

B-Series/G-Series intrusion panel for use with B93x/B93x and B91x/B92x keypads. (Test reference: model B5512 control panel and B920 keypad)

Overview

exacqVision can be integrated with Bosch B and G-Series Control Panels. Configuration controls and real-time feedback have been added into the exacqVision client giving the user control and monitoring capabilities of the system.



NOTE: This integration guide applies only to the Intrusion Alarm System line of Bosch equipment with **firmware version 1.03.005 or later.**

Most Recent Test scenario: ExacqVision Server/Client **20.12**

For more information about Intrusion Alarm System equipment, please visit www.boschsecurity.com.

Purpose

The purpose of this document is to provide guidance for integrating Bosch intrusion alarm system equipment with exacqVision and using the exacqVision client for connecting, controlling and monitoring the Intrusion Alarm System equipment.

NOTE: This guide does not cover the installation and configuration of Bosch security equipment in general.

Requirements

Exacq software requirements

- exacqVision client version: 8.4 (or greater)
- exacqVision server version: 8.4 (or greater)

License requirements

- exacqVision license: Professional or Enterprise

Bosch requirements or as tested

- One of the following Communicators:
- Control Panel : Mode 2 capable only. (see chart below)
- Keypad : B942, B930, B921C, B920, B915
- Firmware version 1.03.005 (or later)
- No licensing from Bosch required

Hardware Compatibility Chart

Control Panel	Version	Intrusion Integration Protocol		
		Legacy	Mode 1	Mode 2
D9000 Series	5.20 and below	No	No	No
D9000 Series	6.00 and higher	Yes	No	No
D7212G, D7412G, and D9412G	All	Yes	No	No
GV2 Series	All	Yes	No	No
GV3 Series	8.00 through 8.09	Yes	No	No
GV3 Series	8.11 and higher	No	Yes	No
GV4 Series	1.00 through 1.99	No	Yes	No
GV4 Series	2.00 and higher	No	Limited	Yes
B Series	All	No	Limited	Yes
New G Series B9512G and B8512G	All	No	Limited	Yes

NOTE: The ExacqVision integration supports only Mode 2 panels. If any specific models support Mode 2 Protocol but are at the end of their product life, we *do not guarantee* support.

Components

The Intrusion Alarm System components that were tested and integrated with Exacq were the following:

- Keypad: **B930**
- Control Panel: **B5512 (also compatible- B3512, B4512, B6512)**
- Any model of exacqVision recorder (required)



The security system communicates with the exacqVision recorder via the communicator module. This communication link can be established via Ethernet (IP/UDP). The security system must be configured by the keypad (**B920**) to enable the communications link to exacqVision.

Configuration – Bosch Intrusion Alarm Systems

With the exacqVision system connected to the control panel (**B5512**) via Ethernet (IP/UDP), use the keypad (**B920**) to configure the security system to communicate with the exacqVision recorder. Here are some general guidelines to follow when navigating the display panel’s menus. Use the “ESC” key to go back one menu level or delete a value when editing.

- An Installer’s Code of 123 (default value) is used throughout these instructions. Substitute your own Installer’s code if programmed.
- Reference: Control Panel Installation Manual.

Enable the B5512 Communication Module (Initial Panel Programming)

- When the unit is powered on, there is a delay of approximately 30 seconds before the keypad is ready for user input.
- Enter installer passcode (123 by default) and press enter

View IP address (Program Menu > Network > Ethernet > On-board > IP Address))

- **Note IP address for use in Exacq configuration**

...OR...

Set Static IP Address (Program Menu > Network > Ethernet > On-board)

- At this point, to set a static IP address, select Address Parameters > IP address **Note this IP address for use in Exacq configuration**
- Follow the same procedure for Subnet Mask and Default Gateway in the same menu tree.

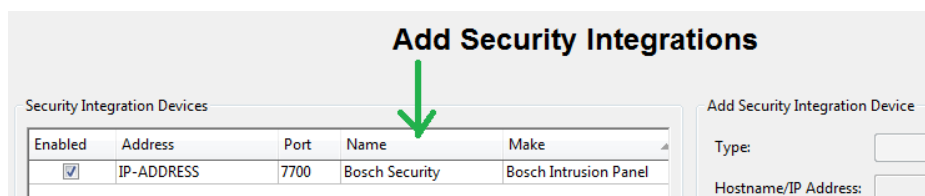
Set DHCP IP Address and Config (Program Menu > Network > Ethernet > On-board)

- At this point, to set the device to DHCP, select Module Parameters > DHCP Enable and select “Yes” **Note this IP address for use in Exacq configuration. This may require a reboot of the control panel if the IP address does not change as expected.**
- Follow the **View IP address** procedure to view the newly DHCP-set address.

To change hostname / name of device displayed in ExacqVision

(Program Menu > Network > Ethernet > On-board > DNS Parameters > Module Hostname)

- Press “Edit” and use the number pad to program desired Hostname. This name determines how the device is displayed in the ExacqVision client.

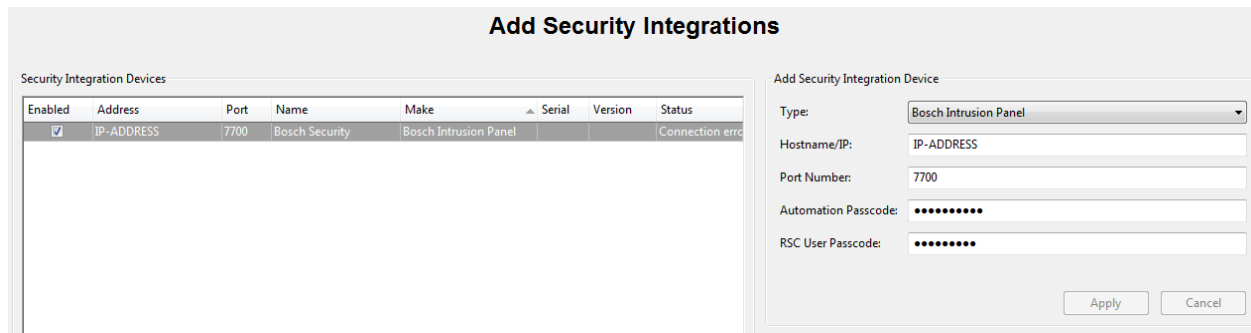


Configuration - exacqVision

Select “Add Security Integration”

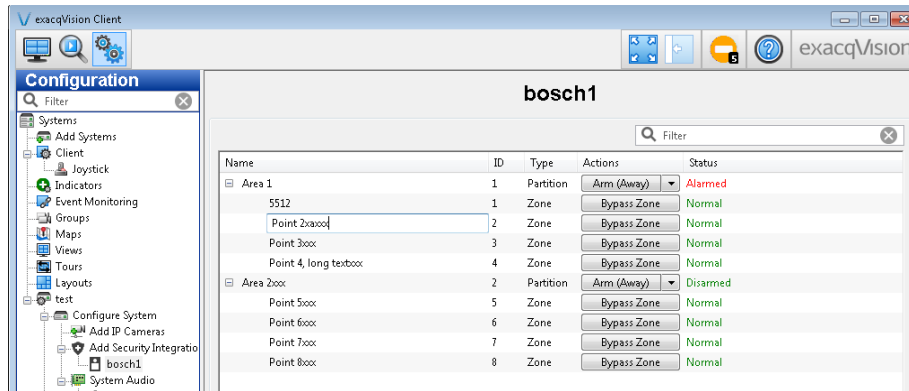
Launch the exacqVision client and perform the following steps.

- Select Bosch from the Type drop down box
- Add the IP address
- Use default passcode provided unless you have programmed a different passcode
- Click Apply to connect.



Supported controls now appear when you click on the Bosch intrusion panel under “Add Security Integrations” entry in the configuration tree.

- Click on Bosch Security panel (or your programmed hostname for the device).
- Arming and Disarming can be performed here with the following options:
 - Arm - State when user arms the panel at the keypad using their personal access code
 - Arm Away - provides an exit and entry delay, includes all zones
 - Arm Stay - provides an exit delay, bypasses interior zones
 - Arm (No Delay) - Arms immediately, triggers immediately
- Zones can be bypassed.
- Areas, as well as Zones (or “Points”) can be renamed within the ExacqVision client. This change will be reflected in the keypad after a few seconds. This also works the other way around. Naming the zone in the keypad renames it in the EV client. This can require a disconnect/reconnect cycle of the device.



- If a supported IP camera is connected to ExacqVision, you can use Event Linking to trigger video recording, output trigger alarm, and more. NOTE: these features will not be available unless a camera with these features supported is connected and visible to the client.

The Bosch Intrusion Alarm System Control Panel is now integrated with exacqVision. For more information, please see your Bosch Intrusion Alarm System user manual. Visit the [Bosch B Series and G Series control panel](#) pages to find documents, firmware, and other information on each model.

Troubleshooting

Most troubleshooting should start with the Bosch user manual for your specific model of control panel and/or keypad.

Contact info and Support

Exacq Support (Technical Support, Training tools, and more)

<https://exacq.com/support/>

Bosch Support (Technical Support, Training tools, and more)

<https://www.boschsecurity.com/us/en/support/>