

# Service Alert Bulletin

**Product:** VOIP Gateway, i75 Handsets, UNITE network appliances, Mobility Server (EMN), Radio Exchange

**Purpose:** Procedure to configure Ascom products for North America Daylight Saving Time adjustments in 2007

**Date:** March 1st, 2007

## Properly configure Ascom Products for North America Daylight Saving Time adjustments in 2007

### General

Prior to 2007, Daylight Saving Time (DST) began in North America on the 1<sup>st</sup> Sunday of April and ended on the last Sunday of October in the areas that observed DST. These dates were recently changed due to the US Energy Policy Act of 2005. In 2007, DST begins the 2<sup>nd</sup> Sunday in March (March 11<sup>th</sup>) and ends the 1<sup>st</sup> Sunday in November (November 4<sup>th</sup>).

Applicable Ascom Products have automatic adjustments for DST, but will require the following actions to ensure that the start/end dates reflect the DST changes for 2007.

### Action

#### VoIP Gateway

The Ascom VoIP Gateway synchronizes its internal clock to an external time server via NTP. The following steps will configure the VoIP Gateway with software v1.2.1 or earlier to automatically update its time for DST:

- a. Access the VoIP Gateway web browser administration page.
- b. Navigate to General -> NTP tab.
- c. Set the time zone parameter to the appropriate time zone where the VoIP Gateway is operational (if not already). Press OK.
- d. The time zone string value now is displayed, but the DST start/end values are not correct.
- e. Set the time zone to "other".
- f. Change the Date/Time start and Date/Time end values to "M3.2.0/2,M11.1.0/2".
- g. Press OK.

Example: For Eastern Standard Time, the time zone string would be "EST5EDT4,M3.2.0/2,M11.1.0/2".

#### i75 VoWiFi Handset

The Ascom i75 VoWiFi Handset synchronizes its internal clock to an external time server via NTP. Software v1.2.19 or later and corresponding definition file includes the adjusted time zone string for the 2007 DST changes.

For software v1.1.14 deployments that require DST changes, please consult Ascom TAC for additional details and instructions.

#### UNITE Network Appliances

The Ascom UNITE Network Appliance applications (i.e IMS, ACS, Medamax Gateway, etc.) synchronize their clocks to an external time server via NTP. Service Pack 3 includes the adjusted time zone string for the 2007 DST changes. SP3 is included in the system software v8.30 and included in the following product software version image files:

UNITE Product	Software version (including SP3)
IMS for VoWiFi	1.11
IMS for DCT1900/EMN/IP-DECT	2.80

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For UNITE network appliances with OS v8.xx, you can update the system software to include SP3 without impacting the current application and will be labeled with 'sp3' appended to the system version. The SP3 eas file can be easily uploaded to the UNITE Network Appliance in the same manner as new application software. Please refer to the Installation and Operation Manual for further instructions.

*Note: Medamax appliances running a software release earlier than version 2.11 may need to be upgraded and tweaked before upgrading to i75 handset software 1.2.19. Please consult Ascom TAC for additional details and instructions.*

## Mobility Server (EMN)

### **Windows 2003 servers**

It's recommended that Windows 2003 Servers use the Microsoft DST patches that can be located at the following URL: <http://support.microsoft.com/kb/931836/> and <http://support.microsoft.com/kb/932590/en-us>

### **Windows 2000 servers**

Windows 2000 Servers can be updated two different ways.

- 1.) Turning off the server's ability to automatically adjust daylight savings time and setting the time manually.  
START → Settings → Control Panel → Date and Time  
Click the "Time Zone" tab.  
Uncheck "Automatically adjust clock for daylight saving changes"  
Change time manually.
  
- 2.) Microsoft's TZEDIT.EXE program to update registry settings to reflect the new DST changes. Look for the section titled "Method 2" at the following URL: <http://support.microsoft.com/kb/914387/en-us>

## Radio Exchange

The DCT1900+ Radio Exchange time clock can be updated by an Integrated Message Server (IMS). Follow the steps above for UNITE Network Appliances to ensure the IMS is configured properly for the 2007 DST changes.

The DCT1900 Radio Exchange and DCT1900+ systems not including an IMS, time clock is manually set with the Cordless System Manager (CSM) software application. Please refer to the CSM User Manual for additional information.

### **Additional Information**

If you have any questions about this bulletin, please contact Ascom Technical Services at 1-877-71ASC0M (1-877-712-7266) option 3.