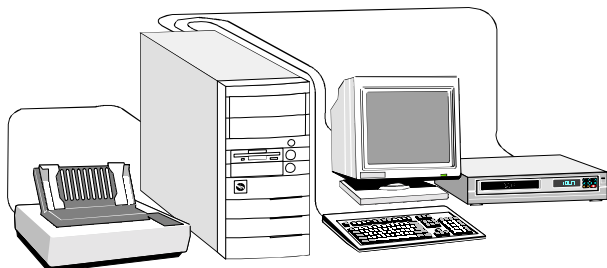


Year 2000 PC Clock Utility

Rosenthal Year 2000 Fix™ and
CMOS/Clock Battery Monitor Utility



About this Guide

This guide explains how to test your POS/EM®¹ computer for Year 2000 support. It also explains how to install the special software needed to support Year 2000 dates if your POS/EM computer does not pass the tests.

A README file on the Year 2000 Utility diskette also explains how to install the software.

Other related documents:

- POS/EM Value System Administrator's Manual, 8000-1488-01

If you need assistance...

Call Sensormatic Customer Support at:

1-800-543-9740

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Testing the POS/EM Value Computer for Year 2000 Support

The BIOS clocks on many older computers do not support 4-digit years. The following three tests let you determine if your POS/EM computer will support dates after 1999.

Test I. Year 2000 Rollover

Perform this test to check the computer for proper century rollover by forcing it to change from 1999 to 2000.

1. Exit the Surveillance mode by typing **Q**.
2. Type the password (the default is **POSEM**). The Main Menu appears.
3. Press **Ctrl+C** to exit the Main Menu.
4. Type **Y** in response to: Do you want to exit (Y/N)?
5. At the DOS prompt (C:\> or C:\PV>), type:

date and press **Enter**.

The computer displays:

```
The current date is: Mon  
03/01/1999
```

```
Enter the new date: (mm-dd-yy)
```

6. Type: **12-31-99** and press **Enter**.
7. At the DOS prompt, type:
time and press **Enter**
The computer displays:

```
The current time is: 10:25:48
```


Enter the new time:
8. Type: **23:59** and press **Enter**.
9. Wait two minutes, then type **date** at the DOS prompt and press **Enter**.
If the computer displays the current date as 01/01/2000, continue to step 10; if not, continue with **Installing the Year 2000 Utility**.
10. Turn off the computer; wait two minutes, and turn on the computer.

Note: If the date is not displayed during startup, perform steps 1 through 5 above.

Observe the date during startup. If the date is still 01/01/2000, the computer has passed the Rollover Test. Continue to **Test II**.

If the computer displays any other date, continue with **Installing the Year 2000 Utility**.

Test II. Post 2000 Date Entry

Perform this test to determine if your computer will allow you to set a future date.

Begin at step 1 if the computer is in the Surveillance mode. Begin at step 3 if the Main Menu is displayed. Begin at step 5 if the DOS prompt is displayed.

1. Exit the Surveillance mode by typing **Q**.
2. Type the password (the default is **POSEM**). The Main Menu appears.
3. Press **Ctrl+C** to exit the Main Menu.
4. Type **Y** in response to: Do you want to exit (Y/N)?
5. At the DOS prompt (C:\> or C:\PV>), type:
date and press **Enter**.

The computer displays:

```
The current date is: Sat  
01/01/2000
```

```
Enter the new date: (mm-dd-yy)
```

6. Type: **05-09-2003** and press **Enter**.
7. At the DOS prompt, type:
date and press **Enter**.

If the computer displays the current date as 05/09/2003, continue to step 8; if not, continue with **Installing the Year 2000 Utility**.

8. Turn off the computer; wait two minutes, and turn on the computer.

Note: If the date is not displayed during startup, perform steps 1 through 5 above.

Observe the date during startup. If the date is still 05/09/2003, the computer has passed the Post 2000 Date Entry Test. Continue to **Test III**.

If the computer displays any other date, continue with **Installing the Year 2000 Utility**.

Test III. Year 2000 Leap Year

Perform this test to determine if your computer recognizes the year 2000 as a leap year.

Begin at step 1 if the computer is in the Surveillance mode. Begin at step 3 if the Main Menu is displayed. Begin at step 5 if the DOS prompt is displayed.

1. Exit the Surveillance mode by typing **Q**.
2. Type the password (the default is **POSEM**). The Main Menu appears.
3. Press **Ctrl+C** to exit the Main Menu.
4. Type **Y** in response to: Do you want to exit (Y/N)?
5. At the DOS prompt (C:\> or C:\PV>), type:
date and press **Enter**.

The computer displays:

```
The current date is: Fri  
05/09/2003
```

```
Enter the new date: (mm-dd-yy)
```

6. Type: **02-28-2000** and press **Enter**.

7. At the DOS prompt, type:

time and press **Enter**

The computer displays:

```
The current time is: 10:25:48
```

```
Enter the new time:
```

8. Type: **23:59** and press **Enter**.
9. Wait two minutes, then type **date** at the DOS prompt and press **Enter**.

If the computer displays the current date as 02/29/2000, **and** it has passed Tests I and II, the computer's BIOS clock is working properly for Year 2000 dates; continue to step 10.

If the computer did not display the leap year date, continue with **Installing the Year 2000 Utility**.

10. At the DOS prompt, type **date** and press **Enter**.

11. Enter the current date.

12. At the DOS prompt, type **time** and press **Enter**.

13. Enter the current time.

14. Restart the computer and enter the Surveillance mode.

You do not need to install the Year 2000 Utility.

Installing the Year 2000 Utility

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This procedure adds the Rosenthal Year 2000 Fix™ and CMOS/Clock Battery Monitor Utility to the POS/EM Value computer.

Note: Although this installation was tested on large number of POS/EM configurations with complete success, there is no guarantee that it will work without problems on your configuration.

1. Exit the Surveillance mode by typing **Q** or by pressing **Esc**.
2. Type the password (the default is **POSEM**). The Main Menu appears.
3. Press **Ctrl+C** to exit the Main Menu.
4. Type **Y** in response to: Do you want to exit (Y/N)?
5. Insert the Year 2000 Utility diskette into the drive.
6. At the DOS prompt (**C:\PV>**), type:
a: updatec and press **Enter**.
The Year 2000 Utility is installed on the computer.
7. Remove the Year 2000 Utility diskette from the drive.
8. Press **Ctrl+Alt+Delete** or press the reset switch to restart the computer.
If the system starts properly, you have successfully completed the installation of the POS/EM Year 2000 Utility.
If the system does not start properly, you can uninstall the Year 2000 Utility. To do this, perform steps 1 through 5 above, and continue to step 9.
9. At the DOS prompt (**C:\PV>**), type:
a: undoc and press **Enter**.
10. Remove the Year 2000 Utility diskette from the drive.
11. When the DOS prompt reappears, press **Ctrl+Alt+Delete** or press the reset switch to restart the computer.

If you experience any problems, contact Sensormatic POS/EM Technical Support for assistance.