

## ASG's Metadata and Application Management Products and U.S. Daylight Saving Time Changes in 2007

The ASG development team did a detailed analysis on the impacts of the U.S. Daylight Saving Time Changes in 2007 for the products below:

ASG be cubic

ASG ESW

ASG Manager Products

ASG Rochade

ASG Visual Process

### Introduction

The United States has planned a change to its DST observance beginning in 2007. Section 110 of The Energy Policy Act of 2005 has the following text:

#### SEC. 110. DAYLIGHT SAVINGS.

(a) Amendment- Section 3(a) of the Uniform Time Act of 1966 (15 U.S.C. 260a(a)) is amended--

(1) by striking 'first Sunday of April' and inserting 'second Sunday of March'; and

(2) by striking 'last Sunday of October' and inserting 'first Sunday of November'.

(b) Effective Date- Subsection (a) shall take effect 1 year after the date of enactment of this Act or March 1, 2007, whichever is later.

(c) Report to Congress- Not later than 9 months after the effective date stated in subsection (b), the Secretary shall report to Congress on the impact of this section on energy consumption in the United States.

(d) Right to Revert- Congress retains the right to revert the Daylight Saving Time back to the 2005 time schedules once the Department study is complete.

In 2006, the dates were the first Sunday in April (April 2, 2006) and the last Sunday in October (October 29, 2006).

## General Considerations

There is no direct impact to ASG's Metadata and Application Management Products. None of the products depend on specialized code for their date/time facilities. They all derive functionality from the underlying Operating System, the Java Virtual Machine (JVM), or / and database management systems (DBMS). Specifically, there will be no automatic Day Light Saving adjustments in these products. Please use the chart below to determine the whether Operating System, Java Virtual Machine (JVM), or / and DBMS may require action with your systems programming and vendor staff to ensure that necessary patches for handling the U.S. Daylight Saving Time Changes in 2007 are installed.

## Product Specifics

Product	Component	Dependencies			Comment
		O/S	JVM	DBMS	
ASG-becubic 6.5, fM	CAE Collector				No issues
	BSI Providers			X	
	CAE providers			X	
	becubic V6.5.3 (Core & GUI)		X	X	
	Web client		X	X	Also consider the application server
ASG Rochade	Server	X			We recommend running the server on UCT <sup>1</sup> in order to avoid any influence from the Daylight Saving Time Changes
	C++ API				
	Java API				
	XML facilities				
	Client	X			
	AutoPilot				
	WebAccess	X	X		

<sup>1</sup> Coordinated Universal Time (UTC) is an atomic time scale derived to provide a reference scale in step with the irregular rotation of the earth. The realization and dissemination of the international time scales is the responsibility of the Time, Frequency and Gravimetry Section of The International Bureau of Weights and Measures (BIPM). Local realizations of UTC exist at the national time laboratories. See <http://www.bipm.org/en/scientific/tai/>

Product	Component	Dependencies			Comment
		O/S	JVM	DBMS	
	Metability		X		
	ScanJava, ScanCob, ScanPLI	X			
	RI Buses <sup>2</sup>	X			
	SCANDATASTAGE		X		
	SCANINFORMATICA	X			
	SCANORAC		X		The new filter by date (release 1.50) works with days only not with hours
	SCANSYBASE		X		
	SCANSQLSRVR		X		
ASG Rochade	SCANUDB		X		
	Reconciliation Toolkit		X		
	Data Warehouse Application		X		
	Content Interface Toolkit		X		
	Web Data Dictionary		X		
	SCANMVS	X			
	SCANASM	X			
	SCANBO	X	X		
	SCANCOGNOS	X	X		
ASG Manager Products		X			
ASG ESW / SmartTeam		X			
ASG Visual Process		X			

<sup>2</sup> RI Buses are : ADWBUS, ARTSBUS, BACHBUS, BPWINBUS, CASE4BUS, CMBUS, COOLBUS, COOLGENBUS, DODAFBUS, DB2BUS, ERWINBUS, IEFBUS, IMSBUS, ORACDBUS, PREDBUS, PRISMBUS, PWRDESBUS, PVBUS, ROCHBUS, ROSEBUS, RSMBUS, SABUS, SEBUS, SELECTBUS, TOGETHERBUS, XDEBUS, XLBUS