

Daylight Savings Time Change

Date: **February 28, 2007**

Region: **All**

Product Line: **Array SPX & TMX**

Array Advisory for 2007 Daylight Savings Time Change

The U.S. Energy Policy Act of 2005, passed by the U.S. Congress July, 2005, expanded Daylight Saving Time (DST) in the U.S. by approximately four weeks. As a result, beginning in 2007, DST will start three weeks earlier on March 11, 2007, and end one week later on November 4, 2007, resulting in a new DST period that is four weeks longer than previously observed.

Change in Daylight Savings			
Previously, DST started on:	With the new law, DST will start on:	Previously, DST ended on:	With the new law, DST will end on:
First Sunday of April	Second Sunday of March	Last Sunday of October	First Sunday of November
Would have been: April 1, 2007	Will now be: March 11, 2007	Would have been: October 28, 2007	Will now be: November 4, 2007

Areas Affected by This Change in Daylight Savings Time

All of United States Except:	Canada:	Mexico:
Arizona, Hawaii, Puerto Rico, the U.S. Virgin Islands, and American Samoa	Canada and the United States share DST	Mexico will not be following the new DST 2007 rules

Impact on SPX and TMX

- Log messages could have wrong time
- Session cookie may expire sooner than anticipated, preventing access to applications
- If they are running NTP, customers are unlikely to be affected as the system clock would get adjusted based on what NTP server tells the system

Fixes

- SPX 7.3.3.17 & 8.0.10 - available now
- TMX 6.3.0.17 - available now

Recommendations

- Determine potential business impact relating to TMX or SPX deployments
- Upgrade to appropriate release if there is cause for concern
- And/or manually update system timer as a temporary fix

External Impact for SPX Users

- Time on client machines will be ahead of that on the SP
- Sessions will time out faster
- If session lifetimes are set to 1 hour or less, login will be denied since sessions will be preexpire
- Time sensitive login mechanisms like SecurID (possibly even RADIUS) will not work
- Time based login rules will not function correctly
- Logs will have incorrect timestamps and this could interfere with auditing information

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