

# Technical Bulletin

## Secure Perfect, Diamond, Sapphire Pro, Topaz and 2007 Daylight Saving Time

### February 2007

This bulletin addresses the changes that must be made in GE Security Windows-based access control systems (Secure Perfect®, Diamond™, Sapphire Pro™, and Topaz™) to support the year 2007 Daylight Saving Time (DST) changes.

“The Energy Policy Act of 2005 (Public Law 109-58) was passed by the United States Congress on July 29, 2005 and signed into law on August 8, 2005. This law changes the time-change dates for DST in the United States. Beginning in 2007, DST will begin on the second Sunday in March (11th) and end on the first Sunday in November (4th).”

In GE Security Windows-based access control systems, the only area that is affected by DST changes is the Windows operating system. Microcontrollers and ACUs store date and time, but do **not** store time zone information, and thus, are not affected. The server will update the microcontrollers and ACUs with the correct time as needed.

If you are running Windows XP SP2 or Windows 2003 Server and use the automatic update feature of Windows, the DST Hotfix may already be installed on your system. To check, do the following:

1. Click 'Start'
2. Go to 'Control Panel'
3. Click on 'Add or Remove Programs'
4. Check the box titled 'Show Updates' located at the top of the form
5. If already installed, the DST patch 'Hotfix for Windows XP (928388)' or 'Hotfix for Window Server 2003 (928388)' will be listed

If the DST Hotfix is listed, no further action is required. If it is NOT listed, please locate the operating system version that you are using in the table below and follow the corresponding steps:

Operating system	Action to take to update the Windows operating system
Windows XP SP2	Update available from Microsoft: <a href="http://support.microsoft.com/kb/928388">http://support.microsoft.com/kb/928388</a>
Windows Server 2003	Update available from Microsoft: <a href="http://support.microsoft.com/kb/928388">http://support.microsoft.com/kb/928388</a>



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Windows 2000	Update available from Microsoft under Extended Hotfix Support: <a href="http://support.microsoft.com/kb/914387">http://support.microsoft.com/kb/914387</a>
Windows XP SP1	Not Supported by Microsoft
Windows NT4	Not Supported by Microsoft

If you are on an unsupported operating system now, you should upgrade to one that is supported. If you are not able to upgrade to a supported operating system, GE Security cannot guarantee proper operation of the system. However, a less than optimal alternative to upgrading is to manually change the time ahead one hour on March 11—at 2:00 AM, change the time to 3:00 AM. But remember that you must also change the time back one hour on April 1—ahead one hour on Oct. 28, and back one hour on Nov. 4.

For assistance in DST matters, please call GE Technical Support at 1-888-437-3287, option 2, and then option 4.

