

Remote Security Certificate Builder



BOSCH

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1 Introduction

Remote Security Certificate Builder allows you to create certificates for users to connect to control panels through the Remote Security Control (RSC) app. Each user can connect to one control panel.

Remote Security Certificate Builder extracts information from the remote programming software database and combines it into a certificate for the target RSC user. Once you create and send the certificates to the RSC mobile device, users can connect to and control compatible control panels for which you granted them access.

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1.2

System requirements

Minimum computer requirements

Processor	Pentium III, 800 MHz or faster
Operating system	<ul style="list-style-type: none"> – Windows 8 (all editions) – Windows 7 (all editions) – Windows 2008 Server – Windows 2003 Server – Windows Vista (all editions)
RAM	<ul style="list-style-type: none"> – Minimum: 512 MB – Recommended: 1 GB or higher
Communications	Ability to send email to the Remote Security Control device

Installation and operation prerequisites

- The install process downloads and installs the required Microsoft .NET Framework 4 and Windows Installer 4.5.
- For Remote Security Certificate Builder installations on a computer that does not have remote programming software, the user must have access to the database.

Compatible remote programming software

Remote Security Certificate Builder uses the remote programming software database to create certificates:

- Remote Programming Software v5.15.4 and higher
- A-Link Plus Remote programming Software v4.5 and higher

Note that your control panel and the latest Remote Security Control features might require the latest version of remote programming software.

Compatible control panels

Remote Security Certificate Builder can create certificates for the following control panels:

- B9512G/B8512G, B9512G-E/B8512G-E (“E” variants require an Ethernet or cellular module)
- B5512/B4512/B3512, B5512E/B4512E/B3512E (“E” variants require an Ethernet or cellular module)
- D9412GV4/D7412GV4/D7212GV4
- Solution 2000/3000 (ICP-SOL2-P/ICP-SOL3-P) (requires an Ethernet module)

1.3 About documentation

Throughout this document, the words “remote programming software” refer to all Bosch programming applications compatible with Remote Security Certificate Builder (RPS and A-Link Plus). Throughout this document, the words “control panel” refer to all Bosch control panels compatible with Remote Security Certificate Builder.

This document provides specific steps for the latest version of Remote Security Certificate Builder, RPS, and A-Link Plus.

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1.3.1 Related documentation

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Downloading documentation:

1. Go to the Bosch website (us.boschsecurity.com).
2. In the Search text box on the right side of the page, enter the name for the product for which you want to download the documentation.
3. Press [ENTER].
4. If you see the desired document in the search results, click the link for the document to open it. Otherwise, click the desired product’s Product Page button. The product page opens with the Details tab selected.
5. Click on the Documents tab, and then click the desired language listed to the right of the desired document.

Call Bosch Security Systems, Inc., Technical Support (1-800-289-0096) if you need additional assistance.

To obtain any of the documents listed in this section, download them from the web.

Downloading documentation:

1. Go to the Bosch website (us.boschsecurity.com).
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5. Click on the Documents tab, and then click the desired language listed to the right of the desired document.

Call Bosch Security Systems, Inc., Technical Support (1-800-289-0096) if you need additional assistance.

Documents

<i>Remote Security Certificate Builder Datasheet (P/N: 5903555851)#</i>
<i>Remote Security Certificate Builder Installation Guide (P/N: F01U262845)# (this document)</i>
<i>Remote Security Control Reference Guide (P/N: F01U281304)#</i>
<i>Remote Security Certificate Builder Help*</i>
<i>RPS (D5500CU) Help*</i>
<i>ITS-ALINK-PLUS User Guide (P/N: F01U165466)#</i>
<i>*Within the application. *On www.boschsecurity.com.</i>

2 System overview

With Remote Security Certificate Builder, you collect specific remote programming software data (for example, the RPS passcode), and create a secure certificate that allows an RSC user to log on to the control panel shown in the certificate. Each certificate allows a single user to connect to a single control panel. The RSC app is available for Android and Apple iOS devices.

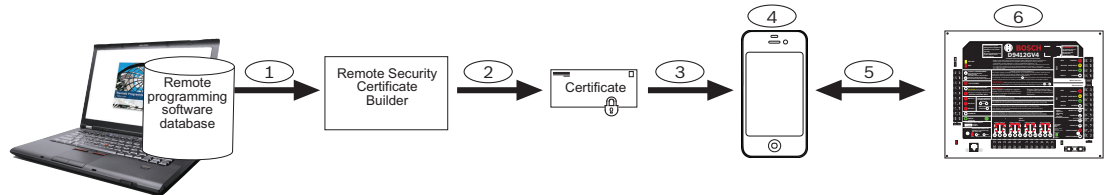


Figure 2.1: System overview

Callout - Description
1 — Credentials and account data within remote programming software
2 — Encryption, validity data, dealer information, and output and door limitations pulled into Remote Security Certificate Builder
3 — Email the certificate generated on the Remote Security Certificate Builder computer to the compatible device
4 — Compatible device with Remote Security Control installed
5 — Certificate and account details, status information, and commands communicated between Remote Security Control and a compatible control panel using Ethernet or cellular communications.
6 — Compatible control panel (D9412GV4 shown)

Remote Security Certificate Builder creates certificates from and for use with the following:

Compatible control panels

Remote Security Certificate Builder can create certificates for the following control panels:

- B9512G/B8512G, B9512G-E/B8512G-E (“E” variants require an Ethernet or cellular module)
- B5512/B4512/B3512, B5512E/B4512E/B3512E (“E” variants require an Ethernet or cellular module)
- D9412GV4/D7412GV4/D7212GV4
- Solution 2000/3000 (ICP-SOL2-P/ICP-SOL3-P) (requires an Ethernet module)

Compatible remote programming software

Remote Security Certificate Builder uses the remote programming software database to create certificates:

- Remote Programming Software v5.15.4 and higher
- A-Link Plus Remote programming Software v4.5 and higher

Note that your control panel and the latest Remote Security Control features might require the latest version of remote programming software.

Compatible devices for certificates

RSC and Remote Security Certificate Builder support both Android and iOS devices:

- Android devices with Android version 4.0.3 (Ice Cream Sandwich) and higher
- iPhone, iPod Touch, iPad with Apple iOS 6.0 and higher

2.1 Certificate data

To create a valid certificate for the Remote Security Control user, Remote Security Certificate Builder collects information from the control panel account (in remote programming software). If you change the parameters listed in the following table, you must create a new certificate and add the certificate to the Remote Security Control device.

Parameter	B9512G/ B8512G	GV4 2.xx	GV4 1.xx	B Series	Solution 2000/3000
RPS passcode			X		
Application passcode	X	X		X	
A-Link Plus/RSC passcode					X
Control panel IP address or host name*	X	X	X	X	X
Control panel port number*	X	X	X	X	X
Datalock code			X		
Network Encryption (enabled and key)			X		
Cellular IP address**	X	X		X	
Cellular Port**	X	X		X	
*For Ethernet certificates **For cellular certificates					

Notice!



Set the Application passcode in RPS from within the control panel account. Go to Automation to find the Application Passcode entry. The default passcode is “Bosch_RSC”.

Set the A-Link Plus/RSC passcode in A-Link Plus within Control Panel Configuration > Comm > Network Config > A-Link/RSC Password. The default passcode is “0000000000”.

All changes to the Application Passcode within RPS or the A-Link /RSC Password in A-Link Plus require a new certificate for the Android or iOS device.

3 Installation

Download the Remote Security Certificate Builder installation from the Bosch Security Systems, Inc. website, and then install it.

3.1 Download the installation file

Downloading the installation files:

1. Go to the Bosch website (us.boschsecurity.com).
2. Click on the Products tab and select Intrusion Alarm Systems.
3. On the right side of the page, under Online Tools, click the Remote Security Certificate Builder link.
4. After reviewing the required prerequisites, click Install.
5. Save the install file to your computer hard drive.

3.2 Install the file

Installing Remote Security Certificate Builder:

1. After completing the download, double-click the setup.exe file.
2. When the Application Install dialog box appears, click Install.
3. The Installing Remote Security Certificate Builder dialog box indicates the installation progress.
4. When the installation finishes, Remote Security Certificate Builder launches.

3.3 Remote Security Certificate Builder application updates

Every time you launch Remote Security Certificate Builder, it checks for updated application versions. If the Remote Security Certificate Builder locates a new version, the Update Available dialog box appears.

Click OK to install the update or click Skip if you do not wish to update at this time. The Remote Security Certificate Builder application window opens.

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