

## Instructions for Time Zone Changes

### Operating System Updates

Microsoft® is not providing a time zone patch for the Windows® 2000 operating system.

#### For DSI Clients Subscribing to the dcLINK® Maintenance Plan

DSI is providing a Windows 2000 registry file and script that will update your Windows operating system with the correct time zone settings. *To download these files, you must be signed on to the DSI eXtranet.* Click the *Registry ZIP* link in the Time Zone Update table and save the ZIP file to your hard drive. Complete the following procedure to update your Windows operating system:

1. Back up your complete and current registry.
2. Create a folder called REG in the root directory of the C drive.
3. Move the two files (TZupdate.reg and refreshTZinfo.vbs) from the downloaded ZIP file to the REG folder.
4. From Start>Run, run the following commands:
  - regedit /s "C:\REG\TZupdate.reg"
  - cscript "C:\REG\refreshTZinfo.vbs"
5. Restart the computer to ensure all changes have taken affect.

#### For DSI Clients Not Subscribing to the dcLINK Maintenance Plan

The Windows 2000 operating system can be manually updated using the Microsoft registry utility (tzedit.exe) or other techniques documented in the Microsoft Knowledge Base article 914387. See the [How to configure daylight saving time for the United States in 2007](#) page for information concerning 2007 time zone updates for your Windows operating system. The following URL address is provided as a convenience to our DSI clients:

**<http://support.microsoft.com/kb/914387>**

*Be certain to update your Windows operating system prior to March 11, 2007, which is when daylight saving time begins.*

### dcLINK System Updates

Please refer to the appropriate section below for further instructions:

- [For DSI Clients Subscribing to the dcLINK Maintenance Plan](#)
- [For DSI Clients Not Subscribing to the dcLINK Maintenance Plan](#)

### **For DSI Clients Subscribing to the dcLINK Maintenance Plan**

DSI is providing updates for the affected versions of the dcLINK software available to our clients who currently subscribe to the dcLINK Maintenance Plan. You can do one of the following to update your dcLINK system after updating your Windows operating system:

- [Download and install the dcLINK patch](#)
- [Delete registry keys](#) (Refer to the section later in this document.)

*Be certain to update and test your dcLINK system prior to March 11, 2007, which is when daylight saving time begins.*

### **Downloading and Installing the dcLINK Patch**

If you are a subscriber to the dcLINK Maintenance Plan, you must be signed on to the DSI eXtranet to download the appropriate dcLINK patch for your system version. Complete the following procedure to apply the downloaded time zone updates to your dcLINK installation.



## Version 4.2.1

Component Versions	
dsi_ts_tcpip.exe (TranServer TCP/IP)	4.2.2.7x
dsi_ts_telnet.exe (TranServer Telnet)	4.2.2.10x
DeviceLoader.exe (Device Loader)	4.2.1.1x
dsi_ADVSecurity.dll	4.2.2.1
dsi_ts_send.dll	4.2.3.0

The following information provides step-by-step instructions on applying the time zone updates to your dcLINK installation. *Be certain that you apply all of the updated components as instructed* in order for the Microsoft time zone patch to work correctly with the dcLINK system.

### ► To apply updated dsi\_ts\_tcpip.exe, dsi\_ts\_telnet.exe, and dsi\_ts\_send.dll files

Complete the following steps on the dcLINK core installation and each data collection server that has the TranServer TCP/IP or TranServer Telnet service installed.

1. Stop the dcLINK services if they are running.
2. In the installation folder (default folder in *core installation* is c:\Program Files\DSI\dcLINK4.2\Setup\Program Files and default folder on other dcLINK computers is c:\Program Files\DSI\dcLINK4.2), rename existing files as follows:

Existing Name	New Name
dsi_ts_tcpip.exe	old- dsi_ts_tcpip.exe
dsi_ts_telnet.exe	old- dsi_ts_telnet.exe
dsi_ts_send.dll	old-dsi_ts_send.dll

3. Move replacement files to the same folders as in step 2 above. *Include only the files that currently exist in your installation.*
4. Start the dcLINK services.
5. Check the dcLINK Event Viewer to verify the running version matches the version listed at the top of this document.

### ► To apply updated dsi\_ADVSecurity.dll file

Complete the following steps on the dcLINK core installation and each data collection server that has any dcLINK component installed.

1. Stop the dcLINK services if they are running.

- In the installation folder (default folder in *core installation* is c:\Program Files\DSI\dcLINK4.2\Setup\Common Files and default folder on other dcLINK computers is c:\Program Files\DSI\dcLINK4.2), rename existing file as follows:

Existing Name	New Name
dsi_ADVSecurityt.dll	old-dsi_ADVSecurity.dll

- Move replacement file to the same folders as in step 2.
- Start the dcLINK services.

### ► To apply updated Device Loader program

Complete the following steps on the dcLINK core installation and each computer that has the Device Loader program installed.

- Close the Device Loader program if it currently is open.
- In the installation folder (default folder in *core installation* is c:\Program Files\DSI\dcLINK4.2\Setup\Program Files and default folder on other dcLINK computers is c:\Program Files\DSI\dcLINK4.2), rename existing file as follows:

Existing Name	New Name
DeviceLoader.exe	old-DeviceLoader.exe

- Move the replacement file to the same folders as in step 2 above.
- Start the Device Loader program.
- Open the About box of the Device Loader program's Help menu to verify the running version of the program matches the version listed at the top of this document.

### **For DSI Clients Not Subscribing to the dcLINK Maintenance Plan**

If you are not a subscriber, you can subscribe to the dcLINK Maintenance Plan to access our software updates and take advantage of future code changes and enhancements. Please contact Client Support at 913-696-4040 or email us at [dclinkhelp@dsionline.com](mailto:dclinkhelp@dsionline.com) for subscription information. If you do not wish to subscribe at this time, you need to delete the registry keys that affect your dcLINK system. Refer to the following section for more information.

*Be certain to update and test your operating system and dcLINK system prior to March 11, 2007, which is when daylight saving time begins.*

### **Deleting Registry Keys**

If you are not installing the dcLINK updates, you need to delete the following registry entries to allow the TranServer service and Device Loader program to run properly. The registry keys being deleted affect the times in new time zones. For example, a data collection server located in the Central Standard Time zone of the United States is updated with the Microsoft time zone patch and the specified registry entries are deleted. The TranServer service properly functions, but any devices located in the new Central Standard Time for Mexico, for example, will not have the correct time because its registry key has been deleted.

Beware that modifying the registry may cause serious operating system problems. Make sure that you back up the registry before you start editing it. For more information about how to back up, restore, and modify the registry, see the [Description of the Microsoft Windows Registry](#) page at

**<http://support.microsoft.com/kb/256986>**

This URL address is being provided as a convenience to our DSI clients.

*Modify the registry at your own risk.*

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Azerbaijan Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Central Brazilian Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Central Standard Time (Mexico)]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Georgian Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Jordan Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Middle East Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Montevideo Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Mountain Standard Time (Mexico)]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Namibia Standard Time]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Time Zones\Pacific Standard Time (Mexico)]