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Visit the Safetynet Year 2000 Internet Center at http://www.safetynet.com/yes2k/ for the most current Year 2000 information and program downloads.

### Yes2K Overview

Yes2K detects flaws in the PC hardware that can cause problems when the PC is used after December 31, 1999. Most of these problems are corrected by Yes2K. In a few cases, the only way to resolve the problem is to replace the PC BIOS. After its tests, Yes2K will recommend a solution for bringing the tested PC hardware into year 2000 compliance.

Testing for Y2K-compliance with the DATE command doesn't work! An explanation of Yes2K's test results

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# **Date Command**

A common, but extremely misleading way to test for Year 2000 compliance is to set the date in DOS or Windows to 12/31/1999 and the time to around 23:59:50. After waiting 20 seconds or so, the date shows 1/1/2000 and therefore the PC hardware is Year 2000 compliant. Maybe, but maybe not.

Why not? While recent versions of DOS and Windows support year 2000 dates, they only display the correct date when the system is on. However, over 70% of PCs do not have Year 2000-compliant hardware. On these systems, when the computer is powered on in the year 2000, DOS and Windows get an incorrect date from the hardware. There are other problems including Year 2000 leap year support, Real-Time Clock compatibility, Y2K BIOS support and CMOS century settings. Yes2K detects these problems and when possible offers a correction.

# **Test Results Type Codes**

#### Contacting Safetynet

Following is a list of type codes that Yes2K may display after running its tests. If Yes2K detected a problem, its Compliance Test Results window will display the type code of the problem. When Yes2K is run in network or collection diskette mode, the heading of each data column maps to a Type code as follows:

Y2KDates - Type 2 Y2KRoll - Type 3 Century - Type 1 LeapYr - Type 4b LeapRoll - Type 4a

## Type 1 - CMOS Century Does Not Roll from 19 to 20

Severity - Low

**Action Needed - Yes** 

#### Problem Correctable by Yes2K Monitor - Yes

#### Override - Skip this test by using the /NOCMOS command-line switch

This problem indicates that when the year changes from 1999 to 2000, the CMOS century digits remains at 19 instead of changing to 20. However, programs using the BIOS for their date requests will receive a correct date. Programs that read the date directly from CMOS will receive incorrect results. As the majority of programs use the BIOS to read the date, the likelihood of encountering this error is small. It is least likely to affect standard business applications and most likely to affect programs and drivers that have close interaction with the hardware.

#### Solution

The Yes2K monitor will correct this problem automatically the first time the system is booted in the year 2000.

## Type 2 - No Year 2000 Date Support

#### Severity - High

**Action Needed - Yes** 

#### Problem Correctable by Yes2K Monitor - No

This code is returned when Yes2K cannot change the system date to support a date after December 31, 1999.

#### Solution

The problem can be caused by the PC BIOS not supporting year 2000 dates, or it could be due to a program (e.g. security system) preventing the date from being changed. If there is no program in place to prevent date change, then the BIOS must be replaced with a BIOS that is Year 2000 compliant. Otherwise, year 2000+ dates will not be supported by this computer.

## Type 3 - Date Does Not Roll from 1999 to 2000

#### **Severity - Medium**

#### **Action Needed - Yes**

#### Problem Correctable by Yes2K Monitor - Yes

After 1999, the BIOS date will not automatically change to year 2000. Programs that read the date will receive an incorrect year.

### Solution

The first time the PC is started in the year 2000, the Yes2K monitor will detect and correct this error during bootup. It will then support year 2000+ dates correctly.

### Type 4a - Leap Years Dates Not Set in Year 2000+

### Severity - Medium

#### Action Needed - Yes

#### Problem Correctable by Yes2K Monitor - No

This problem code indicates that the PC BIOS will not automatically set leap year dates in year 2000 and beyond.

### Solution

The first time the PC is started on or after year 2000+ leap year dates, the date should be checked and adjusted by the user. If this is not a satisfactory solution, then the BIOS must be upgraded to one that is fully Y2K compliant.

## Type 4b - Leap Years Dates Not Supported in Year 2000+

#### Severity - High

#### Action Needed - Yes

#### Problem Correctable by Yes2K Monitor - No

This problem code indicates that the BIOS does not support year 2000+ leap year dates. Yes2K tried to set the date to February 29, 2000 and the date was not accepted.

#### Solution

The BIOS must be replaced for proper handling of year 2000+ dates.

## Type 5 - System Date Could Not Be Changed

Severity - Low

### Action Needed - Yes

#### Problem Correctable by Yes2K Monitor - No

Yes2K did not perform its tests since the system date could not be changed. Year 2000 compliance tests were not performed.

#### Solution

Check the system and disable any programs (e.g. security software) which may prevent changing the system date. Then run Yes2K again to perform its Year 2000 compliance tests.

## Type 6 - Real Time Clock (RTC) Could Not Be Read

#### Severity - Low

#### Action Needed - Yes

#### Problem Correctable by Yes2K Monitor - No

Yes2K could not access the date and time from the Real Time Clock chip (RTC). Year 2000 compliance tests were not performed.

#### Solution

If this is an original PC or XT, the system date must be changed each time the computer is started,

so make sure to set the proper date. If this PC is IBM PC AT-compatible, try resetting the computer and running Yes2K again. If the test still does not work on an AT-class or higher computer, please notify Safetynet technical support.

# **Contacting Safetynet**

Safetynet can be contacted at the following address:

### **Mailing Address**

Safetynet, Inc. 140 Mountain Ave. Springfield, NJ 07081 United States of America

### **Phone Numbers**

973-467-0465 (Support - 9am to 5pm EST) 973-467-1611 (Fax)

### EMail

yes2k@safetynet.com

### WWW

http://www.safetynet.com

# **Before Running Yes2K**

In performing its Year 2000 tests, Yes2K temporarily changes the PC system date to 1/1/2000 and beyond.

Safetynet strongly recommends that you close down any date dependent software before running this test. In addition, if the PC runs time-bound software, please backup the system before running this program.

In any event, the developers will not be held responsible for any loss of data or program use because of running Yes2K.

Legal Disclaimer

# Legal Disclaimer

Safetynet expressly disclaims any warranty for Yes2K. Yes2K and any related documentation is provided "as is" without warranty of any kind, either express or implied, including, without limitation, the implied warranties or merchantability, fitness for a particular purpose, or noninfringement. The entire risk arising out of use or performance of the software product remains with you.

To the maximum extent permitted by applicable law, in no event shall Safetynet or its suppliers be liable for any special, incidental, indirect, or consequential damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or any other pecuniary loss) arising out of the use of or inability to use Yes2K or the provision of or failure to provide Support Services, even if Safetynet has been advised of the possibility of such damages.

# Yes2K for Windows and DOS

Yes2K is provided in Windows and DOS versions.

• The Windows version is named YES2K.EXE. It should be used to test systems running Windows 98, Windows 95 and Windows 3.x.

NT Note: Windows NT blocks the hardware tests needed to check for year 2000 compliance. Because of this, YES2K.EXE cannot be run on a PC running Windows NT. To test a Windows NT PC or server, shut down NT and boot the computer from a DOS diskette. Then run YES2KDOS.EXE from diskette. After the test, check the date and time to make sure they are correct. Then restart Windows NT from the hard drive.

 The DOS version is named YES2KDOS.EXE. It is used to test PCs booted to a DOS prompt. YES2KDOS should not be run in a DOS Window under Windows. Use the Yes2K Windows version instead.

## **Command-Line Switches and Examples**

See also:

#### Yes2K Test Results File Format

When Yes2K is run in network or collection disk mode, the workstation name must be specified as a command-line switch. Following is a list of the command-line switches.

#### Workstation Name Switches (required to save test results to a file)

For Yes2K to write its test results to a file, a workstation name must be specified. Use one of the following two command-line switches to specify a workstation name.

/WC - sets workstation name to Windows 95/98 Computer Name /WN=<workstation name> /WE=<workstation\_name\_from\_environment\_variable> /PN - prompts the user for a workstation name

Note: If more than one of the above switches are used on the same command line, Yes2K will try the switches in the order listed below until a workstation name is found. Once a name is found, subsequent workstation name switches will be ignored.

Order to search for workstation name: /WN= /WE= /WC /PN

Example: YES2K /WE=PCID /WC /PN

Yes2K will look for environment variable PCID and take the workstation name from that variable. If the PCID variable does not exist, it will take the workstation name from the Win95/98 Computer Name found in the Windows Network Properties screen. If a name is not found, Yes2K will prompt the user for a workstation name.

#### **Results File Switch (optional)**

If a workstation name is specified, Yes2K will append its results to a RESULTS.Y2K file located in its directory. To specify a different directory and file prefix for its results, use the /RESULTS= switch.

/RESULTS=<results\_directory\_and\_file\_prefix>

Switches only available in the Yes2K Windows scanner (YES2K.EXE)

/NODSTMSG - Don't display Daylight Savings Time message

/DSTRESTART - Restart Windows when Daylight Savings Time is active

Switches only available in the Yes2K DOS scanner (YES2KDOS.EXE)

/REMOVE - Removes the <u>YES2KMON</u>.EXE monitor from the workstation

#### **Defining a Workstation Name**

#### Note: For Novell Netware Users

When adding Yes2K to a Netware login script it is sometimes necessary to prefix the Yes2K command line with "START". This will fix a potential multi-tasking problem between Windows 95 and Netware. For example:

#### #START J:\BIN\YES2K.EXE /WC

#### /WC

For Windows 95 and 98, sets the workstation name to the "Computer name:" setting in Network

Neighborhood | Properties | Identification | Computer name.

For Windows NT Advanced Server and Windows peer to peer networks, the Computer name setting must be unique. However, in some networks such as Netware, this setting is required and may not be unique. See the /WN= switch below to guarantee unique workstation names on Netware networks.

#### /WN=<workstation\_name>

Sets the workstation name to whatever is specified for <workstation\_name>. As an example, using /WN=PC01 will set the workstation name to PC01.

In some network environments, it may be possible to use the user's login name and/or workstation network card address. For example, in Netware networks, the following line can be used to name the workstation as the user's network login name and network card NIC address:

#### #J:\BIN\YES2K.EXE /WN=%1-%P STATION

#### /WE=<name\_from\_environment\_variable>

Instructs Yes2K to take the workstation name from an environment variable. For example, if an environment variable PCID is set to a unique name on each workstation, then /WE=PCID will set the workstation name to that value. For example:

#### #J:\BIN\YES2K.EXE /WE=PCID

In the above example, if environment variable PCID is set to LABPC01, then the workstation name field will be set to LABPC01 in results file RESULTS.Y2K. When a Y2K problem can be corrected, Yes2K installs the Yes2Kmon monitor locally on each non-Y2K compliant PC. An entry is made to its log file indicating that the correction was installed.

#### Saving Test Results to a File

#### /RESULTS=<results\_directory\_and\_file\_prefix>

When collecting year 2000-compliance data for multiple PCs (via /WE= or /WN=), Yes2K writes its test data to a RESULTS.Y2K file in its program directory. Use the /RESULTS= switch to specify the directory and file prefix of a different location for this file. For example, use /RESULTS=J:\DATA\ RESULTS to write data to a RESULTS.Y2K file in the J:\DATA directory.

Note: Yes2K always adds a .Y2K file extension to the end of its results files. This enables its Compliance Console to easily locate Yes2K test results files.

Windows Tip - UNC Names: Besides using standard drive and directory paths, the Windows version of Yes2K can also save results using UNC naming conventions. For example, to save results to file server MAIN and drive SYS, you could use /RESULTS=\\MAIN\SYS\DATA\ RESULTS.Y2K. Depending on the Windows version and network client, you may have to format your UNC path differently.

#### **Additional Command-Line Switches**

#### /NODSTMSG

Not available in the Yes2K DOS scanner (YES2KDOS.EXE)

Windows 95 and 98 can automatically adjust the time forward and backward for Daylight Savings Time. This will prevent Yes2K from properly completing its tests. To test a PC with this feature enabled, Yes2K will disable the Daylight Savings Time option. It then displays a message to the

user that the system must be restarted to perform the year 2000-compliance test. Use the /NODSTMSG switch to prevent this message from being displayed. Used in conjunction with the /DSTRESTART switch, Windows can be restarted and tested automatically without user intervention.

#### /DSTRESTART

Not available in the Yes2K DOS scanner (YES2KDOS.EXE)

When Daylight Savings Time automatic adjustment is set under Windows 95 and Windows 98, Yes2K must disable this setting and restart Windows. Otherwise, it cannot proceed with the year 2000-compliance test. Use this switch along with the /NODSTMSG switch to automatically restart Windows, rerun Yes2K from the network login script, and perform its tests. If this switch is not used, Yes2K will not test the system until it is restarted and the Daylight Savings Time automatic adjustment is disabled.

#### /NOCMOS

Instructs Yes2K to skip its CMOS Y2K-compatibility test. Most newer PCs claim 100% Y2K compatibility since their BIOSes include enhanced Year 2000 support. However, many of these PCs do not change the CMOS century from 19 to 20 when the year rolls to 2000. By default, Yes2K will test for CMOS Year 2000 compatibility. For most users, CMOS compatibility may not be essential since programs usually get their date from the operating system or from the BIOS. However, it is not possible to examine all programs to see how they read the date. And for some programs, especially in the data acquisition and hardware support catagories, CMOS compatibility may be essential.

When this switch is selected and Yes2K is run in network or collection disk mode, it will write "n/a" under the CMOS Century Test column.

#### /NOFIX

When Yes2K is run in network mode (with a workstation name switch) and a correctable problem is detected, it will install its monitor to guard against the problem. To prevent it from installing the monitor, add the /NOFIX switch to the command line. Alternately, in the Yes2K Compliance Console, you can prevent the fix from being installed by deselecting the feature its Options | Network Options menu.

#### /REMOVE

Not available in the Yes2K Windows scanner (YES2K.EXE)

Removes the Yes2K monitor (YES2KMON.EXE) from the workstation. This switch is usually used in the network login script.

Syntax: YES2KDOS /REMOVE

## **Test Results File Format**

See also:

#### Result Type Codes

#### Command-line Switches and Examples

When run with a command-line switch that sets the workstation name (/WN=, /WE=, /WC or /PN), Yes2K will append its year 2000 compliance test results to a data file. This file is written in tabdelimited format, with the first row containing the field headers, and each additional row containing the test results for a particular computer. The format of the Results file is as follows:

#### Field 1: Station Name

Shows the name of the workstation that is tested. This value is taken from a workstation name command-line switch.

#### Field 2:Y2K Dates

Shows whether the PC can support dates after December 31, 1999. Value is Pass or Fail. See Result Type 2 for more details.

#### Field 3: Y2K Rollover

Shows whether the PC BIOS automatically roll over from December 31, 1999 to January 1, 2000. Value is Pass or Fail. See Result Type 3 for more details.

#### Field 4: Y2K Century

Shows whether the CMOS century is updated to 20 when the year changes from 1999 to 2000. Value is Pass or Warning. See Result Type 1 for more details.

#### Field 5: Y2K Leap Support

Shows whether the BIOS supports leap year dates in year 2000 and beyond. Value is Pass or Fail. See Result Type 4b for more details.

#### Field 6: Y2K Leap Roll

Shows whether the system will automatically roll to leap year dates in year 2000 and beyond. Value is Pass or Fail. See Result Type 4a for more details.

#### Field 7: Correctable

A field value of Yes indicates that <u>Yes2Kmon</u> can detect and correct the Y2K-compliance problem. A 'No' value means that the problem is not correctable by Yes2Kmon. A 'n/a' value indicates that the workstation does not require or will not benefit from Yes2Kmon.

#### Field 8: Yes2Kmon Installed

Shows whether Yes2Kmon has been installed on the workstation. This will correct the Y2K problem during the workstation boot process.

#### Field 9: Test Date

The date that the Yes2K compliance test was performed.

#### Field 10: Test Time

The time of day that the Yes2K compliance test was performed.

# **Testing a Standalone PC**

The following steps will run Yes2K on different operating system platforms.

Important: Yes2K sets the system date to 1/1/2000 and beyond to do its compliance tests. Before running Yes2K, make sure that all date sensitive programs are closed.

#### PCs running Windows 98, Windows 95

- 1 Start Windows and bring up the graphical user interface.
- 2 Close all date sensitive software.
- 3 Select Run from the Start button and Browse to the directory where Yes2K files are located. Alternately, run Explorer and locate the Yes2K directory.
- 4 Run YES2K.EXE.
- 5 Follow the on-screen prompts.

#### PCs running Windows 3.x

- 1 Close all date sensitive software.
- 2 Activate the Windows Program Manager.
- 3 Select the File | Run menu and browse to the directory where Yes2K is located.
- 4 Run YES2K.EXE.
- 5 Follow the on-screen prompts.

### PCs running DOS and Windows NT

- 1 Close all date sensitive software.
- 2 From DOS (not a DOS window under Windows), switch to the directory where Yes2K is located.
- 3 Run YES2KDOS.EXE.
- 4 Follow the on-screen prompts.

# **Testing a Network File Server**

PC-based file server hardware running networks such as Novell Netware, NT Advanced Server and Banyan Vines can be tested for year 2000 compliance as long as they can be booted from a DOS diskette. Follow the steps below to perform the test.

- 1 Down the network.
- 2 Boot the file server to a DOS prompt.
- 3 Run the YES2KDOS.EXE program.
- 4 Follow the on-screen prompts.
- 5 After Yes2K is finished with its tests, make sure the server date and time are reset properly before starting the network.

# **Testing Network Workstations**

#### Command-line Switches and Examples

While Yes2K is easily run in standalone mode to scan an individual computer, its has been designed to automatically test and correct all workstations in a networked environment. Workstation testing can be done without the admnistrator having to visit each workstation. To accomplish this, Yes2K provides both Windows (YES2K.EXE) and DOS (YES2KDOS.EXE) compliance scanners, and a central Compliance Manager console (YES2KADM.EXE). The steps required to scan multiple networked workstations are as follows:

- 1 Install Yes2K to a file server directory.
- 2 Run the Yes2K Compliance Manager console (YES2KADMN.EXE) and set the appropriate scanner options under the Options | Network Options... menu.
- 3 Allow full access to the Yes2K server directory for all users.
- 4 Determine how each workstation will be identified in the central results file by using a workstation name command-line switch. The available switches are /WC, /WE=, /WN= and /PN).
- 5 Run the Yes2K scanner from each workstation using one of the workstation name switches. Use YES2K.EXE for testing Windows PCs and YES2KDOS.EXE for DOS PCs. A sample Y2DOSWIN.BAT file is provided in the Yes2K directory to automatically choose which version to run.

If your network has login script capability, it is an excellent place to run Yes2K for automatic workstation testing. Run YES2K.EXE for networks with Win95/98 PCs, YES2KDOS.EXE for networks with DOS/Win3.x PCs, or the Y2DOSWIN.BAT file for networks with DOS/Win3.x and Win95/98 workstations.

If running the Y2DOSWIN.BAT file, you may need to customize its switches to your specific needs. By default, Y2DOSWIN.BAT identifies Win95/98 workstations by the Computer Name in Network Properties (via /WC). If the Computer Name is not set, the user is prompted (via /PN) for a workstation name. For DOS/Win3.x workstations, the user is prompted for a workstation name.

- 6 After workstation test data has been collected, run the Yes2K Compliance Manager console and open the RESULTS.Y2K file. If you used the /RESULTS= switch to specify another data file location and name, select that file instead.
- 7 Yes2K collection data for all tested PCs will be displayed in the Test Results list for analysis, sorting and printing.
- 8 Once a PC has been added to the Test Results list, the Yes2K scanners will not test those PCs again. To retest one or more PCs, highlight them and select the Delete / Retest... menu choice.

#### Note For Novell Netware Users

When adding Yes2K to a Netware login script it is sometimes necessary to prefix the Yes2K command line with "START". This will fix a potential multi-tasking problem between Windows 95 and Netware. For example:

#START J:\BIN\YES2K.EXE /WC Yes2K Command-line Switches and Examples

## Saving test results to a central data file

Yes2K saves time by providing support for testing and fixing of hundreds PCs simultaneously from the network. It appends its test results to a central RESULTS.Y2K data file for easy network monitoring of the test and fix process. Results can be saved to a path and name of your choice (with the /RESULTS= command-line switch), providing separation of data based on your requirements. Yes2K incorporates seven years of network design refinements and works smoothly on even the most busy networks.

The administrator analyzes the test results to produce Year 2000 PC compliance reports with the included Yes2K Compliance Manager.

Command-line switches and examples Testing multiple standalone PCs Automatic testing of network workstations Yes2K test results file format

# **Collection Diskette for Standalone PCs**

### **Testing Multiple Standalone PCs**

The Yes2K program and test results can be stored on a 3.5" 1.44Mb or larger collection diskette. With this method, the administrator visits each PC and runs the Yes2K program from diskette. The results of the year 2000-compliance tests for each PC are appended to a diskette data file for later analysis and reporting.

To create the collection diskette, during the initial setup of Yes2K, choose a diskette drive to install its files. When testing a large number of standalone systems, free diskette space can be increated by removing the YES2K.HLP and <u>YES2KADM.EXE</u> files from the collection diskette.

To instruct Yes2K to write its results to the RESULTS.Y2K data file, the workstation name must be provided as a command-line switch (using /WC, /WN=, /WE= or /PN) when the program is run.

The following example runs the DOS version of Yes2K, sets the workstation name to PC01 (/WN=PC01), and appends the results to its default RESULTS.Y2K file:

YES2KDOS.EXE /WN=PC01

Select the following link for addition command-line switches and examples.

Command-line Switches and Examples

## Year 2000 Compliance Monitor

Included with Yes2K is the Yes2K monitor (YES2KMON.EXE) which brings year 2000 hardware compliance to non-Y2K compliant PCs.

<u>Yes2Kmon</u> eliminates having to keep track of PC BIOS and Real-Time Clock problems by analyzing the hardware date each time the PC is booted. For network administrators, Yes2Kmon can be installed automatically to all PCs that need corrective action. This eliminates the need to visit each PC, greatly reduces time spent diagnosing and correcting PC Y2K hardware compliance issues.

#### How Yes2Kmon Works

Yes2Kmon is distributed to non-Y2K compliant PCs by the Yes2K Windows or DOS compliance testers. When Yes2K determines that the PC hardware can support Year 2000 dates, it will install Yes2Kmon automatically or manually by the user selecting OK when prompted. If you do not want to distribute the fix automatically, the /NOFIX command-line switch can be used.

Yes2Kmon is run from the CONFIG.SYS file before any other applications are run. It silently reads system date settings and determines if corrective action is needed. If no action is required, Yes2Kmon ends and unloads from memory. If a date problem is found, it displays the current incorrect system date and prompts the user to supply the correct date. Once a valid date is entered, Yes2Kmon ends. Since Yes2Kmon is not a device driver or TSR, no memory overhead is taken from the system after it runs.

# Yes2K Compliance Manager

### Master Table of Contents (including network setup)

The Compliance Manager (YES2KADM.EXE) is the management console for Yes2K. It allows the administrator to centrally manage and analyze Year 2000 tests from several to over 10,000 PCs and networked workstations.

The Compliance Manager program is made up of the following:

## Menus

File Menu

Open Results File... Save Results File...

Import...

Print...

Exit...

### Edit Menu

Delete / Retest...

### **Options Menu**

<u>Network Options...</u> <u>View Failed PCs in Red</u>

### Help Menu

<u>Contents</u> <u>Register</u> Yes2K Internet Site

### **Results Area**

Sort Results By: <u>Test Results List</u> Workstation Compliance Table Select this menu option to open a Results file created by the Yes2K Windows or DOS scanners. Yes2K files have an extension of .Y2K.

Select this menu option to save the Yes2K results file. The file should be saved if you have removed any workstations from the list for deletion or retest.

## Import a Yes2K Results File

Yes2K can save the test results for one or more workstations to a data file. The Import feature, which is located under the File menu, allows you to combine the test results from multiple files into one data file.

When Import is selected, a browse windows is displayed. Locate and select the file to be imported and combined with the currently opened list. Only unique workstation names will be imported. If any duplicate records exist in the import file, they will not be added to the master list.

To stop an import operation already in progress, select the Cancel button.

The Print menu allows you to print the list of test results in column format. Select "All" to print all workstations in the list. Choose "Selected" to only print the highlighted workstations. If "Selected" is chosen, the Pass/Fail statistics that appear at the bottom of the tests results list will be recalculated and printed for the selected workstations. The test results will be printed in the sort order that they are displayed.

Choose Exit to end the Yes2K Compliance Manager console. If any list items were deleted, you will be prompted to save the new list.

Workstations that appear in the results list will not be tested again, so to retest a workstation, it must be deleted from the list. Use the Delete / Retest menu option to remove a tested workstation from the results list.

# **Network Options**

#### **Fix Non-Compliant PCs**

When a PC has a correctable Y2K compliance problem, Yes2K can install its <u>Yes2Kmon</u> program to monitor and correct the problem. In network mode (with a workstation name set by the /WN=, /WE=, /WC or /PN command-line switch), the default is to automatically install Yes2Kmon when needed. Remove the check box from this setting to prevent this protection from being installed. In standalone mode, the user is given the option of installing protection each time the Yes2K tester is run.

#### **Date Warning**

In performing its Year 2000 tests, Yes2K temporarily changes the PC system date to 1/1/2000 and beyond. By default, Yes2K displays a warning to the user to exit any date dependent software before continuing with the Y2K-compliance tests. We strongly recommend that you keep this warning message displayed.

If your environment does not contain any active date-dependant software or data files, you may wish to suppress this warning. Remove the check from this option to prevent the date warning message from being displayed.

#### Disclaimer - Before Running Yes2K

#### **Pre-scan Delay**

When logging into a network, sometimes it takes a few seconds for the network client to synchronize the workstation time with the file server. This unexpected change of date and time can cause problems with the Yes2K tests. Use the pre-scan delay option to tell Yes2K to wait a specified number of seconds before beginning its year 2000 tests.

Workstations that cannot be corrected by the Yes2K monitor are displayed in the test results list with red text. Place a check mark in front of this option to display failed workstations in red, or remove the check mark to display all workstations with black text.

This menu choice displays the Yes2K registering information window, which describes the various purchasing options for Yes2K.

Yes2K is distributed and supported from the Safetynet Internet site located at http://www.safetynet.com/yes2k/

Contacting Safetynet

The test results table is initially sorted by workstation name. Select the desired field and the Compliance Manager will sort the test results by that field. The test results will be printed in the sort order that they are displayed.

# **Test Results List**

The Test Results List is the main window of the Yes2K Compliance Manager. Each row contains the compliance results for a specific workstation. Ten columns of data are listed for each workstation. By default, workstations that have a Year 2000 hardware problem that cannot be corrected by Yes2K are highlighted with red text.

The results list resizes dynamically to the size of the Compliance Manager window. If columns appear off the right side of the list, maximize the Compliance Manager or use the horizontal scroll bars at the bottom of the list window.

#### **Test Results Columns**

Station Name - Name of workstation tested (via /WN= or /WE= switches) Y2KDates - Can the workstation support dates after 12/31/1999 Y2K Roll - Did the BIOS roll correctly from 12/31/1999 to 1/1/2000 CMOS Yr - Did the CMOS century byte roll from 19 to 20 Leap Yr - Are leap year dates after 12/31/1999 supported Leap Roll - Do leap year dates roll properly Fixable - Can the Yes2K workstation monitor correct this problem Fixed - Was the workstation monitor installed to the PC to fix the problem Test Date - Date that workstation was tested (mm-dd-yyyy) Test Time - Time in 24 hour format that workstation was tested (hh:mm:ss)

#### Click here to view specifics of the compliance test columns

#### **Test Results Statistics**

The bottom line of the Test Results List displays the number of workstations in the list, and the percent of workstations passing each test. For the Fixable column, the statistic shows the percent of PCs that either don't need a fix (n/a) or can be fixed by the Yes2K monitor (Yes). For the Fixed column, the statistic shows the percent of PCs that either don't need a fix (n/a) or have the Yes2K monitor installed to their local hard drive (Yes).

Displays the results of a highlighted workstation in table format. Tests which did not pass are displayed in red.