

Remote Programming Software



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.

Functions

Control panel programming

RPS provides complete and easy control panel programming of all parameters, either remotely or on-site.

The latest RPS is compatible with the B465 Universal Dual Path Communicator v2.00 and higher.

Integrated Programming

Program control panels to integrate your Bosch and non-Bosch systems such as IP Video Cameras, Bosch PRAESENSA Public Address and Voice Alarm System, and the Bosch Access Management System.

Extend select control panel programming to any software application using the RPS-API or panel automation interfaces.

USB direct connect

For quick and easy on-site programming, use the B99 USB direct connect cable to connect to:

- B9512G/B8512G control panels
- B Series control panels

- ▶ Account and Configuration Assistants simplify key programming for control panels and Bosch Remote Connect and Cellular Services
- ▶ Alternative to keypad programming for Bosch control panels, including Fire FPD-7024
- ▶ Remote firmware updates for GV4, B9512G/B8512G, and B Series control panels
- ▶ Prior versions of 9000 or G Series control panel accounts can be updated to GV4 or the newer B9512G/B8512G control panel accounts
- ▶ Unattended service for the G, GV2, GV3, GV4, B9512G/B8512G and B Series control panels using Conettix IP communications

- B465 Universal Dual Path Communicator v2.00 and higher

Installer Services Portal

RPS directly integrates with the Bosch Installer Services Portal for installers to centrally manage their Bosch Cloud and cellular communication services. The Installer Services Portal is currently available in the United States and Canada. Learn more about the Installer Services Portal here. <https://www.boschsecurity.com/us/en/solutions/services/installer-services/>

Account Assistant

Account Assistant makes creating (or editing) control panel accounts for basic B Series control panel installations quick and easy. For complex installations, Panel View allows advanced control panel configuration.

Configuration Assistant

The Configuration Assistant allows operators to quickly configure RPS for Remote Connect (a Bosch Cloud-based Service) and Bosch Cellular Service. Operators can also add dealer information for the RSC mobile app, add a web proxy, and add VPN information using the Configuration Assistant.

Diagnostics

Visual indication of faulted modules makes finding trouble conditions quick and easy.

Remote diagnostics allow operators to:

- View system status and retrieve history
- Bypass and reset points
- Arm and disarm
- Silence bells
- Reset sensors
- Perform output, time, and date functions
- View SDI/SDI2 and option bus device status
- Update panel firmware (GV4 and newer control panels)

Expanded diagnostics for:

- Bosch Cellular Service and cellular communicators
- Cloud connections and Remote Connect Service (a Bosch Cloud-based Service)
- B Series and B9512G/B8512G control panels and compatible modules
- B465 Universal Dual Path Communicator v2.00 and higher

Report capability

A variety of reports are available. Customize reports to include company logos and custom text. Select a range of pages and either print them or save them as an HTML, PDF, RTF, XLS, or TXT file.

Context-sensitive and Quick Help

Context-sensitive Help files correspond to the parameters for each control panel. The control panel's account window provides Quick Help information regarding the fields in the control panel's settings pane. The Quick Help information changes when the cursor moves over the fields.

Local and Wide-area network accessibility

The software uses a static IP address or a host name, including Domain Name System (DNS), to connect to control panels on a local-area network (LAN), wide-area network (WAN), or the Internet. The connection provides fast uploads and downloads.

Unattended Service over the network

RPS can perform the following tasks over the network without user intervention: sending or receiving control panel programming changes, retrieving history, and updating dates and times. The service can perform up to 12 concurrent connections per computer to the G, GV2, GV3, GV4, B9512G/B8512G, or B Series control panels.

Import/export utility for accounts

Users can export control panel accounts from one RPS (database), and import them into another.

Update 9000 Series accounts

RPS can update older versions of 9000 or G Series control panel to the newest control panel, which includes the latest B9512G control panel. The G Series control panels provide more updated features and capabilities.

Update GV2, GV3, and GV4 control panel accounts

RPS can update GV2, GV3, and GV4 control panel models to any of the following control panel models: B9512G, B8512G D9412GV4, D7412GV4 (and to D7212GV4 v1.xx).

Installation/configuration notes

Compatible control panels and fire alarm control panels (FACPs)

- B9512G/B8512G
- B6512/B5512/B4512/B3512
- B465 Universal Dual Path Communicator v2.00 and higher
- D6412/D4412
- D9112B1/D7212B1
- D8112G2, D8112G1, D8112G, D8112E1, D8112E, D8112A
- D9412GV4/D7412GV4/D7212GV4, D9412GV3/D7412GV3/D7212GV3, D9412GV2/D7412GV2/D7212GV2, D9412G/D7412G/D7212G, D9412/D7412/D7212, D9112/D9112B1/D7212B1

To create an account for a D9412G control panel, use the *D9412default.dsf* file on the RPS DVD. To create an account for a D7412G control panel, use the *D7212default.dsf* file on the RPS DVD.

The default for the RPS installation process installs support for all compatible control panels. If you choose not to install all control panels, and decide later that you would like to add a control panel, simply rerun the installation process.

Compatible modems

Refer to the RPS Help file for a list of compatible modems. Generally, modems must originate a call in Answer Mode but must not use data compression, flow control, or error correction (LAPM, MNP).

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Technical specifications

System requirements

Operating system	Windows 10, Windows 11 Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
SQL Express	Minimum: 2012 SP2 Supported: SQL 2014, SQL 2016, SQL 2017 2012 SP2 with Hotfix patch KB3205054 installed for 32-bit systems by RPS installer

	2017 14.0.1000.169 installed for 64-bit systems by RPS installer
SSL and TLS for Cloud connection (Remote Connect)	SSL version 3.0 TLS version 1.2
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: 1 GB Recommended: 8 GB (increase as database size increases for optimal performance)
Hard disk	Available space: x64 Processor: 16 GB x86 Processor: 20 GB
Monitor	Minimum resolution: 1024 x 728

Notice

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

D5370-USB Security dongle, USB

Security accessory required for RPS communication. (Not required for B Series control panels or the B465 Universal Dual Path Communicator v2.00 and higher)

Order number **D5370-USB | 4.998.143.723**

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