

G Series with RPS

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| Course Title: | G Series with RPS |
| Duration: | 3 Days |
| Target Audience: | Installation, Service, Project Managers |
| Total Attendees: | 8 |
| Objectives: | <p>Upon successful completion of this course the participant should be able to:</p> <ul style="list-style-type: none">• Install RPS, login and create operator accounts• Explain how to connect to control panels and make program changes• Create panel accounts and templates• Explain diagnostics and control panel operation functions• Identify basic components and common modules of the G Series Control Panels• Explain how to arm and disarm single and multi area systems• Locate and understand operation of control panel LEDs and switches• Identify primary documentation for installing and troubleshooting control panels |
| Prerequisites: | Hands-on experience using troubleshooting equipment, including multimeters, wire strippers and screwdrivers. Students should also have basic PC skills. |

Course Content:

Module 1: RPS Overview

- Panel Compatibility
- Unattended Mode
- Minimum System Requirements
- Software Documentation and Installation
 - LAB: Installing RPS
- Software Overview
- Main Menu Overview

Module 2: RPS System Requirements and Software Installation

- Administer Functions Overview
- Upgrading RPS Software
- Database File
- System Configuration Functions

- LAB: System Configuration Setting
- Setting up Operators
 - LAB: Operator Set up
- Passwords

Module 3: RPS System Configuration, Creating and Managing Accounts

- Panel Lists
- New Panel Accounts
- Templates
 - LAB: Creating Panel Accounts
- Back up, Export, Import, and Restore
- Compare Panel Data
 - LAB: Templates and Data Management
- History
- Reports

Module 4: RPS Connecting and Programming

- Panel Programming
 - LAB 6: Setting Panel Security Levels within Data Fields
- Panel communicating Connection Options
- Modem
- Direct Connect
- Enhanced Direct-Connect
- Network Configuration Options

Module 5: G Series Overview and Features

- Security System Basics
 - Fire
 - Intrusion
 - Access
- Control Panel Features
 - General Features
 - Communications
 - Programmable Alarm Outputs On and Off Board
 - Programmable Inputs
- User Interface and Keypads
 - LCD Keypad
 - VF Keypad
 - LED Keypad
 - Fire Control and Annunciator Keypads
 - D279 Independent Point Control Keypad
 - Access Control
 - Fire Accessory Modules
 - Miscellaneous Accessory Modules
 - Certifications and Approvals

Module 6: G Series Operating the Keypad and Commands

- Available Keypads
- Arming and Disarming
 - Single Area
 - Multiple Area
 - Force Arming & Bypass Arming
 - Other Arming Commands
- Keypad Commands
 - Family of 4's

- Family of 5's
- Other Commands Commonly Used
- Without Numbers
- Service Menu
- Access Control

Module 7: G Series Installation and Hardware

- Control Panel
 - Board and Terminals
 - Operation and Installation Guide
 - Enclosures
 - Under the Faceplate
 - LEDs and Buzzer
 - Connectors
 - Switches and Pins
 - Reset Pin
- ZONEX Bus Devices
 - Points and Relays
 - D8125 POPEX and POPITs
 - D8128D OctoPOPIT
 - D8129 OctoRelay
 - DX3020 X-10 Interface
 - D8125 MUX and Points
 - ISW-D8125CW and Receivers/Transmitters
- SDI Bus Devices
 - Serial Modules
 - Installation Considerations
 - Keypads
 - D9210B Access Control Interface
 - D9131A Parallel Printer Interface
 - DX4010V2 USB/Serial Interface
 - DX4020 Network Interface

Module 8: G Series Programming

- Programming Tools
 - D5200 Programmer and Handlers
 - RPS – Remote Programming Software
 - Resources
- Work Order Overview
- Programming Modules, Categories, and Items

Final Exam: Passing grade is 75% or higher

Practical Content: At least 50% hands-on