Release Notes for Version 7.06   March 2007

Trademarks

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1.0   Requirements

Table 1: Required Handlers		
D5200 Handler	**Version**	**Changes and Notes**
GV2MAIN	1.02	New handler for the GV2 Series Control Panels, version 7.05 and later
RADXUSR1	1.06	Updated to support GV2 Series Control Panels
RADXUSR2	1.05	Updated to support GV2 Series Control Panels
RADXPNTS	1.08	Updated to support GV2 Series Control Panels, version 7.05 and later
RADXSKED	1.04	Updated to support GV2 Series Control Panels
GV2AUX	1.02	New handler for the GV2 Series Control Panels, version 7.05 and later
RADXAXS	1.06	Updated to support GV2 Series Control Panels
9000MAIN	NA	**Not compatible** with the GV2 Series Control Panels
RADXAUX1	NA	**Not compatible** with the GV2 Series Control Panels

☑ During the development of the GV2 Series Control Panels, some D5200 Handler version numbers were skipped.
The following version numbers were not released.

GV2MAIN v1.01
RADXUSR1 v1.05
RADXUSR2 v1.04
RADXPNTS v1.07
RADXSKED v1.03
GV2AUX v1.01
RADXAXS v1.05

Table 2: Supporting Literature for D9412GV2/ D7412GV2 with Firmware Version 7.05 and Later	
Document Name	**Part Number***
D9412GV2/D7412GV2 Program Entry Guide	F01U003636-02
D9412GV2/D7412GV2 Program Record Sheet	F01U003635-02
D9412GV2/D7412GV2 Operation and Installation Guide	F01U003641-02
D9412GV2/D7412GV2 Approved Applications Compliance Guide	F01U003639-02
GV2 Series Program Entry Guide Supplement for SIA CP-01 Compliance	F01U032733-01

* Older revisions have alphabetic revision identifiers (for example, F01U003636**B**) and do not provide information that supports version 7.05 and later firmware.

BOSCH

Use Remote Programming Software (RPS) version 5.5 and above with this software version.

To acquire an update for your D5200 Programmer, call the Bosch Security Systems, Inc. Handler Update System, toll-free, at (800) 657-4584. Make a separate phone call for each handler.

Use an analog telephone line with the D5200. The D5200 dials only pulses.

Refer to *Section 10 Updating Handlers* in the *D5200 Programming Manual* (P/N: 74-06176-000-B) for details on updating handlers.

Refer to *Table 3* for the required ROM kit part number.

Table 3: ROM Kit Part Numbers for Version 7.06	
Control Panel Model	**Part Number**
D9412GV2	R20-9412V2-ROM
D7412GV2	R20-7412V2-ROM

2.0   Corrections and Changes

2.1   Version 7.06

Changes allow RPS workstations located on a private network behind a router or firewall to communicate with control panels outside of that network. No special router or firewall settings are required. The control panels support Port Address Translation (PAT) for networks that require it.

RPS must be version 5.5 or later to support this feature.

If firewall software is installed on the RPS workstation, special software firewall settings might be required to allow outgoing traffic. Refer to your firewall software for configuration information.

Any DX4020 or D9133TTL-E used for enhanced communication to a central station receiver, or with RPS over a network, must be configured to use Datagram Mode 2 when the control panel firmware is version 7.06 and later. Refer to the *DX4020 Operation and Installation Manual* (P/N: F01U045288) or the *D9133TTL-E Installation Guide* (P/N: 4998122717) for configuration instructions.

2.2   Version 7.05

Version 7.04 was skipped during development and was not released.

- The default configuration parameters for **Path # ACK Wait Time** and **Path # Number of Retries** in Version 7.05 firmware are sufficient to meet UL 864 requirements

- Changes reset the User Code Tamper condition when it is reported to the central station in an Expanded Test Report.

- Changes ensure that the keypad emits a tone when a point is activated during a Walk Test.

- Changes prevent the ALARM SILENCED message from showing on the keypads when the Silent Alarm bell timer expires. This corrects the problem described in the *GV2 Series Control Panels Invisible Points Technical Service Note* (P/N: F01U032203).

- When a Route Group is configured with an IP destination in the primary path and a telephone number in the backup path, a break in the Network Link Integrity now annunciates locally. Refer to *Enhanced Communication Trouble* on page 6 for more details.

- Changes ensure that the D928 primary and secondary phone line failure LEDs operate only when the Phone Supervision interval is enabled.

- Corrections improve the reliability of the direct connection communication method between the control panel and RPS through a D5360.

- Corrections prevent a programmed # symbol from being dialed as a zero (0).

- If multiple areas use the same relay for the **A# Perimeter Armed** area-wide relay function, the relay activates when all areas are perimeter armed. The relay deactivates when the first area disarms.

- The sensitivity of the Ground Fault feature is modified to be equivalent with Version 6.90 and to prevent false reports.

- The authority scope problem with the Menu Key Lock feature, described in the *GV2 Series Control Panels Menu Key Lock Technical Service Note* (P/N: F01U032240B), is corrected.

- When a user changes the time and date in the control panel, the corresponding event now reports consistently the identification of the user who made the change.

- Event reporting for a relay that is set or reset using the RPS Diagnostics screen is changed to indicate that the operation was done "By Programmer" instead of "By Remote." For example, setting a relay with RPS now sends a `Relay Set by Programmer at SDI 88` event.

- Corrections improve the user interface for the Door Control sub-menu (CMD 46) in the D1260 and D1260B Keypads.

- Changes now require users to have an **L# Door Control** authority level to enter the Door Control menu. Formerly, only the **L# Cycle Door** authority was required.

- Corrections to the Door Control menu (COMMAND 46) for the D1260 and D1260B Keypads restrict the menu items based on the **L# Cycle Door**, **L# Unlock Door** and **L# Secure Door** settings.

- Minor corrections improve the user interface for the following function list menus on the D1260 and D1260B Keypads:

```
Master Arm?
Master Arm Instant?
Perimeter Arm Delay?
Perimeter Arm Inst?
Disarm?
```

2.3   Version 7.03

- Changes allow Custom Functions to operate correctly in the Function List when **CC# Menu Lock** is set to **Yes** on the D1260 and D1260B Keypads.

- Corrections disassociate the **L# Display Revision** authority level from the Service Menu on the D1260 and D1260B Keypads.

- Corrections ensure that the authority level permissions of each **L# Custom Function ###** are strictly associated with the correct Custom Function number.

- If **Expanded Test Report** is set to **Yes**, Summary Fire Supervision, Summary Fire Fault, Summary Control Point Fault and Summary Point Device are now included when a test report is sent using COMMAND 41 or a sked.

- Corrections enhance the reliability and performance of RPS network connection. These corrections also decrease the delay in reporting a break in the Ethernet connection to the control panel's Network Interface Module within the time limits required by UL.

- For UL 1610 Line Security (formerly Grade AA) Intrusion System installations and for UL 864 Commercial Fire installations, use the parameters shown in *Table 4* when configuring the Heartbeat Poll. For additional details, refer to *Programming Path Numbers and IP Addresses for Enhanced Communications* in the *D9412GV2/D7412GV2 Program Entry Guide* (P/N: F01U003636).

> ✓ The recommended settings in *Table 4* (Poll Rate of 75) enable the control panel to annunciate locally, within 200 seconds, any break in the network communication path.

Table 4:	Parameters for Heartbeat Poll Configuration in Version 7.03[1]		
Number of IP Paths	Poll Rate (sec)	ACK Wait Time (sec)	Number of Retries
1	30	6	2 to 19
1	30	8	2 to 12
1	30	10	2 to 8
1	30	12	2 to 5
1	30	14	2 to 3
1	60	6	2 to 14
1	60	8	2 to 8
1	60	10	2 to 5
1	60	12	2
1	**75**[2]	**10**[2]	**3**[2]
1	90	6	2 to 9
1	90	8	2 to 4
1	90	10	2
1	120	6	2 to 4
1	145	5	2
2	**75**[2]	**8**[2]	**3**[2]
3	**75**[2]	**6**[2]	**3**[2]
4	**75**[2]	**5**[2]	**3**[2]

[1] The parameters in this table are for Version 7.03 **only**.

[2] Recommended settings for the corresponding number of IP paths.

- Corrections allow the **Path # Retry Count** value to be used as the number of retries instead of the number of transmission attempts.

- When the control panel disconnects from an RPS session using the network and the "Reset Panel" checkbox is set, the control panel now logs a Remote Reset event instead of a Reboot Event.

- Corrections now prevent the D9412GV2 and D7412GV2 Control Panels from performing a watchdog reset when an area is armed with more than 75 manually bypassed points or has more than 75 force bypassed points.

- Corrections now prevent the D9412GV2 and D7412GV2 Control Panels from performing a watchdog reset when an area with **A# Area Type** set to **Shared** is individually armed. Shared areas should not be individually armed or disarmed.

- Corrections now prevent a duress passcode from being accepted by a keypad currently in an area that has **A# Duress Enable** set to **No**. If the Duress feature is used, A**# Duress Enable** should be set to **Yes** for all areas.

- The alternate function of Area 6 Silent Alarm Relay parameter was removed. To enable Fire Trouble Resound support, use **GV2AUX➜MISCELLANEOUS➜Fire Trouble Resound.**

- The alternate function of Area 5 Silent Alarm Relay parameter was removed. The Ground Fault detection feature is solely enabled by closing Switch S4 on the D9412GV2 and D7412GV2 Control Panels.

- Changes now suppress the ALARM SILENCED message when a user attempts to silence a Ring Until Restored fire bell. A fire alarm generated by a point with the Ring Until Restored (**P# Ring Til Rst**) feature set to **Yes** will sustain the fire bell until the sensor is restored.

- Corrections ensure that acknowledged Silent Alarms scroll correctly on the idle text displays on the D1260 and D1260B Keypads.

- Corrections now allow a user's token, with **L# Disarm Level** set to **I**, to disarm the interior of all areas within the scope of the keypad programmed at **D# CC# Scope**. The keypad programmed at **D# CC# Scope** must have **CC# Passcode Follows Scope** set to **Yes** to disarm the interior of all areas within scope.

- Corrections now allow the panel-wide Communications Failure Relay output to activate when events in Route Groups 2 through 4 do not reach the central station. Previously this relay output activated only on a communication failure for Route Group 1.

2.4 Version 7.02

- The Phone Line Supervision feature has improved accuracy in detecting the phone line.

- The Modem IIIa^2 product ID is changed to the same ID as the G Series control panels, allowing compatibility with non-Bosch central station receivers.

2.5 Version 7.01

The following are corrections and changes made since Version 6.60 in the G Series Control Panels.

- The GV2 Series Control Panels have the same response to low AC voltage as to an AC failure.

- If the control panel battery is detected as missing, the Walk Test function skips the Battery Test.

- Several system stability issues are fixed to prevent erroneous Parameter Checksum Failures.

- The Service Walk Test on the D7412GV2 and D7212GV2 now shows the correct maximum number of points in the system.

- The Telephone Ground Start circuitry and associated programming prompts are removed from the GV2 Series Control Panels.

- The GV2 Series Control Panels require the D6500 receiver to have a D6511 MPU card at version 1.06 or above for maximum communication efficiency.

- The Extend Close (COMMAND 51) feature was modified to prevent the new Close Window time from setting to a value earlier than the current time.

- When disarming an area with Two Man Rule enabled, the keypad waits for the time equal to the exit delay for the area. If the second passcode is not entered before the prompt times out, then the rule resets and waits for the first passcode again.

- Several changes in this release prevent local alarm events from being sent intermittently to the central station. All local alarm events should now remain local.

3.0 New Features

3.1 Version 7.05 – UL 864 and ANSI/SIA CP-01 Compliance

3.1.1 UL 864 Compliance

> Version 7.04 was skipped during development and was not released.

Support for D1255RB and D1256RB Keypads, and D1257RB Annunciator

The D9412GV2 and D7412GV2 Control Panels, version 7.05 and above, support the new D1255RB and D1256 Keypads and the new D1257RB Annunciator. These new devices have four LEDs added to indicate Fire Alarm, Trouble, Supervisory, and Alarm Silenced. This LED feature is enabled automatically when a D125xRB device is installed. Refer to the *D9412GV2/D7412GV2 Program Entry Guide* (P/N: F01U003636-01). Previous versions of the program entry guide do not include information related to the D125xRB devices.

Idle Text Scroll Lock

To comply with UL864 9th Edition requirements for a Fire Command Center, set the idle text scroll lock feature to **Yes**. Select **GV2MAIN→COMMAND CENTER→Command Center Assignments→ CC# Idle Scroll Lock**. The D125xRB keypad idle text display locks until a user manually acknowledges an alarm or trouble condition. The unacknowledged idle text display updates automatically to the highest priority alarm or trouble type if one occurs. When the user presses the [NEXT] key, the idle display is acknowledged and the scroll is unlocked.

Auxiliary Power Supply Monitor

A new point type is added to monitor auxiliary power supply modules. If *P# Point Type* is programmed with **11 – Aux AC Supervision** and the associated point goes off-normal, a Point Trouble condition occurs immediately. Any Trouble events generated from an Aux AC Supervision point are delayed by the time programmed in *AC Fail Time*. This feature is necessary to comply with UL864 9th Edition requirements.

Battery Recharge Circuit Monitor

Control panel firmware now monitors the battery recharge circuit to ensure that the backup power of the control panel is available when needed. If the control panel detects that the on-board battery is not recharging correctly because of a hardware failure, a battery trouble condition occurs. This feature is always on and cannot be disabled.

Reset Switch Trouble Annunciation

A new feature is added to annunciate trouble locally if the Reset Switch (S1) is closed. The trouble annunciation is an intermittent beep from the on-board sounder. The sounder is silenced when the switch is opened. This feature is always on and cannot be disabled.

Fire Bypass Trouble Annunciation

The Fire Bypass warning display is modified to generate a Trouble warning tone that can be silenced with [COMMAND][[4]. The trouble condition self-clears when all bypassed fire points within the keypad's scope return to service. This feature is always on and cannot be disabled.

Summary Fire Relay Options

An option is added that changes the duration of the Panel Wide Summary Fire Relay output. Select **GV2AUX→MISCELLANEOUS→Fire Summary Sustain**:

Yes Summary Fire Relay clears when all Fire Alarms are cleared from the display.

No Summary Fire Relay clears when the area Fire Alarms are silenced and all area Fire Points return to normal.

The default option is **No**. This option is consistent with the Summary Fire Relay operation in the previous versions of the D9412G and D7412G Control Panels. This feature provides a way to maintain the fire strobes after the alarm bell outputs are silenced.

Enhanced Communication Trouble

> The default configuration parameters for the poll rate, ACK wait time, and number of retries complies with UL.

When an Enhanced Communication Trouble condition occurs, it generates a system-wide trouble message (COMM TRBL SDI ##). The new trouble message includes the address of the virtual SDI device.

> Address 88 = Enhanced SDI Path 1
> Address 89 = Enhanced SDI Path 2
> Address 90 = Enhanced SDI Path 3
> Address 91 = Enhanced SDI Path 4

The trouble condition is also sent through a backup path to the central station as Communication Trouble SDI ##, using the same virtual address numbers as the trouble messages. The communication trouble event also creates new Modem IIIa^2 messages that the central station might need to add to their automation software. Refer to Events 157 to 160 in the *Modem IIIa^2 Messages* section of the *Appendix* in the *D6600 Computer Interface Manual* (P/N: 4998122703) for the details of central station data changes.

3.1.2 ANSI/SIA CP-01 Compliance

> Minimum system requirements for Classification in accordance with ANSI/SIA CP-01-2000:
>
> - UL Listed and Classified control unit Model D9412GV2, D7412GV2, or D7212GV2
> - UL Listed and Classified keypad Model D1256, D1257, D1260, D1255, D1255R, or D1255 RW
> - UL Listed Local Bell

> For detailed descriptions and settings required for SIA CP-01 compliance, refer to the *GV2 Series Program Entry Guide Supplement for SIA CP-01 Compliance* (P/N: F01U032733).

Exit Delay Warning

Prompt: *A# Exit Warning*

When enabled, the Exit Delay tone at all keypads in an area about to arm is replaced by a fast Trouble Tone for the last ten seconds. The Alarm Bell output also pulses ON and OFF for the last ten seconds of the Exit Delay.

Entry Delay Warning

Prompt: *A# Entry Warning*

When enabled, the Alarm Bell output pulses ON and OFF for the last ten seconds of the Entry Delay.

Exit Time Restart

Prompt: *A# Exit Restart*

When enabled, this feature causes an area's Exit Delay timer to restart upon re-entry. To consider the area as vacated, the control panel must detect a point with a delay alarm response changing from normal to off-normal, and back to normal. When vacated, a fault on any point with a delay alarm response during the remaining Exit Delay causes the countdown to restart from the beginning.

Exit Error

If a point with a delay alarm response remains off-normal when the Exit Delay expires, the Entry Delay starts. If the system is not disarmed within the programmed time, an Exit Error Alarm is generated. This feature is always enabled and has no configuration parameters.

Master Arm – No Exit

Prompt: *A# Arm No Exit*

When enabled, this feature sets an area's arming state to Perimeter Armed if no perimeter points with delayed responses are faulted and returned to normal in that area during the Exit Delay of a Master Arm attempt. This feature applies to CMD 1, Passcode arming, Keyswitch and remote master arming.

Fixed Passcode Length

Prompt: *Passcode Length*

When enabled, this feature sets a fixed length to all user passcodes. During Entry Delay, the code is accepted when the last digit is pressed to disarm the area. At any other time, the [Enter] key is required for acceptance of the code.

> ☑ To be ANSI SIA CP-01 compliant, the Fixed Passcode Length feature must be enabled. For backward compatibility, Fixed Passcode Length is disabled by default
>
> If you change the Fixed Passcode Length value to 4 or greater, you must also change the default Service Passcode to match the new length.

Remote Arm/ Disarm Output

Prompt: *Remote Warning*

When enabled, this feature uses the Alarm Bell output to annunciate the arming and disarming of an area by remote means, such as by keyswitch, key fob, or remote software (RPS, BIS Security Engine). When arming occurs, the output pulses for two seconds. When disarming occurs, the output pulses ON, OFF, ON, OFF for two seconds each.

Abort Window

Prompts: *CC# Abort* **Display**, **P#** *Alarm Abort*, *Abort Window*

This feature is always enabled, but it only applies to intrusion alarm events generated by points that have **P#** *Alarm Abort* set to **Yes** and **P##** *Invisible Pt* set to **No**. When an intrusion alarm event is annunciated, the user has the duration of time programmed in the **Abort Window** prompt to enter a valid passcode to prevent the alarm event from being transmitted to the central station. When transmission is aborted successfully, any keypad with **CC#** *Abort Display* set to **Yes** shows ALARM NOT SENT.

Cancel Window

Prompt: *CC# Cancel Display*

The burglary alarm cancel window is enhanced by an optional keypad display. When **CC#** *Cancel Display* is set to **Yes** and *Cancel Report* is set to **Yes**, an alarm silence operation after event transmission displays CANCEL RPT SENT on the keypad. The burglary alarm cancel window duration is the time programmed in the **A#** *Alarm Bell* prompt.

Duress Passcode

Prompts: *Duress Type*, *A# Duress Enable*, *L## Send Duress*

A new duress option is available that allows any passcode with the **L#** *Send Duress* permission set to **Yes** to **always** send a Duress Alarm event upon entry. This feature allows the control panel to have uniquely dedicated passcodes for all users. Additionally, when this feature is enabled, the Passcode +1 and +2 features are disabled for compliance with SIA CP-01-2000 regulations.

Swinger Shunt Enhancement

Prompt: *Swinger Count*

The Swinger Bypass feature is enhanced to allow a variable number of faults before automatically bypassing a point. When a point with *P# Swinger Bypass* set to **Yes** is faulted the number of times programmed in *Swinger Bypass Count*, it is automatically bypassed.

Power-Up Standby

When the control panel is powered up, or the system is rebooted, all points are now temporarily bypassed for 60 seconds. This feature is always enabled and has no configuration parameters.

Walk Test Enhancements

The Walk Test procedure is enhanced to provide more user feedback. The Walk Test now indicates that the menu is ready to time out, and clearly notifies the user at all keypads in the area of operation when a test is in progress. Additionally, the Walk Test procedure issues point trouble conditions for any 24-hour points that remain off-normal when the Walk Test menu idle time expires. These enhancements are always enabled and have no configuration parameters.

3.2   Version 7.01

3.2.1   D1260 Keypad Enhancements

The D1260 Keypad **must have** firmware version 1.03 or above to operate with the GV2 Series Control Panels. An update kit (P/N: R19-D1260-0103) is available from Customer Service: (800) 289-0096.

Custom Function Enhancements: The custom functions now support the soft keys (the eight unmarked keys around the display) on the D1260 Keypad. This change makes the operation of custom functions on D1260 Keypad easier to program.

D1260 Keypads with firmware version 1.03 or above do not need to check the control panel firmware revision when communicating with GV2 Series Control Panels; therefore, the Display Revision (COMMAND 59) keypad (command center) function can be password protected.

The D1260 and D1260B Keypads can be used with *CC# Supervision* set to **No** to allow multiple Enhanced Keypads at the same address.

3.2.2   New Firmware Features:

Two Man Rule: Two Man Rule requires two unique passcodes to be entered at the same keypad to disarm an area. Without the second passcode, the system denies entry. Two Man Rule requires the presence of two people at opening, providing added security.

Early Ambush: Early Ambush requires two passcode entries on the same keypad or on two separate keypads located in the same area. Enter the same passcode twice or enter two unique passcodes, depending upon the configuration. The first entry disarms the area and the second entry stops a timer programmed to send a duress event. If the second entry does not occur within the preset time, the system generates a duress event. Early Ambush allows users to inspect the premises and use the system to confirm that the area is safe to enter, providing added security.

Easy Exit Control:
The GV2 Series Control Panels change from one armed state to another armed state without disarming. For example, if you change the state from Master Arm to Perimeter Arm, the control panel complies and reports the change. Easy Exit Control reduces the number of keystrokes and simplifies system operation.

Passcode-controlled Menus: The system prompts a user to enter a passcode before viewing the keypad function list menu. The system shows the user the menu options allowed according to the user's authority level. Passcode-controlled menus simplify system operation by providing a user with unique and pertinent options and information. This feature is not intended for use on D1256 Fire Keypads.

Passcode Follows Scope: Use Passcode Follows Scope to restrict passcode arming and disarming only to the keypad's immediate local area. Passcode Follows Scope simplifies the arming and disarming procedure without limiting any other keypad command capabilities.

Invisible Walk Test: A function list menu item allows the user to test invisible interior- or perimeter-controlled and non-controlled (24-hr) points within the scope of the keypad without sending a report to the central station.

Door Activated Custom Function: A custom function activates when user credentials are presented to the reader of a D9210B Access Control Interface Module. A custom function behaves as though the user performed a function at the keypad associated with the door controller. This feature is available only on the D9412GV2 and D7412GV2.

Latest Close Time: The Extend Close (COMMAND 51) function is enhanced with a programmable latest closing time.

4.0 Upgrading to a GV2 Series Control Panel

Remote Programming Software (RPS) version 3.7.160 or above is required to upgrade an existing G Series Control Panel installation to a GV2 Series Control Panel. Because the GV2MAIN and GV2AUX handlers cannot read the configuration data from a G Series Control Panel, using RPS is the only method available to convert an account's existing panel type to a D9412GV2 or D7412GV2.

Refer to the RPS help files for the specific control panel for additional information on control panel conversion. In the RPS help file, select:
Panel Specific Information→9000 Series Control/Communicators→Communicating with 9000 Series Panels→Upgrading a Panel Type

Hardware Enhancements

- The control panel has an SDI bus quick-connect terminal (Molex® connector) next to the S1 reset switch. This connector provides an easy way to connect an SDI device to the SDI bus without disconnecting the wires on SDI Terminals 29 through 32. To order SDI wiring harnesses, use the following part numbers: Molex to Molex (P/N: C321) and Molex to terminal (P/N: PKWH).

> This SDI terminal **is not compatible** with the D5200 Programmer.

- Two new posts next to the on-board telephone jack allow easy connection of a butt set or telephone for troubleshooting purposes. The posts are labeled TIP and RING.

> The telephone line supervision time might be affected when a butt set or telephone is connected to the telephone terminal posts.

- On-board Relays B (Terminal 7, labeled Alt Alarm) and C (Terminal 8, labeled SW Aux) are now installed in the factory. No supplemental installation or purchase is necessary to prepare these terminals for use.

- The battery backed-up RAM now has a Super-Cap installed. The Super-Cap maintains power for up to 30 minutes to the control panel's memory when replacing the lithium battery. In earlier G Series Control Panels, if the coin battery was removed and the control panel was powered down, all configuration was lost. This enhancement allows the control panel to retain its configuration during necessary battery replacement.

- The D928 line monitor senses trouble if voltage on the line falls to 5.0 to 7.0 VDC without a corresponding value of at least 13 mA of current.

- The GV2 Series Control Panels now have integrated watchdog supervision. The D928 Dual Phone Line Switcher is no longer needed, but is still fully supported.

5.0 Known Issues

- When a faulted local point is force armed, the central station receives a Forced Close Report for that point. In the current version, the control panel does not send Forced Close Reports for faulted local points.

  In addition, if both a local and a non-local point are faulted and force armed, the control panel does not send Forced Armed, Forced Point, or Forced Close Reports for the non-local point.

> A point is local if it is configured as:
>
> ***Local While Armed*** = **Yes**
> ***Local While Disarmed*** = **Yes**

- On the D1260 and D1260B Keypads, View Area Status does not show the default area status text. Instead, it shows the custom area status text programmed in the program record sheet.

- On the D1260 and D1260B Keypads, the Setup?> menu under the Service Menu (99 + ENTER), is currently unavailable. The default values for the Bright Dim mode are Bright = 10 and Dim = 3.

- When numerous devices are connected to the SDI bus, the performance of automation applications and keypads is slower than in previous G Series control panels. The performance will be improved in a future revision.

- When a Status Report is sent through Netcom to a central station receiver or is printed out through a D9131A printer module, some of the details are erroneously omitted.

- On the D1260 and D1260B Keypads, when the Sensor Reset command (COMMAND 47) is executed, `Call for Service` appears erroneously on the display for a brief time. This effect also occurs when the control panel reboots.

- The Anti-Replay feature is intended for use with only one IP reporting path. Do not set *Enable Anti-Replay* to **Yes** if two or more IP reporting paths are used.

- The Time Sync feature used to update the control panel's internal calendar clock automatically can cause intermittent erroneous skipping or duplication of skeds. The Time Sync feature uses an enhanced communication path and can be enabled or disabled only at the D6600 Receiver.

- Change the Service Passcode (User ID 0) factory default value when the ANSI SIA CP-01 required Passcode Length parameter is 4 or greater.

- The RPS call-back feature using the network is not available. Leave **GV2AUX➜SDI RPS Parameters➜Call Back Enabled?** at the default value of **No** when using Version 7.05.

- The Command 43 RPS connect using the network feature is not available in Version 7.05.

- When arming the last associate area from a D1260 or D1260B Keypad, any points that are not ready to arm in a shared area are automatically bypassed instead of force bypassed.

- Using a D1260 Keypad to View Point Status on a GV2 Series control panel with version 7.03 or 7.05 firmware causes the keypad to become unresponsive if any area contains only one point. You can use `View Point Status` to scroll through the system's points until you reach the point that is the only point in an area. When you reach this point, the **Previous** and **Next** buttons do not function. If you press the **Exit** button, the system returns to normal operation. For resolution information, refer to *Unresponsive D1260 Keypad Technical Bulletin* (P/N: TBI 02-09-07 01), available on the Bosch Security Systems, Inc. Web site (www.boschsecurity.us).

Notes