

## JobPak version 6.1 installation and update guide update

This document provides late breaking and updated operation, administration, and configuration guidelines for the JobPak software product from Nobix, Inc.

### Enabling POSIX (T)ime (Z)one adjustments

The JobPak software is dependent upon POSIX date functions for the management of spoolfiles in the NSD account on the HP3000. Before installing or updating JobPak, set the POSIX Time Zone variable for all users.

Set the TZ CI variable in the system-wide OPTION LOGON UDC.

```
SETVAR TZ "STDoffsetDST"
```

Syntax	Description
STD	The Standard Time Zone where the system is located.
offset	The value that must be added to local time to arrive at Coordinated Universal Time (UTC or Greenwich Mean Time). If the offset is preceded by a – (minus), the time zone is east of the Prime Meridian. The default is west of the Prime Meridian and has no preceding – (minus); + is assumed.
DST	The Daylight Savings Time Zone. If Daylight Savings Time is not used, leave this field empty.

Example:

```
Pacific Time    SETVAR TZ "PST8PDT"  
Mountain Time  SETVAR TZ "MST7MDT"  
Central Time   SETVAR TZ "CST6CDT"  
Eastern Time   SETVAR TZ "EST5EDT"
```

To check the values that have been set for this variable, read the TZTAB.LIB.SYS file on your HP3000 system. This file contains a table that lists all the time zones and their associated variable values. **Do not** modify this file.

If JobPak version 6.1 is currently installed and running on your system and you change the TZ variable, you must stop JobPak and restart to enable the variable change.

If you need assistance, call Nobix Technical Support.

## Updates since October, 1999 for JobPak 6.1d

### Known bugs and fixes

Symptom	Cause	Resolution
<hr/> <b>JobRescue and ElectroPage</b> <hr/>		
Users were confused by an error message in the email program, MAILSMTP, and a message about SERVICES.NET.SYS.	Error messages appeared when an error had not occurred.	Removed these messages from MAILSMTP and from JP09SXL.
<hr/> <b>JobQue</b> <hr/>		
Schedules ran one hour earlier than they should have on the day of the time change.	In JT14SXL, the schedule compiler, the hour of the day is calculated as hours from midnight. Because the day of the time change in October has 25 hours instead of 24, JobQue ran schedules one hour earlier than it should have.	Changed JT14SXL to compensate for the longer or shorter days on the days of the time change.
Schedules that reference a calendar that specifies a day without a time did not run at all on the day of the time change.	Changed JT08SXL and JT14SXL to adjust for the 1:00 a.m. and 11:00 p.m. start of day on the day of the time change.	
	In April, the day of the time change has 23 hours, which would have caused JobQue to run schedules one hour later than it should have.	
	JT08SXL, the main scheduler, identified the start of a day at 00:00:00, midnight. When the main scheduler asked the POSIX date routines for the start of the day of the time change, POSIX returned the time of 1:00 a.m. This caused the main scheduler not to run jobs scheduled for the day of the time change because 00:00:00, midnight, did not occur in the current day.	
	In April, POSIX returns 11:00 p.m. of the previous day as the start of the day of the time change, which might have caused the main scheduler to run the previous day's schedules twice.	

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<b>Symptom</b>	<b>Cause</b>	<b>Resolution</b>
When scheduling dates that include 01-01-2000 or later, scheduled jobs did not run on the dates for which they were scheduled.	When using \$DATE with an explicitly stated year, either in two or four digit format, JT14SXL, the schedule compiler, added 30 years to the date.	Fixed JT14SXL to appropriately handle \$DATE.

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### **ElectroPage**

Folders appeared with dates of 2029.	The date routine, MPE_date_to_time_t, as used in XL.XL, was incorrectly doubling the time.	Wrote DATEFIX to correct the data that had been incorrectly recorded in reports and STDLISTs. Fixed XL.XL to correctly handle the time. Also enhanced REGEN61 to correct headers in STDLISTs that have incorrect dates.
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