

**Course Title:** G Series Expert Level Certification

**Duration:** 4 three (3) hour session over 2 days

**Target audience:** Installation/ Service technicians, system integrators, Project Managers

**Max Number of Attendees:** 4

**Objectives:**

Upon Successful completion of this course the participants should be able to:

- Configure devices and program the G Series control panel according to the needs of a customer
- Use Bosch's Remote Programming Software (RPS) to program control panel parameters
- Troubleshoot potential configuration issues

**Course Topics**

1. Course overview
2. RPS installation and Review
3. G Series Hardware and Board Components
4. Configuring a G Series Control Panel
5. Programming SDI2 Devices
6. Access Control
7. Additional RPS Programming
8. Testing and Trouble Shooting

**List of items students/ technicians will need for Virtual Training:**

1. Reliable Internet connection
2. Windows 7, 8, 10 PC/laptop
3. Bosch RPS installed on PC/ Laptop
4. Video capability through Zoom, or Skype on PC/ Laptop or phone
5. G Series training kit
6. Documentation: "hard copy, or electronic"
  - a. G series Expert Participant Guide
  - b. Access to Bosch Online training Academy

- c. Access to [Boschsecurity.com/us](https://www.boschsecurity.com/us) and Intrusion2go YouTube Channel
- 7. Hand tools:
  - a. screwdriver,
  - b. wire cutters,
  - c. 22/4-gauge wire
- 8. Someone to proctor the class
- 9. Pen, paper, note taking supplies

## Virtual Training Outline

- 1. Course overview
  - a. Course objectives
  - b. Agenda
  - c. B9512G data sheet / Training Kit
  - d. Installation Scenario
- 2. RPS installation and Review
  - a. Objectives
  - b. Login and Navigation
  - c. Back up and export
  - d. System Configuration
  - e. Security
    - i. Exercise 1
- 3. G Series Hardware and Board Components
  - a. Objectives
    - i. Exercise 1/ Initial Installation
  - b. Control Panel Terminals
  - c. Control Panel Onboard connections
  - d. Reset Button
  - e. Plug-in Module installation
    - i. Exercise 2
- 4. Configuring a G Series Control Panel
  - a. Objectives
  - b. Panel IP Address
  - c. Area Configuration

- i. Exercise 1
  - d. User Configuration
    - i. Exercise 2
  - e. Programming Keypads
  - f. Arm and Disarm
    - i. Exercise 3
  - g. Force Arming and Bypassing
    - i. Exercise 4
- 5. Programming SDI2 Devices
  - a. Objectives
  - b. Commands
    - i. Exercise 1
  - c. User Keypad Functions Custom Functions
    - i. Exercise 2
  - d. Shortcut Menu
  - e. B920 Standard Keypad ABC keys
    - i. Exercise 3
  - f. B942 Touch Screen Keypad
  - g. B208 Octo input Module
  - h. B299 POPEX Module
  - i. B308 Octo Output Module
  - j. Area and Panel wide Outputs
  - k. B810 Radion Wireless Transmitter
  - l. Radion wo Button Panic
    - i. Exercise 4
  - m. Radion Four Button Keyfob
- 6. Access Control
  - a. Objectives
  - b. Setting Card Type
  - c. B901 Access Control Module
  - d. Programming for Access Control
    - i. Exercise 1
  - e. User Authority and Access Control
  - f. Commands for Door control
- 7. Additional RPS Programming
  - a. Objectives

- b. Central Station Communication: On-Board Ethernet Communicator
    - i. Exercise 1
  - c. Central Station Communication: Enhanced Communication
    - i. Exercise 2
  - d. Central Station Communication: Communicator
    - i. Exercise 3
  - e. B44x Cellular Communication
  - f. Personal Notification
    - i. Exercise 4
  - g. B430 PSTN communication
    - i. Exercise 5
  - h. Schedules (SKEDS)
    - i. Exercise 6
8. Testing and Trouble Shooting
- a. Objectives
  - b. Communication Failure
    - i. Exercise 1
  - c. Panel Log
  - d. Ground Fault
    - i. Exercise 2
  - e. Point Trouble
    - i. Exercise 3
  - f. Point Trouble 2
    - i. Exercise 4
  - g. Point Trouble 3