

Daylight Saving Time Adjustment

February 8, 2007

<b>Issue Severity:</b>	<b>Products Affected:</b>
<input type="checkbox"/> <b>High:</b> Act immediately	<ul style="list-style-type: none"><li>• Intrusion Products</li></ul>
<input checked="" type="checkbox"/> <b>Medium:</b> Bosch Security Systems, Inc. strongly recommends you take the action(s) described below.	<ul style="list-style-type: none"><li>• Fire Products</li><li>• CCTV Products</li></ul>
<input type="checkbox"/> <b>Low:</b> Advisory	<ul style="list-style-type: none"><li>• Systems Products</li></ul>

## 1.0 Issue

Starting in 2007, the Daylight Saving Time rules in North America modify so that clocks change on the second Sunday in March and the first Sunday in November. Prior to 2007, the Daylight Saving Time rules in North America stated that clocks change on the first Sunday in April and the last Sunday in October.

Also starting in 2007, several Bosch Security Systems, Inc. products will not adjust their internal time on the correct dates because they will follow the old Daylight Saving Time rules.

Refer to *Section 2.0 Resolution* for the affected products and the actions you should take to ensure that these products have the correct time starting on March 11, 2007.

## 2.0 Resolution

For the products described in the following sections, take the recommended corrective actions before March 11, 2007 to ensure a smooth transition to the new Daylight Saving Time rules.

- For Intrusion products, refer to *Section 2.1 Intrusion Products* on page 1.
- For Fire products, refer to *Section 2.2 Fire Products* on page 3.
- For CCTV products, refer to *Section 2.3 CCTV Products* on page 3.
- For Systems products, refer to *Section 2.4 Systems Products* on page 4.

For additional information, refer to each product's installation guide.

### 2.1 Intrusion Products

#### 2.1.1 GV2 Series/G Series/D7000/D9000 Control Panels (including B-style panels)

These control panels adjust for Daylight Saving Time by using skeds. Modify the sked so that it conforms with the new Daylight Saving Time rules.

#### 2.1.2 Easy Series Control Panels

Easy Series control panels with v2.5 firmware default to follow the new Daylight Saving Time rules.

For Easy Series control panels with v2.x firmware earlier than v2.5:

- If configuring the control panel locally, select **Expert Programming Item 121** and change the parameter from **1 (North America prior to 2007)** to **9 (USA after 2006)**.
- If configuring the control panel using RPS, go to **System** → **Daylight Saving Time Operation** and change the parameter from **North America** to **North America 2007 and beyond**.

For Easy Series control panels in the USA and Canada with v1.x firmware:

- Select **Expert Programming Item 121** and change the parameter from **1 (North America)** to **0 (No time adjustment)**. The control panel requires manual time adjustment to follow the new Daylight Saving Time rules.



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### 2.1.3 Conettix D6600/D6100 Communications Receivers/Gateways

For the Conettix D6600 and D6100 Communications Receivers/Gateways, the date and time is configured manually using either the Conettix D6200 Programming/Administration Software or the unit's front panel keypad. These units do not perform an automatic Daylight Saving Time adjustment.

### 2.1.4 D6500 Central Station Receivers

Manually configure the date and time using the Time Set toggle switch near the top of the MPU card. These units do not perform an automatic Daylight Saving Time adjustment.

### 2.1.5 D6000 Central Station Receivers

Manually configure the date and time using the CLK/CAL toggle switch on the back of the display panel faceplate. These units do not perform an automatic Daylight Saving Time adjustment.

### 2.1.6 D6412/D4412 Control Panels

Disable the **Auto Adjust for Daylight Saving Time** function. Instead, manually change the control panel's internal time using either RPS or [CMD][45] from the keypad.



When using keypad programming to disable Daylight Saving Time, do not accidentally disable keypad programming too.

### 2.1.7 D2012/D2112/D2212/D2012U/D2412/D2412U/D2812/D2812U Control Panels

These control panels are not affected by the new Daylight Saving Time rules because they do not contain an internal clock or calendar.

### 2.1.8 D4112/D6112 Control Panels

These control panels are not affected by the new Daylight Saving Time rules because they do not contain an internal clock or calendar.

### 2.1.9 D7112 Control Panels

These control panels do not provide an option for automatic Daylight Saving Time adjustment. Manually change the control panel's internal time using [CMD][45] from the keypad.

### 2.1.10 DS7060/DS7080i Series/DS7090/DS7090i/DS7090TM/DS7090TMi/ DS7100/DS7400 Series Control Panels

These control panels do not provide an option for automatic Daylight Saving Time adjustment. If the control panel connects to WDSRP software, enable WDSRP's **Set Time Automatically** function (located in **Utilities** → **System Preferences**). For control panels configured to connect automatically to WDSRP, the time corrects upon establishing the first connection after the time change.

### 2.1.11 D8112 Series Control Panels

These control panels do not provide an option for automatic Daylight Saving Time adjustment. Manually change the control panel's internal time using [CMD][45] from the keypad.

### 2.1.12 Safecom® SC9000/SC9001 Central Station Computers with ST1000 Software

The SC9000 and SC9001 are DOS PCs running ST1000 software. Use the ST1000 software to manually adjust the time and date.

### 2.1.13 Safecom® SC4000/SC3100/SC2104 Radio Communicators

These radio communicators are not affected by the new Daylight Saving Time rules because they do not contain an internal clock or calendar.

## 2.2 Fire Products

### 2.2.1 D7024 Fire Alarm Control Panels

Disable the **Auto Adjust for Daylight Saving Time** function. Instead, manually change the control panel's internal time using either RPS or local programming.

### 2.2.2 D9124 Fire Alarm Control/Communicators

These fire alarm control panels adjust for Daylight Saving Time by using skeds. Modify the sked so that it conforms with the new Daylight Saving Time rules.

### 2.2.3 DS9400 Series Fire Alarm Control Panels

Disable the **Auto Adjust for Daylight Saving Time** function. Instead, manually change the control panel's internal time using either RPS or local programming.

### 2.2.4 D8024/D9024/D10024A Analog Fire Alarm Control Panels

These control panels do not adjust for Daylight Saving Time automatically. Program the time manually.

### 2.2.5 DCT-1/DCT-1E/ FPT-DACT/FPT-DACT-LC/D9068/D9602 Digital Alarm Communicator Transmitters

Use the keypad programmer to disable the **Auto Adjust for Daylight Saving Time** function, then program the time manually.

Bosch Security Systems, Inc. will release firmware v1.09 on May 1, 2007. With this firmware and all later versions, these products follow the new Daylight Saving Time rules automatically. Call Customer Service at (800) 289-0096 and ask for firmware FMX-ROM-DACT.

### 2.2.6 D2071 Series Fire Communicators

Use the D5200 Programmer to reset the hour and minute delay before the D2071 sends a test report.

### 2.2.7 DS9471 Series Fire Communicators

Use the D5050 Programmer to reset the hour and minute delay before the DS9471 sends a test report.

### 2.2.8 D4013/D8013 Fire Control/Communicators

Manually set the correct time on the 190 Test Report Timer Module.

## 2.3 CCTV Products

### 2.3.1 DiBos Digital Video Recorder

DiBos receives its date and time from the connected PC's Microsoft® Windows® clock time. Microsoft will release a patch that makes Windows follow the new Daylight Saving Time rules. For more information, refer to <http://support.microsoft.com/kb/928388/>.

### 2.3.2 Divar Digital Video Recorder

In January 2007, Bosch Security Systems, Inc. will release Divar firmware v.2.32 and Divar software v2.32. With these updates, Divar will automatically follow the new Daylight Saving Time rules.

Customers who do not install the new Divar firmware and software must change the Divar's programmed time manually.

1. Open the local Divar's menu.
2. Go to the <TIME/DATE> menu item and change the <START TIME> to **2ND SUN MAR**.
3. Change the <END TIME> to the **1ST SUN NOV**.

You can also do these steps using versions of Divar software earlier than v2.32.

### 2.3.3 DESA-XL Digital Video Recorder

DESA-XL receives its date and time from the connected PC's Microsoft Windows clock time. Microsoft will release a patch that makes Windows follow the new Daylight Saving Time rules. For more information, refer to <http://support.microsoft.com/kb/928388/>.

### 2.3.4 DVR4C Digital Video Recorder

Bosch will release firmware version 1.6.6 in February 2007. After the firmware upgrade, the new Daylight Saving Time rules will activate automatically. The new firmware will be published on the Bosch website, and will include upgrade instructions and release notes.

### 2.3.5 BVMS Software

BVMS receives its date and time from the connected PC's Microsoft Windows clock time. Microsoft will release a patch that makes Windows follow the new Daylight Saving Time rules. For more information, refer to <http://support.microsoft.com/kb/928388/>.

### 2.3.6 VIDOS and VIDOS-NVR Servers

VIDOS and VIDOS-NVR servers receive their date and time from the connected PC's Microsoft Windows clock time. Microsoft will release a patch that makes Windows follow the new Daylight Saving Time rules. For more information, refer to <http://support.microsoft.com/kb/928388/>.

### 2.3.7 BVIP Video Encoders and Decoders

You can configure BVIP video encoders and decoders in two different modes. In the first mode, BVIP receives its date and time from a time server on the network that automatically adjusts the time settings.

In the second mode, the BVIP uses its internal real-time clock, which began using an internal editable Daylight Saving Time table in firmware version 2.50. Edit this time table before March 11, 2007.

## 2.4 Systems Products

Bosch Systems products (Readykey<sup>®</sup>, ReadykeyPRO<sup>®</sup>, BIS, AEC, and Security Escort<sup>®</sup>) get their date and time from the connected PC's Microsoft Windows clock time. Microsoft will release a patch that makes Windows follow the new Daylight Saving Time rules. For more information, refer to <http://support.microsoft.com/kb/928388/>.

## Trademarks

ReadykeyPRO<sup>®</sup> is a trademark of Bosch Security Systems, Inc. in the United States.

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Windows<sup>®</sup> is a registered trademark of Microsoft Corporation in the United States and/or other countries.