Bosch Security Systems is pleased to announce the release of the DS7400Xi version 3.09. Version 3.09 provides several major feature enhancements. A summary of these upgrades is shown below. Additional information is available in the DS7400Xi Reference Guide (P/N 28995) which is shipped with the control panel, or by calling Bosch Security Systems Technical Support.

1) *Interior Delay Zone Function (V3.09)*

An Interior Delay Zone Function has been added to the DS7400Xi panel. An Interior Delay Zone will initiate an entry delay time before generating an alarm and alerting the central station when the panel is armed normal. The keypad will sound during the entry delay. If the panel is disarmed before the entry delay time expires, no alarm will be generated and the central station will not be notified. If the panel is not disarmed before the entry delay expires, alarms will be generated according to the panel programming and the central station will be notified.

2) *Bypass and Unbypass (Bypass Restoral) Reporting (V3.09)*

In current versions of the DS7400Xi control panel, when zones are bypassed a trouble report is sent. With version 3.09, the panel sends separate bypass reports and bypass restoral reports. All perpetually armed zones (i.e. 24-hour, fire, day monitor, etc.) will send a bypass report when the zone is bypassed by the user (if bypassing is allowed). A bypass restoral report is then sent when the zone is unbypassed. All zones that are not perpetually armed will send a bypass report only when the control panel is armed. These zones will automatically restore when the panel is disarmed.

3) *Tamper Restoral Reports (V3.09)*

Zones that restore from a tamper or trouble conditions send a generic zone restoral report in current versions of the DS7400Xi control panel. This same report is sent when the zone restores from an alarm condition.
Version 3.09 will send a unique zone trouble or tamper restoral report when a zone is restored from a tamper or trouble condition.

4) *Automatic Disarming (V3.09)*

This programming capability allows the panel, by partition, to be disarmed automatically at a specific time each day of the week.

5) *Partial Armed Output (V3.09)*

Outputs can be programmed to follow a partial armed status. When the panel has been partially armed in any way (i.e. force bypassing and manual bypassing zones), including custom arming ([PIN] + [#] [4]), these outputs will initiate.

6) *Zone Test from Master Keypad (V3.09)*

In current versions of the DS7400Xi a zone walk test cannot be performed from a master keypad. With version 3.09 zone tests can now be performed from master keypads in single partition mode. The test must be performed on each partition individually in order to test all zones in the system.

7) *LCD Backlight (V3.09)*

The LCD backlight can now be programmed to turn off automatically after 30 seconds without a keypress. The backlight will turn on with any keypress.

8) *Programmer's Mode Timeout (V3.09)*

The DS7400Xi control panel will now automatically time out of the programmer's mode after 30 minutes.

9) *Single Partition Mode Timeout (V3.09)*

When displaying zone information in single partition mode, all of the zone information will be displayed at least one time before the single partition mode times out.

10) *Communicator Test from Master Keypad (V3.09)*

A communicator test is now executable from a master keypad. The account code for Partition 1 will be sent.

11) *30 Second Bell Timeout (V3.09)*

When the bell cutoff timers are programmed as 9 9, the actual bell cutoff time will be 30 seconds for both fire and burglary alarms.

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12) Personal Dialing Format (V3.09)

A new Personal Dialing format has been added to the DS7400Xi control panel. The panel can be programmed to send reports to a pre-assigned phone number through a series of tones which correspond to the programmed reporting digits. The party answering the call from the panel can determine the panel condition and reason for the call by counting the number of tones transmitted by the panel.

13) No Backlight on AC Fail (V3.09)

If AC power is lost, the keypad backlights will go off but will restore when any key is pressed. The backlight will stay on for 30 seconds unless another key is pressed.

14) Tamper/Trouble Reports for Swinger Shunts (V3.09)

Trouble reports can now be programmed to generate for swinger shunts.

15) DS7420i Line Toggle (V3.09)

When using a DS7420i Dual Phone Line/Bell Monitor, the DS7400Xi panel will alternate between phone numbers when sending a test report to the central station every 24 hours.

16) Fire Alarm Reset (V3.09)

In current versions, when a fire alarm is reset and the zone restores during the reset period, the zone will occasionally re-alarm when the reset period expires. This has been corrected in version 3.09.

17) Swinger Shunt Bypass Report (V3.09)

A bypass report will now be sent if a zone is bypassed due to a swinger shunt condition. A bypass restoral report will be sent when the panel or area is disarmed.

18) Closing Reports Control (V3.09)

Because bypass reporting has been added, the programming item that used to allow a trouble report to be sent at close when zones were bypassed has been changed. That programming location will now be used to determine if closing reports should be sent at closing or following the exit delay. The programming location is 0187, data digit 2. Note that when selecting the "First to Open, Last to Close" (value 9) option in data digit 1, you must use "At Closing" (value 0) for closing reports in data digit 2.

19) Software Version 3.08

Revision 3.08 was not released.

20) History Reports (V3.07)

Revised History Reports for the Multiplex Smoke Detectors.

21) Software Versions 3.05 and 3.06

Revisions 3.05 and 3.06 were not released.

22) Fire Walk Test (V3.04)

Revision 3.04 incorporates a "Fire Walk Test" to allow the manual testing of all fire zones in the panel. Two new reports "Fire Walk Test" and "Fire Walk Test Restore" are available to notify the Central Station that the Fire Walk Test is in progress. No fire alarm reports are sent during the Fire Walk Test.

23) Multiplex Smoke Detectors (V3.04)

The DS7400Xi now has the capacity to use the new MX280 Series Multiplex Smoke Detectors. These Low Profile Smoke Detectors mount directly to the Multiplex Bus and have the ability to self-monitor the sensitivity of the detector using the ChamberCheck feature. When a smoke detector is out of its' sensitivity range, the keypads will display "Dirty Chamber" and the panel may be programmed to send a "Dirty Chamber" report to the Central Station. The MX280THL Smoke Detector also has the ability to send a Low Temperature ("Freeze Alarm") report when the temperature in the building is less than 45 degrees F for 30 minutes or more. The MX280 Series Smoke Detectors are currently available.

24) Auto Arm Sounders (V3.04)

You may now select (in addresses 0202-0205) whether or not the sounders are activated during the Auto Arm period.

25) Battery Test (V3.04)

The internal battery is now automatically tested every two minutes.

26) ROM Size Change (V3.03)

Revision 3.03 and higher of the DS7400Xi now uses a 32-pin ROM. The board revision required for this ROM is 29230F. Controls manufactured prior to the introduction of the 32-pin socket included a 28-pin socket and can not be upgraded using version 3.03 or above.

27) LED Keypads Zone Display (V3.03)

The LED keypads were only displaying the lowest numbered zone when multiple zones were faulted. LED keypads will now properly display all faulted zones (for which an LED exists). LED keypads will still only display zones 1 through 8 (for DS7445) or 1 through 6 (for DS7443).

28) Outputs Following Panic/Duress (V3.03)

Outputs configured to follow Panic/Duress events assigned to All Partitions will now come on for any panic/duress event. Those outputs will also energize, as stated in the Reference Guide Section 8.4, for any Silent or Invisible zone violation.

29) Duress PIN Operation (V3.03)

When using the Duress PIN to disarm a partition when in single partition mode on a master keypad, the user will now be able to toggle through all partitions using [#] [#]. Also, any outputs configured to follow Panic/Duress events will now remain on until a valid [PIN] + [OFF] sequence is issued by a user with at least General Authority.

30) ARDIS Acknowledgment Wait Time (V3.02)

In response to a requirement from ARDIS, the time that the panel will wait for an acknowledge signal from ARDIS has been increased from 30 to 45 seconds.

31) "Not Ready" Display Changes (V3.02)

The "Not Ready" display will now indicate the number of the violated zone in all cases except for Invisible zones. Invisible zones that are violated will not display until a [PIN] + [OFF] sequence is entered. On a master keypad, an area with a violated invisible zone will display "Not Ready" but will not display any zone number.

32) Arming During the Auto-Arm Warning Period (V3.01)

When a panel is disarmed after having been armed during the Auto-Arm Warning period, a subsequent [PIN] + [OFF] sequence will no longer initiate another 30 minute Auto-arm timer.