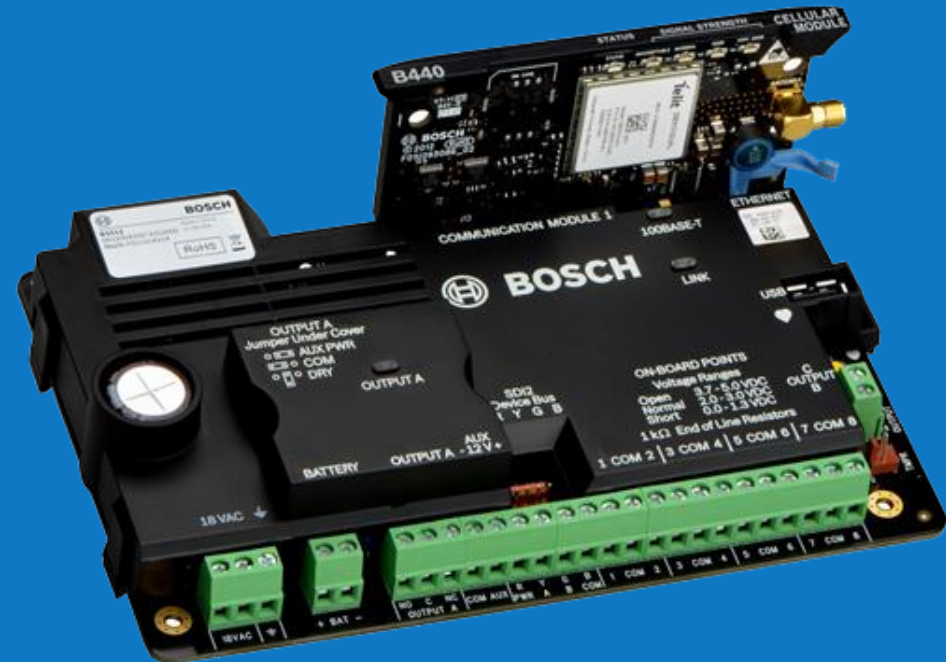


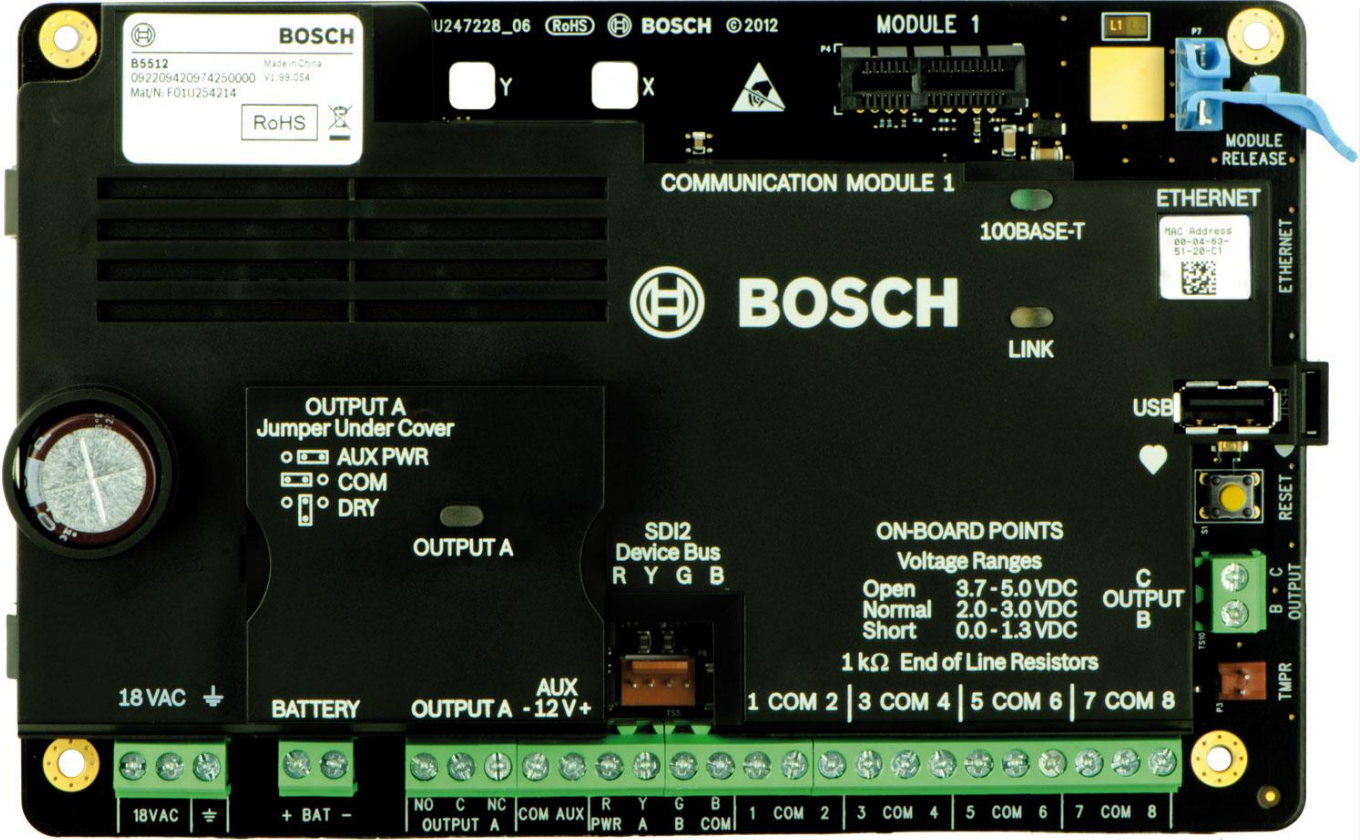


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Kit Hardware



B4512



- ✓ Main Panel, used in all Kits
- ✓ Ethernet Onboard
- ✓ USB onboard for easy programming
- ✓ Plug-In Modules
- ✓ ULC S559 Approved

B915i



Keypad, used in all Kits



LCD display



AC Status Light



ULC 559 Approved



Supervised

Plug-In Communications B444-a



Used in Kits 1 and 3



Secure IP Communication



Plug-In Modules Placed into PCI Card Slot of Panel or external module



ULC 559 Approved

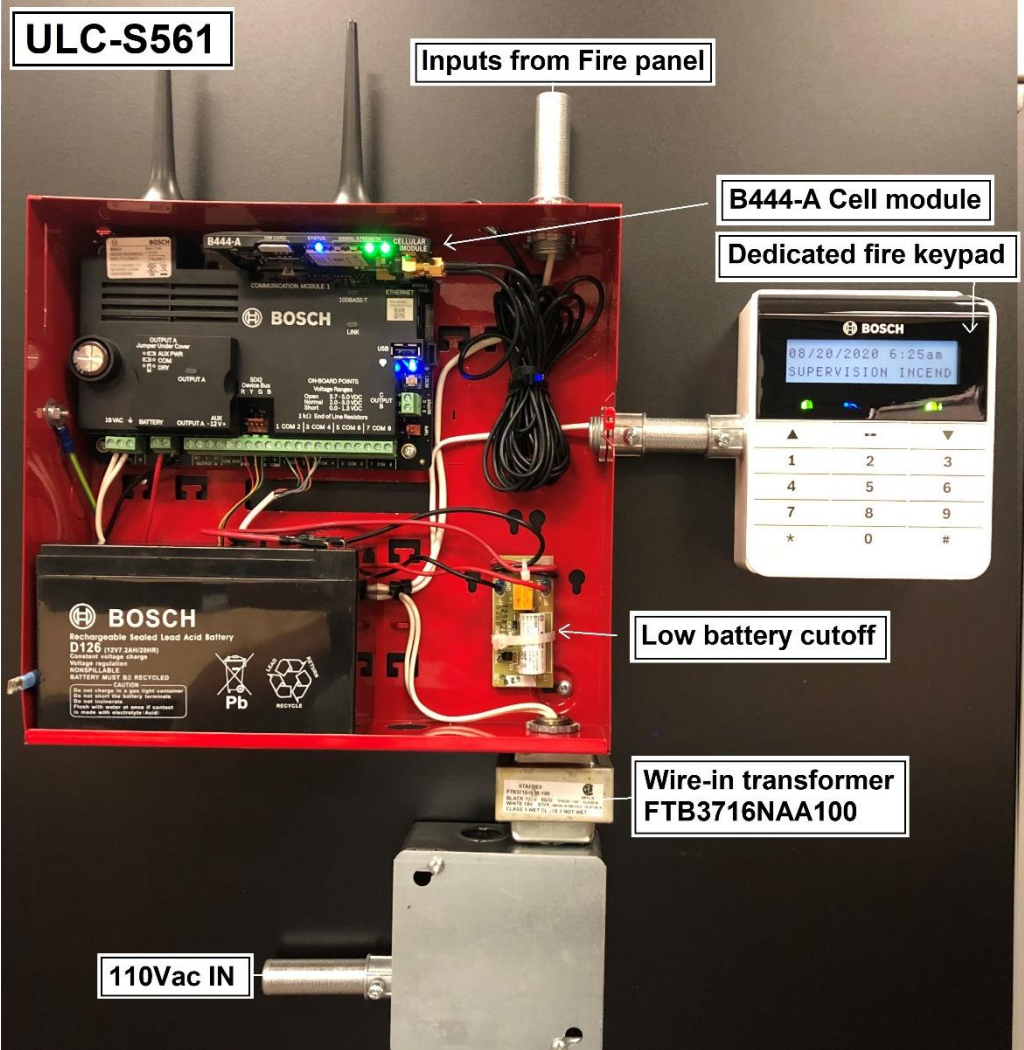


3rd party Cards can be installed
IE. Rogers, Telus, Sasktel



Optional 25 and 50' indoor / outdoor extensions

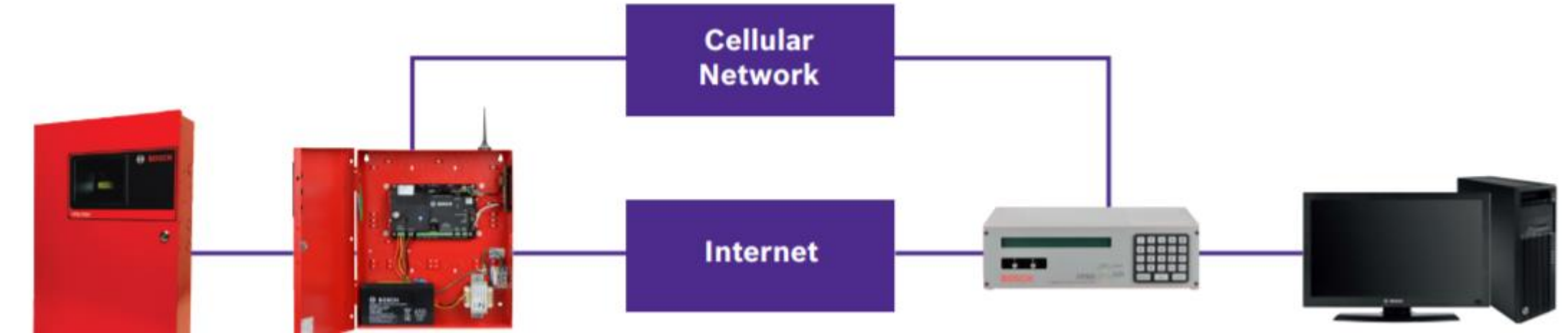
Typical Installation ULC-S561



Communications



Ethernet and Cell







- ✓ Direct to Receiver Commutations
- ✓ Single Account Number
- ✓ Dial up over POTS
- ✓ Two Paths , backup or Parallel
- ✓ ULC 559 Approved
- ✓ Supervised

Enhanced Communications – Cell and Ethernet

The screenshot shows the 'Panel View' software interface. On the left is a tree view with categories like 'COMPLIANCE SETTINGS', 'PANEL WIDE PARAMETERS', 'AREA WIDE PARAMETERS', etc. The 'Enhanced Communication' option is selected. The main area displays a table with the following data:





Enhanced Communication	Destination 1	Destination 2	Destination 3	Destination 4
Reporting Format	Conetrix: Modem4	Conetrix: Modem4	Conetrix: Modem4	Conetrix: Modem4
Receiver	A	A	B	B
Network Address	10.10.10.1	10.10.10.1	10.10.10.2	10.10.10.2
Port Number	7700	7700	7700	7700
Receiver Supervision Time	4 Hours - Medium Security	24 Hours - Daily	4 Hours - Medium Security	24 Hours - Daily
Poll Rate (sec.)	12600	64800	12600	64800
ACK Wait Time (sec.)	300	3600	300	3600
Retry Count	5	5	5	5
AES Key size	No Encryption	No Encryption	No Encryption	No Encryption
AES Encryption Key	<Default>	<Default>	<Default>	<Default>

At the bottom of the window, there are checkboxes for 'Show Color', 'Classic View', and 'Pivot'. A status bar shows 'Last Modified: 5/1/2020 11:45:31 AM' and buttons for 'Save' and 'Close'.

-  Multiple Paths
-  Multiple Backups
-  Polling Rate Options
-  ULC S559

Ethernet & Cellular

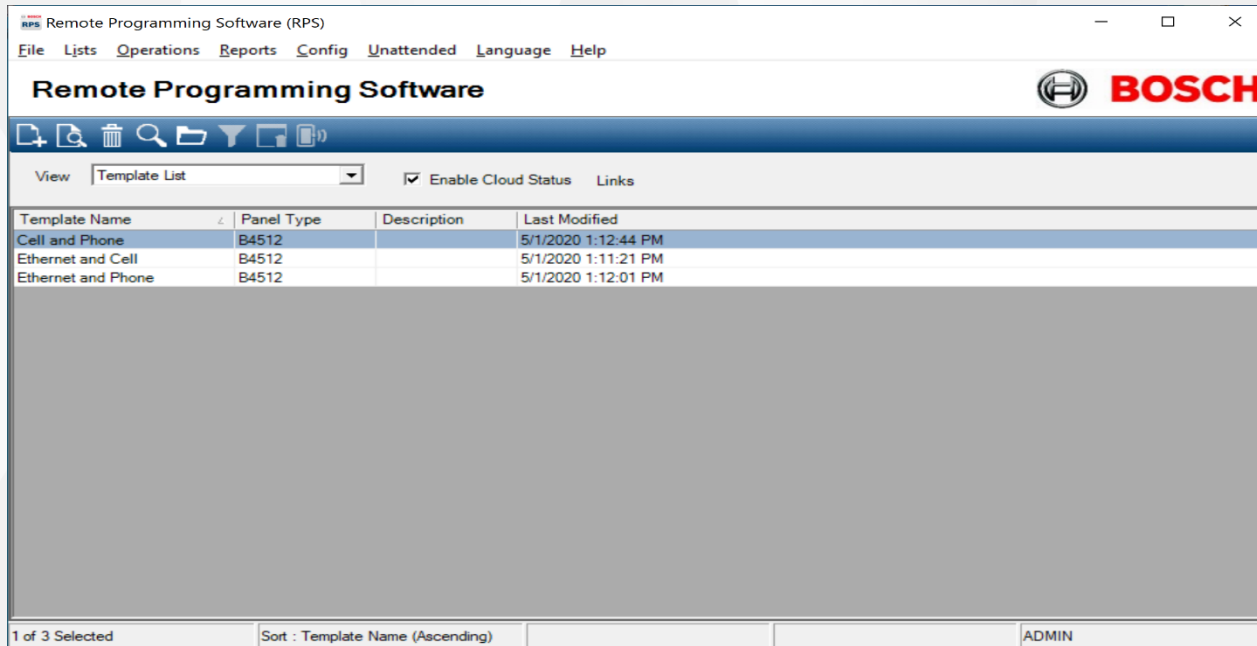
COMMUNICATOR	Route Group 1	Route Group 2	Route Group 3	Route Group 4
Primary Destination Device	Onboard IP, Destination 1	Onboard IP, Destination 3	No Device	No Device
First Backup Destination Device	Plug-in Cellular IP, Destination 2	Plug-in Cellular IP, Destination 3	No Device	No Device
Second Backup Destination Device	No Device	No Device	No Device	No Device
Third Backup Destination Device	No Device	No Device	No Device	No Device
RG Same Network Receiver	Yes	Yes	Yes	Yes
Time Synchronization	Yes	No	No	No

- 
Multiple Paths
- 
Multiple Backups
- 
Polling Rate are dynamic if primary fails
- 
ULC S559

Programming and Features



Templates



The screenshot shows the Remote Programming Software (RPS) interface. The window title is "Remote Programming Software (RPS)". The menu bar includes "File", "Lists", "Operations", "Reports", "Config", "Unattended", "Language", and "Help". The main header displays the Bosch logo and the text "Remote Programming Software". Below the header is a toolbar with various icons. A "View" dropdown menu is set to "Template List", and there is a checked checkbox for "Enable Cloud Status" and a "Links" button. The main content area contains a table with the following data:

Template Name	Panel Type	Description	Last Modified
Cell and Phone	B4512		5/1/2020 1:12:44 PM
Ethernet and Cell	B4512		5/1/2020 1:11:21 PM
Ethernet and Phone	B4512		5/1/2020 1:12:01 PM

At the bottom of the interface, it shows "1 of 3 Selected", "Sort : Template Name (Ascending)", and "ADMIN".



PC programming local or remote



Quickly Deploy New Sites

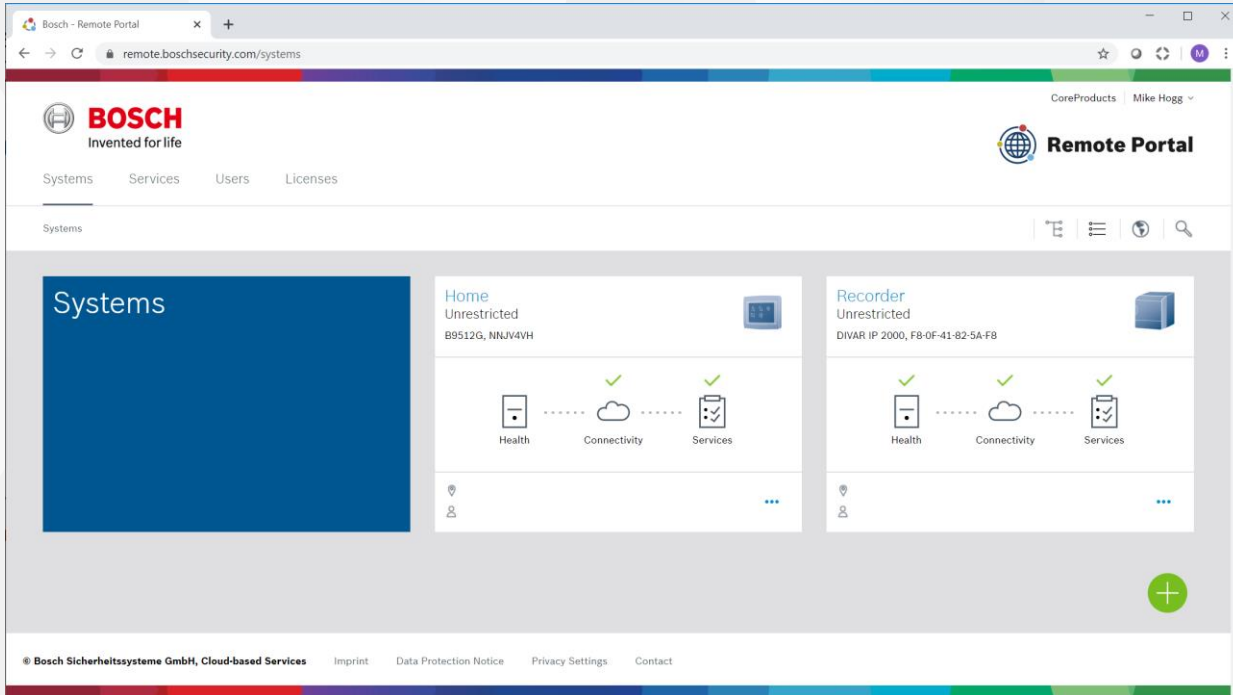


Ensure Consistent Programming



Can create Multiple templates

Bosch Cloud



No Charge Service



Multiple techs can Login



Panels Always Available

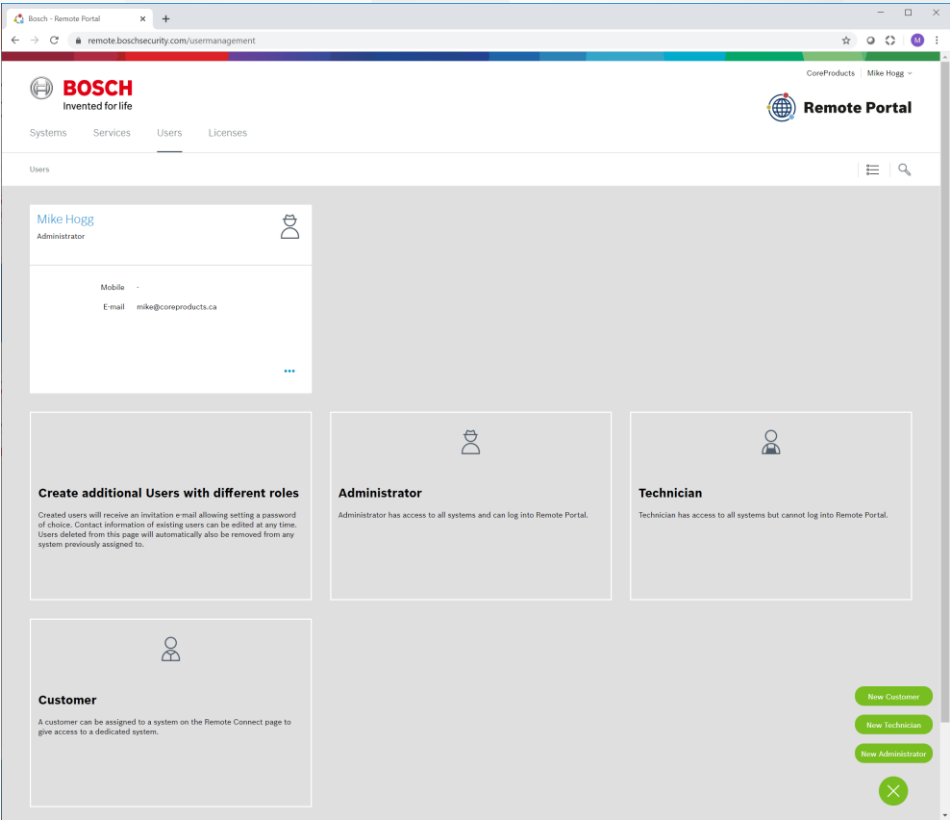


Status and Diagnostics Portal



Available over Cell and Ethernet

Bosch Cloud



- ✓ No Charge Service
- ✓ Multiple techs can Login
- ✓ Panels Always Available
- ✓ Status and Diagnostics Portal
- ✓ Available over Cell and Ethernet

Enhanced Diagnostics and Features



Ethernet Diagnostics

On-board IP

Link Status	OK
Host Name	B6812B0
MAC-4B Address	00-04-63-68-12-B0
DNS Status	OK

	IPv4	IPv6
IP Address	192.168.0.5	---
LAN Status	OK	---
WAN Status	OK	---
UPnP	Router Disabled	---

Refresh continuously

Warning: Please make sure the Control Panel configuration data is in sync with the RPS configuration data to display the correct status for SDI2 modules

- ✓ Can test connectivity via Keypad
- ✓ Local or Remote via RPS
- ✓ Verify Lan, Wan, DNS

Cellular Diagnostics

The screenshot shows the 'Diagnostics' window with a tree view on the left. The 'Plug-in Modules' section is selected. The main area displays details for two cellular modules: MOD-1 and MOD-2.

Cellular Module MOD-1	
Module Type	B444 A/V
Data Class	4G LTE
Carrier Name	Rogers Wireless
Missing	Present
Transceiver Model #	LE910-NA1
Firmware Revision	20.00.526
Electronic Serial #	89011702278249536198
Link Status	OK
Internet	OK
IP Address	10.188.14.107
Telephone Number	Not applicable
Signal Strength	Good (-110 dBm)
Towers Available	1
Base Station ID	61BD00A

MOD-2 details:

- PSTN (Public Switched Telephone Network) Module**

Missing	---
Phone Line	---
- Cellular Module Status**

Status: Activated

Get Signal Strength History (button circled in red)

Buttons: Refresh, Done

Refresh continuously

Warning: Please make sure the Control Panel configuration data is in sync with the RPS configuration data to display the correct status for SDI2 modules

- ✓ Verify from Keypad
- ✓ Local or Remote via RPS
- ✓ Signal Strength Margin etc.
- ✓ Last 192 signal pings.

Point Diagnostics

The screenshot shows the 'Diagnostics' window with a tree view on the left and a 'Point' table in the center. The tree view includes 'System' (Panel, Area, Point, Output, Area options, On-board IP, Plug-in Modules, IP Cameras) and 'SDI1x/SDI2' (Keypads, Doors, B208 Dcto-input, B308 Dcto-output, Ethernet Communicator, B520 Power Supply, Wireless Receiver, Wireless Repeater, Keyfob, B450 Bus Device Cellular, POPEX). The 'Point' table lists 8 points with their respective details.

Point #	Point Text	Point Source	Area #	Condition	Bypassed	Service Bypass
1	Main Floor Carbon Monoxide	Onboard	1	OK	Active	No
2	Furnace Room Carbon Monoxide	Onboard	1	OK	Active	No
3	Furnace Room Natural Gas	Onboard	1	OK	Active	No
4	Furnace Room Smoke Detector	Onboard	1	OK	Active	No
5	Garage Heat Detector	Onboard	1	OK	Active	No
6	Basement Rec Room Smoke Detector	Onboard	1	OK	Active	No
7	Suite Kitchen Heat Detector	Onboard	2	OK	Active	No
8	Main Flr Hallway Smoke Detector	Onboard	1	OK	Active	No

Buttons: Goto, <<, >>, Refresh, Done

Refresh continuously

Warning: Please make sure the Control Panel configuration data is in sync with the RPS configuration data to display the correct status for SDI2 modules

- ✓ Diagnose from Keypad
- ✓ Local or Remote via RPS
- ✓ Circuit status in real time
- ✓ Latched Condition

Training and Support





Examples of Training Available:

- B & G Series Professional Classes
- Specific training for this Kits online or in class
- ULC installation manual Available
- [Resource link](#)



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Questions?