

Daylight Saving Time Changes

White Paper



Effective Data

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Effective Data Profile

About ED

Effective Data specializes in **EDI Consulting** and **Data Integration**. Founded by EDI experts, ED has been a pioneer in the electronic commerce-consulting arena since 1991. ED believes that a successful EDI solution requires more than technical expertise on emerging trends. Each Effective Data EDI solution is based on a unique collaboration of strategists, developers, and project managers. ED's Consultants are all full-time, unbiased EDI veterans with the desire and determination to succeed. Our specialists deliver EDI solutions aligned to meet the client's specific technology needs, business objectives, and desired time to market.

EDI is our forte and nobody does it better. Over the past decade, ED has supported companies of all sizes - in every industry. From Mom and Pop shops - to the Fortune 100, ED has developed and implemented an EDI solution for them all. We have worked on every platform and with every EDI software package under the sun - whether home grown, off the shelf, or custom. Through all the ups and downs over the past decade, one thing has remained constant, Chicagoland's top companies have continuously relied on Effective Data for EDI support.

" Plain and simple, I have never had to worry about Effective Data's consultants. ED always provides me with top notch, top quality consultants...if I could keep them forever I would, because they are that wonderful!"

*Evelyn Guerrero,
Senior EDI Analyst /
Project Lead
Fellowes Manufacturing*

Everyday We Find A Way:

- To Communicate Mutual Expectations
- To Incorporate Our Obsession With Quality
- To Foster Creative Thinking & Innovation
- To Deliver Expert Value-Based Services With A Sense Of Pride & Company Spirit

In Our Relentless Pursuit of Complete Client Satisfaction

What is DST2007?

- This is the first time in 20 years that the Daylight Savings Time has changed.
- U.S. Energy Act of 2005 extends Daylight Saving time for 4 weeks
- The purpose is to reduce energy consumption.
- Starting in 2007, Daylight Savings time starts on the second Sunday in March and extends to the first Sunday in November.

What is the possible impact?

- Automated Calendar and Scheduling functions
- System generated Date/Time Stamps
- Applications or Operating Systems that process or manipulate dates or times
- Software, Operating Systems and/or other aspects/software may require changes to support DST2007.

How does this effect EDI Processing?

- Generally speaking EDI uses the system dates and times in it processing.
- Individual software may be affected indirectly by these changes and need to be addressed case by case.
- Each organization needs to determine the impact from a systemic viewpoint.
- Most likely affected would be the organization's Operating System, Database, Java, and other calendar or calendar linked systems.

EDI/EAI Software?

Each type of EDI software is affected by the platform and Operating System upon which it resides.

Effective Data while not in the business of making changes to these areas of infrastructure looked at how EDI Processing and the systems that support it would be affected by these changes. If after a detailed analysis it is determined that changes are needed in your EDI systems or they need to be tested on support of DST2007, please contact the Effective Data Sales Staff in your area.

Below is a rough outline of some of the most popular EDI translation systems and their position on the DST2007 issue. Note – each system may be different and this document is a preliminary review of some of the issues involved. A detailed analysis of each corporation's needs need to be addressed to find a definitive solution to the DST changes in their installation(s).

- **BizTalk**
 - Originally indicated that there would be issues
 - Has recently reversed their position and now indicate that there is no problem.
- **Inovis**
 - Changes were required to the platform-level software products that TLW uses to perform normal operations.
 - Inovis has published a recommended upgrade you can obtain from their support site.
- **Sterling Commerce**
 - In most cases (Basic, Director, Director Pro, Server, UNIX, Web Suite, and iSeries) require OS, DB and/or Vendor DST Patches.
 - GIS (Gentran Integration Suite) require OS, DB, and possibly Java changes
- **webMethods**
 - OS, DB, and Java needs to be updates
- **Mercator/websphere**
 - OS, DB and Java needs to be updates

Helpful Links?

Microsoft Patch for Daylight Savings Time changes:

<http://www.microsoft.com/windows/timezone/dst2007.msp#E1D>

<http://www.microsoft.com/windows/timezone/dst2007.msp>

Microsoft SQL DST2007 links:

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

IBM links:

<http://www.ibm.com/support/alerts/us/en/>

<http://www-306.ibm.com/software/support/rss/tivoli/2162.xml?rss=s2162&ca=rsstivoli>

IBM/Java link

<http://www->

[1.ibm.com/support/docview.wss?rs=3068&context=SSNVBF&uid=swg21250503](http://www-1.ibm.com/support/docview.wss?rs=3068&context=SSNVBF&uid=swg21250503)

Daylight Saving Time alert

<http://www.ibm.com/support/alerts/us/en/daylightsavingtimealert.html>

Changes to daylight savings time (DST) in the U.S. and Canada affect IBM DB2 products

<http://www->

[1.ibm.com/support/docview.wss?rs=56&context=SSEPDU&q1=daylight+saving+time&uid=swg21248542](http://www-1.ibm.com/support/docview.wss?rs=56&context=SSEPDU&q1=daylight+saving+time&uid=swg21248542)

Daylight Savings Time (DST) information for WebSphere Transformation Extender

<http://www-1.ibm.com/support/docview.wss?uid=swg21249216>

Daylight Saving time (DST) 2007 information for IBM WebSphere MQ, IBM WebSphere MQ Extended Security Edition and WebSphere MQ Express

<http://www-1.ibm.com/support/docview.wss?uid=swg21246616>

IBM i5/OS and Java on that platform

<http://www-03.ibm.com/servers/eserver/series/software/globalization/dst.html>

AIX Blog:

<http://www->

[03.ibm.com/developerworks/blogs/page/aixpert?entry=daylight_savings_time_change_in](http://www-03.ibm.com/developerworks/blogs/page/aixpert?entry=daylight_savings_time_change_in)

Hewlett Packard Links:

HP Software support for the new U.S. Daylight Saving Time change:

http://support.openview.hp.com/daylight_savings.jsp

HP Software support Daylight Saving Time Operations:

http://support.openview.hp.com/daylight_operations.jsp

Sterling Commerce links:

Connect Product Support:

https://support.sterlingcommerce.com/content/connect/daylight_savings_time.aspx

Gentran Product Support:

https://support.sterlingcommerce.com/content/gentran/daylight_savings_time.aspx

Gentran Integration Suite Product Support:

https://support.sterlingcommerce.com/content/gentran/gentranintegrationsuite/daylight_savings_time.aspx

UCCNET Data Sync Services Product Support:

https://support.sterlingcommerce.com/content/data_sync_services/daylight_savings_time.aspx

Sterling Product Support:

https://support.sterlingcommerce.com/content/sterling/daylight_savings_time.aspx

Inovis:

www.inovisworks.net

Mercator:

<http://www-1.ibm.com/support/docview.wss?rs=2320&uid=swg21249216>

BizTalk:

<http://www.microsoft.com/biztalk/default.mspx>

<http://www.microsoft.com/windows/timezone/dst2007.mspx>

webMethods:

www.webmethods.com

JAVA (SUN):

<http://java.sun.com/developer/technicalArticles/Intl/USDST/?feed=JSC>

Cleo:

<http://www.cleo.com/support/servicehome.asp>

Sybase Products Affected by Changes to US DST in 2007

http://www.sybase.com/content/1048699/US_DST_Impact.pdf

"I like ED as a provider of EDI expertise because they have built their core practice around that technology... it is an area that they have invested in and continue to build and grow...I think they are a good organization to partner with."

Colin Kerr,
Vice President
LaSalle Bank Corp.

Effective Data offers a 24 hour per day, 7 day per week toll-free hotline for our customers. Any questions that arise elicit a prompt response from one of our technical professionals, who will work to arrange an answer to each inquiry.

Effective Data is committed to providing solutions for your success. We will provide experienced professionals with the expertise to ensure total customer satisfaction. We will develop strategic partnerships with our customers and form long-term relationships based on quality, service, honesty and dependability.

"The ED team has been remarkable in terms of adaptability and flexibility. ED showed creativity and ingenuity in terms of how to get things done so we could meet very tight time frames."

Gary Dimel, Director of eBusiness
Automatic Data Processing

Qualifications to Serve

Effective Data builds and maintains long-term business relationships with our clients. Offering a unique approach to each project and unsurpassed responsiveness, our clients receive EDI services that are aligned to meet their specific technology needs and business objectives. Before you move ahead with your next project, evaluate our past. Clients include:



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