

# Product Update

## Bosch Security Systems

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**Concerns:** New Feature Update

**Affects:** DS7400Xi Control Panel, v4.03

**Date:** September 21, 2000

Bosch Security Systems is releasing the DS7400Xi Control Panel, version 4.03. This version provides several major feature enhancements that are summarized in this document. Additional information is available in the *DS7400Xi Reference Guide* (P/N: 40816) that is shipped with the control panel. You can also call Bosch Security Systems Technical Support at (888) 886-6189.

### 1. Zones Increased to 248

The total number of zones was increased from 128 to 248, including 8 on-board zones plus 240 multiplex bus zones. If not using RF, Zones 9 through 248 are wired multiplex zones. If using RF, Zones 9 through 128 are wired multiplex zones, Zones 129 through 136 are reserved for receiver status information and RF keypads, and Zones 137 through 248 are RF only. This provides a total of 128 wired zones and an additional 112 zones (137 through 248) available as RF.

### 2. Zone Functions Increased to 30

The total number of zone functions increased from 15 to 30.

### 3. Outputs Increased to 79

The DS7400Xi Control Panel has 79 available outputs, including 3 on-board outputs. Two DS7488 Octal Relay Modules are supported on the option bus that provides 16 additional outputs. Also, there are up to 60 DS7465 I/O Modules supported on the multiplex bus.

You can program the octal relay modules to follow a single zone directly without using an output function. If an output must follow two zone states, continue using an output function.

### 4. Output Functions Increased to 24

Available output functions increased to 24.

### 5. Phone Number Length Increased to 32 Digits

More digits are available for long distance access, pager access, and so on.

### 6. User PINs Increased to 200

The total number of PINs is 200, including 1 master PIN, 1 installer PIN, and 198 user PINs.

### 7. User PIN Length

The length of a user PIN is programmable for either four or six digits.

### 8. Non-Volatile History Events Increased

The number of history events stored in non-volatile memory increased from 64 to 100. The total number of control panel history events remains at 400.

### 9. DS7420i Line Toggle

When using a DS7420i Dual Phone Line/Bell Monitor, the DS7400Xi Control Panel alternates between phone lines when sending a Test Report to the central station every 24 hours.

### 10. Fire Alarm Reset

In current versions, when a fire alarm is reset and the zone restores during the reset period, the zone occasionally re-alarms when the reset period expires. Version 4.03 corrects this.

### 11. Swinger Shunt Bypass Report

A Bypass Report is sent if a zone is bypassed due to a swinger shunt condition. A Bypass Restoral Report is sent when the control panel or area is disarmed.

### 12. Carriage Return/Line Feed Control

Using a DS7412 Serial Interface Module to send events to a serial port allows you to configure the data to send by either pressing the carriage return/line feed or adding spaces. This enhancement supports some text paging systems.

### 13. Closing Reports Control

The addition of bypass reporting changed the programming item that allows a Trouble Report to be sent at close when zones were bypassed. Now the programming location is used to determine if Closing Reports are sent at closing or following the exit delay. The programming location is 0187, Data Digit 2. 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.



