

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 4.1.3

Component Versions	
dsi_ts_tcpip.exe (TranServer TCP/IP)	4.1.4.5x
dsi_ts_telnet.exe (TranServer Telnet)	4.1.4.4x
DeviceLoader.exe (Device Loader)	4.1.3.5x
dsi_owsa.exe	4.1.0.2
DSI_OWFC.dll	4.1.0.4
dsi_ts_cmp.dll	4.1.0.4
dsi_ts_send.dll	07/11/2006

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.

Be certain to retain a copy of the updated files listed above for possible future reinstallation.

► **To apply updated dsi_owsa.exe, DSI_OWFC.dll, and dsi_ts_cmp.dll files**

Complete the following steps on each computer in your dcLINK system that currently contains these files. (If your system does not include these files, continue with the next procedure.)

1. Stop the dcLINK services if they are running.
2. From a Command Prompt, run the following commands:
 - “c:\Program Files\DSI\dcLINK\dsi_owsa.exe” /UNREGSERVER
 - regsvr32 -u “c:\Program Files\DSI\dcLINK\DSI_OWFC.dll”
 - regsvr32 -u “c:\Program Files\DSI\dcLINK\DSI_ts_cmp.dll”

Note: The above commands reference the default installation directory where these files reside. This directory may be different in your dcLINK installation. See your system administrator for your system’s installation directory.

3. In the installation folder (default folder is c:\Program Files\DSI\dcLINK), rename existing files as follows:

Existing Name	New Name
dsi_owsa.exe	old-dsi_owsa.exe
DSI_OWFC.dll	old-dsi_owfc.dll
dsi_ts_cmp.dll	old-dsi_ts_cmp.dll

4. Move replacement files to the same folder as in step 3 above. *Include only the files that currently exist in your installation.*

5. From a Command Prompt, run the following commands:

- “c:\Program Files\DSI\dcLINK\dsi_owsa.exe” /REGSERVER
- regsvr32 “c:\Program Files\DSI\dcLINK\DSI_OWFC.dll”
- regsvr32 “c:\Program Files\DSI\dcLINK\DSI_ts_cmp.dll”

Note: The above commands reference the default installation directory where these files reside. This directory may be different in your dcLINK installation. See your system administrator for your system’s installation directory.

6. Do *not* start the dcLINK services at this time. Continue with the next section.

► **To apply updated dsi_ts_tcpip.exe, dsi_ts_telnet.exe, and dsi_ts_send.dll files**

Complete the following steps on each data collection server that has the TranServer TCP/IP or TranServer Telnet service installed. *The dcLINK services are still stopped from the previous procedure.*

1. In the installation folder (default folder is c:\Program Files\DSI\dcLINK), 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

2. Move replacement files to the same folder as in step 1 above. *Include only the files that currently exist in your installation.*
3. Start the dcLINK services.
4. Check the application Event Viewer to verify the running version matches the version listed at the top of this document.

► **To apply updated Device Loader program**

Complete the following steps on each computer in your dcLINK system that has the Device Loader program installed.

1. Close the Device Loader program if it currently is open.
2. In the installation folder (default folder is c:\Program Files\DSI\dcLINK), rename the existing file as follows:

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

3. Move the replacement file to the same folder as in step 2 above.
4. Start the Device Loader program.
5. Open the About box from the 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 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)]