

MicroMod

AUTOMATION

Year 2000 Compliance – MOD Products

Revised September 28, 2005

Based on data compiled December 17, 1999

INSTRUMENT PRODUCTS

The following products that have date capability; irrespective of the century in which any dates fall, the product will continue to function and will correctly interpret the dates being processed.

MOD 30 Recorder (1700J / 1701J)

The year is stored and printed as a 2-digit number. The date will be correct through the year 2083. No calculations are done on date in this instrument, so no faults are possible.

MOD 30 Sequence & Logic Unit (1710R / 1711R)

The year is stored as a 2-digit number. The date will be correct through the year 2083. Calculations on dates are not supported in this instrument, so no faults will result.

MOD 30 Other (1700R / 1701R / 1700N / 1701N / 1742N / 2021W / 1700K / 1701K and other 1700 Series MOD 30 products not mentioned above)

These devices do not support dates, so the year 2000 issue does not apply.

MODCELL Indicating Process Controller (2050R)

These devices do not support dates, so the year 2000 issue does not apply.

MODCELL Multiloop Processor (2001N / 2002N) and MOD 30ML (1800R)

The year is stored as a 2-digit number. The date will be correct through the year 2089. No control algorithms use the date, so no operations faults will occur. It is possible for the user to do calculations on the date in the expression, sequence, and MOD 30ML display blocks. The user must verify whether dates are being used in this manner, and if a potential problem can result from a valid 2-digit date. These products will operate properly through and beyond the year 2000.

The above products recognize the leap year date February 29, 2000. The instruments noted above have been tested for compliance by 1) examining the code and 2) configuring the instrument with date functions and setting the time and date so the rollover can be observed. This can be demonstrated if required.



INDUSTRIAL COMPUTERS, PROCESSORS and Related Equipment

Application Processor (2011N), Industrial Processor (2022W), Sealed Workstation (2024W), Industrial Computer (2025W, 2026W)

These products are NOT Year 2000 compliant. The hardware can not be upgraded, though software programs and PC cards are available that correct the date when the processor boots or starts.

Industrial Display (2022D), Industrial Keyboard (1710T)

These devices do not support dates, so the year 2000 issue does not apply.

SOFTWARE PRODUCTS

Our investigation covers software products sold by us and does not address the operating systems required by the personal computer products (e.g. DOS, IBM-DOS, Microsoft Windows etc.) or the personal computer hardware itself. Statements are available directly from the operating system vendors regarding Year 2000 compliance.

Visual Application Designer (VIZAPP)

For instrument configuration purposes, this package does not use dates in any dynamic way, so Year 2000 compliance is not an issue. When using this software for dynamic debug or runtime displays, the year will be displayed correctly through 2037. Note that the computer bios and operating system must also be Year 2000 compliant for VIZAPP to be compliant.

Instrument Configurator (1706S) and Application Builder (2006S)

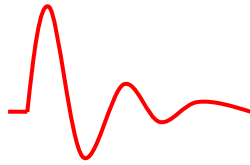
These configuration packages do not use dates in any dynamic way, so Year 2000 compliance is not an issue.

Analyze Software (1746N, 1747N)

Regardless of the personal computer platform used (IBM PC-AT or IBM PS/2), Analyze software does not support dates after December 31, 1999. The Analyze documentation states that YYYY = 1900 to 1999. The software only recognizes the last two digits and assumes the first two are "19".

➡ *Users should migrate to a current software offering, such as Genesis32.*

With regard to personal computer software purchased from third parties, we have received the following information from the manufacturers. This information was current as of the date of this statement. The manufacturer's web site may contain updated information.



PC-30 Series Software (1711S, 1712S, 1720S)

Iconics, Inc. - Genesis Software (DOS)

PC-30 Version 4.0 (Genesis 3.53) and higher, are Year 2000 compliant.

☛ *Earlier versions should be upgraded to the most current version, which is 5.4 (Genesis 3.76), Genesis for Windows or Genesis32.*

The value representing the year in "Year 2000 compliant" versions of PC-30, will be correct with respect to the two least significant digits. For example, in 1999, the date will be 99, in 2000, the date will be 100, and in 2001, the date will be 101.

Drivers and Options

1716S ICN Driver Versions 5.1 (Iconics 3.52) and higher, are Year 2000 compliant.

All other Drivers (17xxS, DD-xxxx numbers) and Options (17xxS, GEN3-xxxx, RSS-xxxx numbers) with Iconics Version 3.53 and higher, are Year 2000 compliant.

Drivers and Options should always be updated to the latest version, when updating the PC-30 WorkStation, Runtime, RSS or Blind Node software they are used with.

Note that compliance is for the product only, and does not cover custom or special routines that are application dependent, such as the "C" User Task and R&R applications. These routines are developed specifically for a user's application and must be evaluated by the user for compliance.

Iconics, Inc. - Genesis for Windows (GFW)

GFW versions 3.53 (3.52 for AlarmWorX+) and higher are fully Year 2000 compliant.

☛ *Previous versions are only partially compliant and should be upgraded to the current version.*

For datalogging, a TRNDWORX.INI parameter has been added:

[Year 2000]

; This section is used for handling year 2000 Date issues

; If Full Date is set to 1, all dates will be shown

; in FULL (including usage of Import/Export utilities)

; else Dates for the year 2000 will be shown as /100 Full Date=0

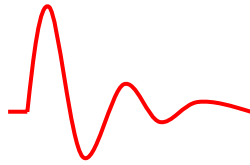
This way the user can switch to full dates for the year 2000. In addition, "short" dates can be supported, which will be 2 digits for years less than 2000 (i.e. 97 for year 1997) and 3 digits for years above 2000 (i.e. 110 for year 2010).

Dates in graphic displays are shown in four digits (i.e. - 1997, 2001).

Drivers

Refer to Drivers and Options section of PC-30

For recent changes and all other Genesis products, refer to the Iconics web site.



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Intellution - FIX / FIX DMACS

The following are the minimum product versions that are fully Year 2000 compliant.

1. FIX 5.65 for Windows 3.x
2. FIX 6.15 for Windows 95 and Windows/NT

➤ *All FIX customers with earlier versions should upgrade to the current version for the operating system being used.*

Drivers (2010S, 2011S and Intellution Drivers)

All versions of the EMP Driver, 2010S and 2011S, are compliant.

The MB1 driver, versions 4 and higher are compliant.

For recent changes, options and all other drivers, refer to the Intellution web site.