be installe information for fu can also be four	d. D\BOSCHSQL ed. ture reference. id in the file C:/F	PSInstallation.L	og.
Print				

Choose a destination location

By default, the RPS setup process creates an RPS folder and installs RPS in it. Click **Next** to accept the default and continue, or click **Browse** to select another folder.

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Notice!

No spaces in folder name

Do not select a folder or directory with a space in its name (for example, "Program Files")

RPS - InstallShield Wizard	-	×
Choose Destination Location		
Select folder where Setup will install files.		BOSCH
Setup will install RPS in the following folder.		
To install to this folder, click Next. To install to a different folder, click Brow another folder.	ise and	select
⊂ Current Folder		
C:\RPS	E	Browse
InstallShield		
< Back Next	× 12	Cancel

Select control panels to support and unattended operation

In the Select Features window, choose the Bosch Control panels your RPS installation supports. The default is all Bosch control panels.

You can optionally choose to install the Unattended Operation feature.



Notice!

Windows Home versions do not support Unattended Operation

Home versions of Microsoft's Windows operating systems do not support Unattended Operation.

Click **Next** to continue the installation process.

Select Features Select the features setup will install.		BOS
Select the features you want to install, and des	elect t	he features you do not want to install.
Unattended Operation		Description
Core RPS Application Files Soft 26 ABS126 (New) BS5126 ABS126 (New) BS512 / BS512 (B4512 / B3512 DS412 / D3412 (D3412 / D3412 / D3412 / D2412 / D2412 / D2412 / D2412 DS412 / D2412 DS412 / D4112 DS412 / D4112	ш	Allows supported panels to perform unattended tasks such as history synchronization
🗹 DS7200		
587.77 MB of space required on the C drive 63083.20 MB of space available on the C drive allShield		

Select a program folder

By default, the RPS setup process creates a program folder for the Windows Start menu named "Bosch" (if one does not already exist), and adds RPS program icons to it. Click **Next** to accept the default and continue.

To create a new program folder for the Start menu with another name, enter the name in the **Program Folder** field, and click **Next** to continue.

To choose an existing program folder, select one from the **Existing Folders** List, and click **Next** to continue.



Notice!

No spaces in folder name

Do not select a folder or directory with a space in its name (for example, "Program Files")

Please select a program folder.		BOSC
Setup will add program icons to the Program Folder listed bel	ow. You may type a	new folder
Program Folder:	o continue.	
Bosch		
Existing Folders:		
7-Zip		*
AccXES		
Administrative Tools		
Adobe Design Standard CS5.5		
Adobe RoboHelp 9		
Bosch		*
Ishield		

Start copying files

At this point of the installation, the RPS setup process has all the information needed to copy files to the selected locations. Click **Next** to continue, or click **Back** to make changes.

Start Copying Files		
Review settings before copying files.		BOSC
Setup has enough informa change any settings, click copying files.	ion to start copying the program f Back. If you are satisfied with th	iles. If you want to review or e settings, click Next to begin
Current Settings:		
Install Location : Program Folder : Disk Space Available : Disk Space Required :	C:\RPS\ Bosch 64596796 K 625492 K	*
٠		v
tallShield ———		

Installation complete

Click **Finish** to complete the RPS installation. Restart your RPS computer and go to *Starting RPS the first time, page 19.*

BOSCH	InstallShield Wizard Complete
TA	The InstallShield Wizard has successfully installed RPS. Before you can use the program, you must restart your computer.
	 Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.

4.3 Advanced Install

Follow the instructions in each section below to complete the Advanced Install process and select:

- local or network RPS database installation
- new or existing SQL instance
- new or existing database

4.3.1 Choose local or network RPS database

Select **Local** to install, or use an existing, RPS database on the same computer as RPS. You can choose to share the database with other computers later in the setup process. Select **Network** to use an RPS database already installed on the network. You will choose the database later in the setup process.

Click **Next** to confirm your selection and continue.

RPS Installation	
	BOSCH
 Local The RPS database is located on this computer 	
C Network The RPS database is not on this computer, but computer on the network.	is located on another
Back Next	Cancel Help

4.3.2 Create new or select existing SQL instance

RPS uses an "instance" of Microsoft SQL Server to create and manage the RPS database. If you are installing RPS for the first time, you need to create a new SQL instance for RPS. Go to *Create new SQL instance, page 13*.

To use an existing SQL instance (RPS database), go to Use existing SQL instance, page 14.

4.3.3 Create new SQL instance

Select the **Share Database** check box to share the RPS database on the same computer as this SQL instance with other computers, and automatically start the SQL browser service. This service allows other computers to access the local SQL instance.

	BOSC
	Create a new SQL Server instance, or select an existing instance from the menu below.
QL Instances:	Create a new instance
7	Check this box if the RPS SQL database on this computer will be shared with other computers over a network.

Click **Next** to create the new SQL instance:

1. SQL Instance Name: BOSCHSQL

If BOSCHSQL is already used, the new instance is named BOSCHSQLn, where n = a number. For example, BOSCHSQL1.

- 2. Authentication: SQL Server Authentication
- 3. User Name: sa
- 4. **Password:** B@SCHRPSsql12345

Click **Next** to create the new SQL instance. Go to *Create new RPS database or use existing, page 14.*

4.3.4 Use existing SQL instance

1. On the SQL Instance window, select the appropriate SQL instance from the drop-down list. Authentication of the selected SQL instance starts.

RPS Installation	
	BOSCH
SQL Instances:	Select an existing SQL Server instance from the menu below. Enter or select an existing SQL instance 🗨
	Back Next Cancel Help

2. By default, Windows Authentication is used. If the authentication fails, you are prompted to use SQL Authentication.

To use SQL Authentication, check **SQL Authentication**, then enter your SQL user name (sa is the default) and password (B@SCHRPSsql12345 is the default).

3. Click **Next**. The RPS Database window opens. Go to *Create new RPS database or use existing, page 14*.

4.3.5 Create new RPS database or use existing

To create a new RPS database, select **Create** a new RPS database, then click **Next**. The installation process creates a database named RPSDB.

If RPSDB is already used, the new database is named RPSDBn, where n = a number. For example, RPSDB1.

RPS Databases:	Create a new RPS database, or select an existing database from the menu below.

To use an existing database, select one from the RPS Databases drop-down list, then click **Next**.

	BOSC
RPS Databases:	Create a new RPS database, or select an existing database from the menu below.

4.3.6 Installation Summary

The Installation Summary window shows how RPS will be installed.

- To change any settings, click **Back**.
- To print the installation summary for future reference, click **Print**.
- To continue the installation process, click **Next**.



Choose a destination location

By default, the RPS setup process creates an RPS folder and installs RPS in it. Click **Next** to accept the default and continue, or click **Browse** to select another folder.



Notice!

No spaces in folder name

Do not select a folder or directory with a space in its name (for example, "Program Files")



Select control panels to support and unattended operation

In the Select Features window, choose the Bosch Control panels your RPS installation supports. The default is all Bosch control panels.

You can optionally choose to install the Unattended Operation feature.



Notice!

Windows Home versions do not support Unattended Operation

Home versions of Microsoft's Windows operating systems do not support Unattended Operation.

Click **Next** to continue the installation process.

elect Features		O DOCC
Select the features setup will install.		BOSC
Select the features you want to install, and des	elect t	he features you do not want to install. Description Allows supported panels to perform
	ш	unatended tasks such as history synchronization
₩ D6112 / D4112 ₩ D8112 ₩ DS7200	+	
587.77 MB of space required on the C drive 63083.20 MB of space available on the C drive sll5hield		

Select a program folder

By default, the RPS setup process creates a program folder for the Windows Start menu named "Bosch" (if one does not already exist), and adds RPS program icons to it. Click **Next** to accept the default and continue.

To create a new program folder for the Start menu with another name, enter the name in the **Program Folder** field, and click **Next** to continue.

To choose an existing program folder, select one from the **Existing Folders** List, and click **Next** to continue.



Notice!

No spaces in folder name

Do not select a folder or directory with a space in its name (for example, "Program Files")

Select Program Folder	~
Please select a program folder.	
Setup will add program icons to the Program Folder list	sted below. You may type a new folder
Program Folder:	K NEW ID COMING.
Bosch	
Existing Folders:	
7-Zip	*
Accessones	
Administrative Tools	
Adobe Design Standard CS5.5	
Adobe RoboHelp 9	
Avaya Bosch	
allShield	

Start copying files

At this point of the installation, the RPS setup process has all the information needed to copy files to the selected locations. Click **Next** to continue, or click **Back** to make changes.

Setup has enough information to start copying the program files. If you want to rev change any settings, click Back. If you are satisfied with the settings, click Next to copying files. Current Settings.	iew or begin
Current Settings:	
0.000	
Install Location : C:VHPSA Program Folder : Bosch Disk Space Available : 64596796 K Disk Space Required : 625492 K	*
4	-

Installation complete

Click **Finish** to complete the RPS installation. Restart your RPS computer and go to *Starting RPS the first time, page 19*.

BOSC	H InstallShield Wizard Complete
The second	The InstallShield Wizard has successfully installed RPS. Before you can use the program, you must restart your computer.
	 Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
	< Back Finish Cancel

4.4 View the installation log file

During installation, RPS creates the **RPSInstallation.log** file, and logs the entire installation process in the file. The file is located in **X:\RPS\Logs** ("X" = the drive letter on the computer where RPS is installed).

Use the installation log file for troubleshooting purposes. The log file contains the following:

- All installation log entries with summary information
- Database file transfer information
- RPS database information



5 Starting RPS the first time

The sections that follow describe starting RPS for the first time for a new RPS installation. If you are starting RPS for the first time after upgrading to the latest version, enter your user name and password from the prevision version to log in and begin using RPS

5.1 Default Login

Use the default user name and password for your first log in. User Name: admin Password : default (or 1111)

Notice!



Reduce security risk, change the default password

The default user name and password are for an administrator operator with the highest security level (15). Operators with security level 15 have access to all RPS data and functions. To ensure security, change the password for the administrator operator as soon as possible. From the Lists menu, click Operators, and then press F1 for help.

View Links Logon Information Enter a user areas and password that is valid for the application. User Name Password Fut time use	
Logon Information Enter sure more and password that is valid for the application User Name Password Fitt time use	
Cancel Username admin Parawet data(tit)(11)11 Security Administrator Operates with To a rourse accurve, change the Press FL when veiving the Oper	ssword are for an ne highest Security Level. Password as soon as po erator List for help.

5.2 Configuration Assistant

When you log in to a new RPS installation for the first time, the Configuration Assistant automatically opens. The configuration assistant gathers the global RPS settings that configure RPS to support Bosch Cellular Services, Bosch Remote Connect (a Cloud-based Service), a Web Proxy, a VPN, and the RSC app for mobile devices.

- Hover your cursor over a section to learn about the settings that are included.
- Click the section to configure the settings.

When finished with the assistant, click Return to RPS.

/elcome. The confi onfiguration in one ach of the sections ections you wish to	guration assistant gas e convenient and easy to get a feeling of wh o configure.	thers many of the global settings for your -to-access place. Hover your mouse over hat is included in each. Click on the
Dealer	Web Proxy	Cloud Bosch cloud Remote Connect service allows
Cellular	Cloud	RPS and RSC to easily connect to control panels over the internet. To sign up for a new installer services account, go to installerservices.boschsecurity.com.
Callback	VPN	•

5.3 Account Assistant

The Account Assistant is the default view for creating and editing B Series control panel accounts for the administrator and new RPS operators.

The Account Assistant combines key parameters from the Panel Data - View and the Panel View to help operators quickly create or edit B series panel accounts in a single view.

Create a new B Series control panel account

To start, click the new (panel) icon in the Panel List toolbar. If this is the first new account in the list, a help bubble directs you to the icon.



Select a B Series control panel from the B Series panel group (B6512, B5512, B4512, B3512). Click **OK**.

Remote Progra	mming Software	B	DSC
Vew Panel Lat: Panel Name	Nev Exesting Template Image: Sector / Sector	Firmware Version	Unattende

Work through the Account Assistant chapters

Complete all of the chapters to create a panel account for a basic control panel installation.

Welcome 1/1	Welcome	
Account Info	Introduction	
Connections Area	The Account Assistant helps you quickly create or edit B Series panel accounts for firmware v3.02 or newer. For firmware	
Doors	v3.01 or previous, please configure in KPS Panel View.	
Points	navigation pane to the left. Use the Next and Back buttons at	
Outputs	the bottom of each page to navigate through the pages.	
Users	When you close the Account Assistant and need to relaunch it, do this from within the Panel List.	
Reporting		
Save	If you prefer using the Panel View for B Series account configuration, please edit this parameter within your RPS Operator settings.	
	Click Begin to get started.	
B6512: v3.XX		Begin

Edit accounts with the Account Assistant

To edit a B Series control panel account with the Account Assistant, right-click on the account in the Panel List. Click **Open Account Assistant**.

Remote I	rogram	ming S	oftwar	e				osc	H
} <u>दि</u> ∰ Q	by G	D0	_	_	_	_	0		
View Ponci Lis		<u> </u>	Links	-			-		11
Panel Name		Panel Type	Account #	Description	Contact	Cloud	Firmware Version	Unattende	-
B3612 v3.XX		53512	0000			Unregistered		No	
84512 V3.XX		B4512	0000			Unregistered		NO	
D0512 V3.XX		D0012	0000			Unregistered	8	No	d
B8512G	New			Ctrl+N		Unregistered		No	1
B9512G	Open Panel I	Data - View				Unregistered		No	
B9512G v	Open Accou	nt Assistant				Not supported	3.00.005	No	
D9112	Open Rapel I	Genu	8	Ctrl+O		Not supported		No	-
D9112B1	operParier			Curro		Not supported			
D9412,D9	Delete			Del		Not supported		No	
D9412GV	Delete View		Sh	ift+Del		Not supported		No	
D9412GV	Louis			CH 1		Not supported		No	
D9412GV	Locate			Ctri+L		Not supported		No	
D9412GV	Filter					Not supported		No	
D9412GV	Make Link					Not supported		No	
127 Selected (I	Build Remot	e Access Prot	file				1		
_	Cloud Activa	rtion						_	
	Save as Tem	plate							
	Enable Unatt	ended							
	Distante Office								

Switching to Panel View or Panel Data - View

The Account Assistant includes key parameters from both the Panel View and And Panel Data -View for a basic control panel installation. More complex control panel installations will require configuration of parameters not included in the Account Assistant.

To access all control panel parameters, first close the Account Assistant, then right-click the panel account in the Panel List. Click **Open Panel View**.

Remote Pro	is Reports Config L	Inattended	Language Help	3		B	osc	H
View Panel List		Links						
Panel Name	2 Panel Type	Account #	Description	Contact	Cloud	Firmware Version	Unattende	•
B3512 v3.XX	B3512	0000			Unregistered		No	
B4512 v3.XX	B4512	0000			Unregistered		No	
B5512 v3.XX	B5512	0000			Unregistered		No	
B6512					Unregistered		No	
B8512G	New		Ctrl+N		Unregistered		No	
B9512G	Open Panel Data - Vi	ew			Unregistered		No	
B9512G v3.00	Open Account Assist	ant			Not supported	3.00.005	No	
D9112	Open Panel View		Ctrl+O		Not supported		No	
D9112B1	h	ş	1927-0		Not supported			
D9412,D94120	Delete		Del		Not supported		No	
D9412GV2	Delete View		Shift+Del		Not supported		No	
D9412GV3 v8.	Locate		Ctrial		Not supported		No	
D9412GV3 v8.	Eller		Curre		Not supported		No	
D9412GV4 v1.	Filter				Not supported		No	
D9412GV4 v2	Make Link				Not supported		No	*
of 27 Selected (Filter	Build Remote Access	Profile				1		
	Cloud Activation						_	-
	Save as Template							
	Enable Unattended							
	Disable Unattended							

To access the panel data configuration for the panel account, first close the Account Assistant, then right-click the panel account in the Panel List. Click **Open Panel Data - View**.

Remote Progra	mming S	oftwar	e			B	DSC
Vew Panel List	• •	Links					-
Panel Name	2 Panel Type	Account #	Description	Contact	Cloud	Firmware Version	Unattende
B3512 v3.XX	B3512	0000			Unregistered		No
B4512 v3.XX	B4512	0000			Unregistered		No
B6512 v3.XX	B5512	0000			Unregistered		No
B6512	0.0000	1		1	Unregistered		No
B8512G	New		Ctrl+N		Unregistered		No
B9512G	Open Panel D	Data - View	N		Unregistered		No
B9512G v3.00 example	Open Accourt	nt Assistant	4		Not supported	3.00.005	No
D9112	Open Panel V	liew	Ctrl+O		Not supported		No
D9112B1					Not supported		
D9412,D9412G	Delete		Del		Not supported		No
D9412GV2	Delete View		Shift+Del		Not supported		No
D9412GV3 v8.00 thru v	Laure		Chill I		Not supported		No
D9412GV3 v8.10 or gre	Locate		Cuive		Not supported		No
D9412GV4 v1.00 thru v	Filter				Not supported		No
D9412GV4 v2.00 or gre	Make Link				Not supported		No
27 Selected (Filter Off)	Build Remote	Access Pro	file			1	
	Cloud Activa	tion				1	_
	Save as Temp	plate					
	Enable Unatte	ended					

Changing the default account view for operators

To change an operator's default account view for creating and editing new B Series control panel accounts from Account Assistant to Panel View:

- 1. Select the **Operator List**.
- 2. Right-click an operator to edit.
- 3. Click Edit.
- 4. From the Default Account View drop-down menu, select **Panel View**.
- 5. Click **OK**.

. Ra fi		1 0				0	
new Op	perator List	• I	Links				
er Name	Full Name	Description	Voice Phone	Security Level			
AIN .	Administrator	Built in administrat		15			
	User Name* FullName Description Address	ADMIN Administrator Built in administre	ative *	Created Date Last Modified Security Level * Language	10-Jul-16 11:04:23 10-Jul-16 11:29:33 15 	•	
2 Selec	Voice Phone Pass word*			Default Account View Notes	Account Assistant Account Assistant Panel View	•	

6 RPS upgrade, backup, and restore

Follow the instructions in this chapter to upgrade RPS , backup the RPS database, or restore the RPS database.

6.1 Upgrade RPS



Notice!

Backup the RPS database before upgrade

Before you begin the update process, make sure to backup your RPS database.

Follow these steps to upgrade to the latest version of RPS:

- 1. Backup the RPS database. Refer to *RPS database backup and restore, page 24* for instructions.
- 2. Download the latest version of RPS. Refer to *Download first, page 6* for instructions.
- 3. To complete the upgrade, refer to *Install RPS, page 7* for instructions.

6.2 **RPS database backup and restore**

You should periodically backup your RPS database to reduce the risk of lost data due to equipment failure or data corruption.

You should backup your RPS database before upgrading to a newer version.

Backup

To back up the RPS database:

- 1. Click **File** to open the File menu.
- 2. From the File menu, click **Backup**.

Backup			
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D9412GV3 V6.00 010 V6.09 D9412GV3 0000 NG	ot supported		No
D9412GV3 v8.10 or greater D9412GV3 0000 No	ot supported		No
D9412GV4 v1.00 thru v1.9 D9412GV4 0000 No	ot supported		No
D9412GV4 v2.00 or greater D9412GV4 0000 No	ot supported		No

3. Choose (or create) a folder and enter a file name for the backup file.



4. Click **Save** to finish the backup.

Backup	×
(1)	Backup Complete
	OK

Restore

To restore an RPS database backup file:

- 1. Click File to open the File menu.
- 2. From the File menu, click **Restore**.

File	Lists Operations Reports	Config l	Inattended	Language Help	2			
	Backup		- 6				A D	000
	Restore	ing S	ontwar	e			B	JSC
	Import	ີຄ						
	Export	• •						
	History Export	•	Links					
	System Note	nel Type	Account #	Description	Contact	Cloud	Firmware Version	Unattende
	Print Ctrl+P	612	0000			Unregistered		No
		512	0000			Unregistered		No
	Logout 1	512	0000			Unregistered		No
	Logout and Exit	612	0000			Unregistered		No
_	B8512G	B8512G	0000			Unregistered		No
	B9612G	B9612G	0000			Unregistered		No
	B9512G v3.00 example	B9512G	95210123			Not supported	3.00.005	No
	D9112	D9112	0000			Not supported		No
	D9112B1	D9112B1	0000			Not supported		
	D9412,D9412G	D9412	0000			Not supported		No
	D9412GV2	D9412GV2	0000			Not supported		No
	D9412GV3 v8.00 thru v8.09	D9412GV3	0000			Not supported		No
	D9412GV3 v8.10 or greater	D9412GV3	0000			Not supported		No
	D9412GV4 v1.00 thru v1.9	D9412GV4	0000			Not supported		No
	D9412GV4 v2.00 or greater	D9412GV4	0000			Not supported		No

3. Choose the RPS database backup file to restore from. Click **Open**.

) 🔵 🖻 📃 Desktop 🔸			▼ \$ 9	Search Desktop		
Organize 🔻 🛛 New fold	er			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• 🔳	0
☆ Favorites ■ Desktop ● Downloads		2.22 KB My Network Shortcut 104 bytes				
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Libraries		XML Document 124 MB	.XIVIL			
Music Pictures		RPS_export_all_160620. XML Document 124 MB	XML			
File n	ame: RPS E	Backup 20160714.XML	•	XML File (*.XML)		•

4. Review the warning. Enter **Y** and click **OK** to confirm that you want to overwrite the current RPS database with the data in the backup file.

RPS Warning	
You are about to restore this i overwrite all your data. Are yo and click OK to pro	installation from a backup. This will w sure you want to proceed? Type Y oceed or click Cancel.
Y	
ОК	Cancel

5. The restore process is complete. RPS will now use the restored database.



7 Maintenance

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Notice!

After system installation and any control panel programming, perform a complete system test. A complete system test includes testing the control panel, all devices, and communication destinations for proper operation.

7.1

Set security levels by panel type for networked users

If your company is using a database on a networked drive and you want to allow users to be able to set security levels for control panels, you must copy the control panel definition files to each workstation on the network. This preserves the security settings you have set for each control panel type on the individual workstations on the network.



Notice!

If these files are not copied to each workstation, users on other workstations can change data for control panel types that you restricted.

Transferring your security settings to other computers on the network:

 From RPS, set the security levels for each control panel type on any one computer on the network. Only users with an authority level of 15 can perform this operation. In RPS, refer to the RPS General Help for more information on setting security levels in RPS.



Notice!

Setting the security levels for a control panel type, sets the levels for all accounts for that control panel type (new and existing).

- 2. Use Windows Explorer to copy the appropriate control panel definition files (peg defs) to each computer on the network after you set the security level for each field in each panel type. To do this, open the RPS directory on the computer where you are currently working. Find the folder labeled **PegDefs**.
- 3. Use Windows Explorer to copy the PegDefs folder to each of the RPS directories on all workstations running RPS. Use the drag-and-drop feature in Windows to move the PegDefs folder to each computer on the network. Click and hold the PegDefs folder with the right mouse button and drag the folder to the RPS directory on the target workstation computer. Release the right mouse button. A dialog box opens and prompts if you want to **Move, Copy, Create a Shortcut** to the folder or **Cancel.**

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Notice!

Make sure that you select **Copy**. Selecting **Move** moves the entire PegDefs folder from the current computer to the workstation computer. Click **Yes** if the **File Already Exists - Do you want to overwrite?** message shows.



Notice!

Moving the PegDefs folder prevents RPS from working on the current computer. If you accidentally move the PegDefs folder, return it to the RPS directory on the computer, and then recopy it to the workstation.

4. After Windows finishes the copy process, the workstation has the same security settings as the original computer. Repeat Step 3 for each workstation on the network.



Notice!

If you change the control panel security setting in the future, you must copy the new PegDefs files to each workstation again.

7.2

Modify, repair, or remove RPS

Modify RPS



Notice!

To modify the current RPS installation, you must use the original installation files. If RPS was installed from the CD/DVD-ROM, you must use the CD/DVD-ROM. If RPS was installed from a folder containing the installation files, you must use the same

folder in the location it resided when RPS was installed.

To add features, Unattended Operation for example, or remove installed features:

- 1. Open the Windows Add/Remove Programs dialog box.
- 2. Scroll to RPS and click it.
- 3. Click **Change**. The RPS Setup Maintenance dialog box opens.



4. Click Modify, and then click Next. The Select Features dialog box opens.

Select Features		D BAC	
Select the features setup will install.		BOSC	
Select the features you want to install, and des	elect t	he features you do not want to install.	
		Description	
Core RPS Application Files		Allows supported panels to perform	
		unattended tasks such as history	
	÷	synchionization	
D6412 / D4412			
D2212 / D2112 / D2012			
🗹 D6112 / D4112			
- D8112			
	*		
587.77 MB of space required on the C drive			
63063.20 MB of space available on the C drive	8		
allorinelu -			

- 5. Select the check boxes for the features you want to install, or clear the check boxes for the features you want to remove.
- 6. Click **Next**. The selected features are either installed or uninstalled as selected.
- 7. When the Install Complete dialog box opens, click **Finish** to end the RPS Setup Maintenance process.

Repair RPS

Notice!

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To repair the current RPS installation, you must use the original installation files. If RPS was installed from the CD/DVD-ROM, you must use the CD/DVD-ROM.

If RPS was installed from a folder containing the installation files, you must use the same folder in the location it resided at when RPS was installed.

Reinstalling all of the program features installed during the previous setup:

- Select Start > Settings > Control Panel > Add/Remove Programs. The Add/Remove Programs dialog box opens.
- 2. Scroll down in the list until you see **RPS**. Click **RPS** to select it.
- 3. Click **Change/Remove**. The RPS Setup Maintenance dialog box opens.
- Click Repair, and then click Next. A progress indicator dialog box opens. When the repair is complete, the Install Complete dialog box opens.
- 5. Click **Finish** to end the RPS Setup Maintenance process.

Remove RPS

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Notice!

Only remove RPS if you do not intend on using RPS in the future. If you are using an unreleased version of RPS, such as an alpha or beta version, you must uninstall (remove) RPS before installing a released version.

Removing RPS and all of its features:

- Select Start > Settings > Control Panel > Add/Remove Programs. The Add/Remove Programs dialog box opens.
- 2. Scroll down in the list until you see RPS. Click RPS to select it.
- 3. Click Change/Remove. The RPS Setup Maintenance dialog box opens.
- 4. Click **Remove**, and then click **Next**.
- 5. When the Confirm Uninstall dialog opens, click **Yes**. A progress dialog box opens.
- 6. When the removal process is complete, restart the computer.

7.3 Switch from a client to a network installation

It can be advantageous to place your RPS database files on a network drive so that many workstations can access a single database.

Placing RPS database files on a network drive:

- 1. Start RPS, and log on when the RPS Logon Information dialog box opens.
- Select Config > System. The System Configuration dialog box opens with the Work Station Specific tab open and Database Settings highlighted.
- 3. In the **Select or Enter SQL Server name** field, select the name of the network SQL Server.
- 4. If the SQL Server database already exists, enter the SQL Server Name, SQL Database Name, User Name, and Password, then click OK. If the SQL Server database does not already exist, enter the SQL Server Name and the desired SQL Database Name, User Name and Password for the database, then click Create Database. The Database Created Successfully dialog box opens.



Please re-login		<u>k</u>
1	Settings have changed that require RPS to be r	estarted.
		ОК

6. Click **OK** to restart RPS.

When the database is shared on a network drive, two or more operators can access a single account. When an operator attempts to access an account that is already open by another operator (for example, one that has a different user name), a Panel Already Open dialog box appears, indicating that the account is already opened for editing by another operator (the operator's log-in name shows in the message box). The operator opening a second instance of the database can view the contents of the account, but cannot edit any of the information in the account.



Notice!

If an operator logs on to two different terminals with the same user name and accesses the same account from both terminals, RPS prompts the operator at the second terminal to either override the lock and allow edits, or open the account in View Only mode. Do not log on to RPS using the same user name on multiple computers.

8 Appendix8.1 RPS minimum system requirements

System requirements		
Operating System	Windows 8, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2012 R2	
SQL Express	2012 SP2 with Hotfix patch KB3205054 installed for 32-bit systems 2017 14.0.1000.169 installed for 64-bit systems RPS supports 2012 SP2, SQL2014, SQL2016, SQL 2017 and SQL 2019	
Processor type	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support x86 Processor: Pentium III-compatible processor or faster	
Processor speed	Minimum: x86 Processor: 1.0 GHz x64 Processor: 1.4 GHz Recommended: 2.0 GHz or faster	
RAM	Minimum: 4 GB Recommended: 8 GB (increase as database size increases for optimal performance)	
Hard disk	Available space: x86 Processor: 16 GB x64 Processor: 20 GB	
Monitor	Minimum resolution: 1024 x 728	



Notice!

These minimum system requirements are based on installing RPS or RPS-LITE with SQL Express on the same computer. For any other configurations of OS and SQL, reference specific requirements on Microsoft's website: http://windows.microsoft.com



Notice!

Microsoft Operating System Support

As of January 14, 2020, Microsoft stopped supporting Windows 7. As of July 13, 2010, Microsoft stopped supporting Windows 2000. As of April 8, 2014, Microsoft stopped supporting Windows XP. As a result, Bosch Security Systems, Inc. no longer supports the operation of RPS 5.13 or later on Windows 7, Windows 2000 or Windows XP operating systems.

8.2 Network drive installation

 If you copy the contents of the RPS CD/DVD-ROM to a networked drive, the drive must be mapped to a drive letter in order for RPS to properly install on local computers connected to the networked drive.

- RPS cannot install from a networked drive that uses the Universal Naming Convention (UNC).
- If you copy the contents of the RPS CD/DVD-ROM to a local or network drive, you must change the Read/Write permission on the License folder.

8.3 Automatic RPS installation

8.3.1 Overview

When installing or upgrading to version 5.12 or later, RPS creates a file called RPSInstallation.ini. This file contains the SQL database settings that are selected when installing or upgrading RPS.

After the first installation or upgrade of RPS, you can run the RPSInstallation.ini file to complete subsequent installations or upgrades that are identical to the first installation or upgrade.

8.3.2 Generate the RPSInstallation.ini file

To generate the RPSInstallation.ini file, you must install or upgrade to version 5.12 or later. During the installation or upgrade process, RPS collects the selected settings for the SQL database and saves them to X:\RPSInstallation.ini ("X" = the drive letter assigned to the computer's local drive).

The RPSInstallation.ini file contains these settings:

- SQLExpressInstanceName: name of the selected SQL Express instance name.
- RPSDatabaseName: name of the selected RPS database.
- UserName: user name required for SQL authentication. By default, RPS uses Windows authentication. This setting is not required for Windows authentication.
- Password: password required for SQL authentication. By default, RPS uses Windows authentication. This entry is not required for Windows authentication. This entry is encrypted.



8.3.3

Use the RPSInstallation.ini file

Using the RPSInstallation.ini file to install RPS with the same SQL database settings as the first installation:

- 1. Copy the following files to a blank CD-ROM:
 - All files from the master RPS CD-ROM
 - The RPSInstallation.ini file from the computer where the first installation or upgrade was performed (X:\RPSInstallation.ini, where "X" = the drive letter assigned to the computer's local drive).

All of the required installation files, including the RPSInstaller.exe file, reside in the fscommand folder at the root level of the RPS CD-ROM. The RPSInstallation.ini file must reside in this folder as well.

2. Insert the copied RPS CD-ROM into the next computer that requires an installation or upgrade of RPS.

RPS installs the SQL database according to the settings in the RPSInstallation.ini file, and then installs RPS. When the installation process is complete, RPS connects to the SQL database.

3. Repeat Step 2 for all remaining computers that require an RPS installation or upgrade.

8.3.4 Customize the RPSInstallation.ini file

If the RPS installation requires that the SQL database is installed locally on each computer (not shared), you can customize the RPSInstallation.ini file.

To customize the RPSInstallation.ini file:

- 1. Create a text file (.txt) in a text editor such as Notepad.
- 2. Copy the following lines in the order as shown below:
 - [Installation]
 - NewSQLInstance=
 - NewRPSDatabase=
- 3. Save the file.

Use RPSInstallation for the filename. Change the file extension from .txt to .ini.

- 4. Close the file.
- 5. Copy the custom .ini file along with all of the files on the master RPS CD-ROM to a blank CD-ROM.

All of the required installation files, including the RPSInstaller.exe file, reside in the fscommand folder at the root level of the RPS CD-ROM. The RPSInstallation.ini file must reside in this folder as well.

Install RPS onto each computer that requires an installation or upgrade.
 RPS creates unique SQL instance names and RPS database names on each computer.

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