



Agilent Technologies

Service Note # G1701-88

Subject: G1701-88

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Supersedes
None

Time zone variable might cause wrong injection time stamps after seasonal clock change

Service Serial Numbers:
US00000000-US99999999

The asynchronous seasonal clock changes in 2007 might cause ChemStation Injection, processing and report times to appear one hour behind the operating system's time. Various software platforms are affected in a different way.

http://support.microsoft.com/gp/dst_topissues

To Be Performed By: Customer

Parts Required:

Operating system:

2007 time zone update for Microsoft Windows operating systems: <http://support.microsoft.com/kb/928388/>

Situation:

The asynchronous seasonal clock changes in 2007 might cause ChemStation Injection, processing and report times to appear one hour behind the operating system's time. Various software platforms are affected in a different way. The time zone variable installed by the ChemStore installation refers to April 1st, 2007 as the seasonal clock change date, independent of the regional setting defined.

Affected Regions

All countries where seasonal clock changes do not happen on April 1st, 2007.

An overview of the worldwide seasonal clock changes dates can be found on <http://www.timeanddate.com/time/dst2007a.html>

Affected Products

This document is believed to be accurate and up-to-date. However, Agilent Technologies, Inc. cannot assume responsibility for the use of this material.

The information contained herein is intended for use by informed individuals who can and must determine its fitness for their purpose.

G1701DA (and associated GCMS MSD Productivity Software packages) Read the following sections to learn about the potential impact.

Technical Background:

In August of 2005 the United States Congress passed the Energy Policy Act, which changes the dates of both the start and end of daylight saving time (DST). When this law goes into effect in 2007, DST will start three weeks earlier (2:00 A.M. on the second Sunday in March) and will end one week later (2:00 A.M. on the first Sunday in November) than what had traditionally occurred. Refer to the Web site <http://support.microsoft.com/gp/dst> for the latest Microsoft information on Daylight Savings Time issues.

How does this affect Agilent GCMS ChemStation systems?

The impact of the changes to the seasonal clock change dates is dependant on the ChemStations, the update history, and the region. The impact is basically dependant on the presence of the operating system's time zone variable.

See also http://science.ksc.nasa.gov/software/winvn/userguide/3_1_4.htm.

Solution/Action:

MSD ChemStation new installations; these systems should not be affected as long as Microsoft patches are properly installed.

Apply all regionally relevant hot fixes provided by Microsoft to ensure the correct clock change date settings on your environment.

If you want your computer's clock to be adjusted automatically when daylight saving time changes, make sure the Automatically adjust clock for daylight saving changes check box is selected. This setting is located on the Time Zone tab.

Most computer clocks are regularly synchronized with a network time server (if you are a member of a domain) or an Internet time server (when you connect to the Internet).

You can also open the Date and Time Properties dialog box by double-clicking the clock on the taskbar.

Additional Information:

Everything you need at http://support.microsoft.com/gp/dst_topissues

There is a service note from the LC/GC group, G2181BA-71.

If you are not hooked up to the building LAN and you have the system to automatically update clock from LAN then you will be fine if the LAN is updated.

If it is not then you will need to manually update the time and make sure you turn off the automatic update because it will be updated 3 weeks later.

If you can get access to the internet then use the reference from the first link.

Date:

2/20/2007

* * * * *
* Modification Recommended *
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* Standards: Labor hours: 0.00 / Travel: None *
* Action Category: Immediately *
* Location Category: Customer installable *
* Service Inventory: Return *
* Used parts: See text *
* Availability: Product Support Life *
* Agilent Responsible Until: *
* Author/Entity: CBT/2300 *
* Additional Information: None *
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