Overview

Background
The Energy Policy Act of 2005 was signed into law in the United States, which changed the dates that Daylight Saving Time begins and ends. This change in Daylight Saving Time is also occurring in most Canadian provinces. Beginning in 2007, Daylight Saving Time will begin on the second Sunday in March and end on the first Sunday in November. This application note applies to any change in Daylight Saving Time in any region/country, not just the United States Energy Policy Act of 2005.

The Problem
Due to the change in when Daylight Saving Time begins and ends, all HomeWorks systems utilizing timeclock events programmed with the following software versions will need to have a new database installed. This includes:

1) HomeWorks Illumination™ Software version 1.17 or lower (version 1.18 is the first Illumination Software revision that does include the Energy Policy Act of 2005 time change)
2) ALL HomeWorks Interactive™ Software

Original HomeWorks Software (systems sold before approximately December 2000) does not have the capability to change daylight saving time.

Databases converted to HomeWorks Illumination Software version 1.18 or higher take into account the United States Energy Policy Act of 2005 and do NOT require any changes.

Purpose of this Application Note
This application note offers a step-by-step guide on how to re-program HomeWorks systems to correctly change when Daylight Saving Time occurs. If changes are not made, the timeclock time will be off by 1 hour for 3 weeks at the beginning of Daylight Saving Time (spring) and 1 hour for 1 week at the end of Daylight Saving Time (fall). Software screenshots will be used to illustrate exactly how to make these changes. After changes are made in the software, the project must then be uploaded to the processor to take effect.

Other Notes
Some states and territories may be unaffected by the United States Energy Policy Act of 2005. Always consult the local government for the local Daylight Saving Time schedules.
Recommendation for HomeWorks Illumination and Interactive Software

Step 1 – Click on the “User Preferences” Icon near the top of the screen. (see images below for Illumination™ and Interactive™ Software)
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Step 2 – Click on the “Time Clock” tab at the top of the User Preferences (Version 1.18 and earlier) or “Location Information” under the Programming tree on the left of User Preferences (Version 1.20 and later).

Version 1.18 and earlier:
The following screen will appear.

Version 1.20 and later:
The following information will display on the right.
Step 3 – Version 1.18 and earlier:
Click on the “Edit…” box in the Daylight Savings Adjustment window.

The following Pop Up will appear
Version 1.20 and later:
Click on the item in the list that you want to edit.

Step 4 – Version 1.18 and earlier:
Adjust the Daylight Saving Time accordingly.
The following screen represents the changes that need to be made prior to March of 2007 according to the United States Energy Policy Act of 2005.
Change the “Month” and “Week” of the “Date to set clock ahead:” and the “Date to set clock back:”
For the United States Energy Policy Act of 2005,
  Date to set clock ahead is the 2nd week of March
  Date to set clock back is the 1st week of November

After making these changes, click on the OK button.

It is important to note that the change in Daylight Saving Time only takes place for the specific HomeWorks project that was edited. For other existing HomeWorks projects, you must repeat steps 1-4.

**Step 5 – Version 1.18 and earlier - Change the Daylight Saving Time for default locations for ALL FUTURE PROJECTS**

After clicking on the OK button from Step 4, the following screen pops up. Click on the red “Set as Default” button, and then click “Yes” in the next pop-up window.
Step 6 – ABSOLUTELY NECESSARY - Upload the database to the processor
The changes will only take effect after they have been uploaded to the processor.

Additional Information

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