## Laptop clock losing time

A computer clock losing time could be an indication that the CMOS battery is dying and needs to be replaced.

## **CMOS Battery replacement:**

The CMOS battery is usually located on the motherboard near the power supply. It will be two small AA batteries in a casing in very old computers, or <u>a shiny round battery about the size of a quarter in newer computers</u>. Write down the number on the quarter-size battery and pick up a new one at Radio Shack, Office Depot, Walmart, Walgreens or another computer shop. They usually run about \$2.50.

CAUTION:<u>Before removing the old CMOS battery</u>, purchase a new one to have ready at the time you remove the old one as all CMOS settings will be lost of the computer is left without the battery for a long period of time.

**CAUTION 2**: <u>Before</u> removing the computer cover, power down and unplug the power cable to the computer. Take hold of the frame of the computer case to discharge any static electricity on yourself before touching ANYTHING inside the computer case.

Remove the old CMOS battery and immediately replace it with the new battery.

## CMOS BATTERY REPLACEMENT FOR GATEWAY

The CMOS battery holds the computer's basic settings when you power down your computer. It must not be allowed to die completely. If you notice an ongoing loss of time on your computer clock (bottom righthand corner of screen), it is a good indication that your CMOS battery is about to go. Replace it.

Q: I have a Gateway PC that's 2 years old. Over the past four weeks or so, the process of booting up has been interrupted just after loading the peripherals and before starting Windows 95. This message appears; NVRAM data invalid: NVRAM cleared. Press F1 to run setup, or press ESC to continue.

I always press ESC, and the Windows 95 bootup starts. How do I get rid of this irritation?

A: this problem can be solved by getting a new NVRAM battery. You can order one from Gateway for about \$10. After you obtain the battery, open the PC and follow the instructions that come with the battery.

Revised 5/29/2009 JMM