DriverCure

Product Backgrounder

Imagine being lost in a foreign city. You can't understand the language, and you can't find your phrase book. Or how about not being able to hear at all? This is how hardware devices, such as your printer or scanner, behave when they do not have the right driver.

What is a driver?
Drivers, both for hardware and software, act as translators between hardware devices, the programs that use them, and the operating system. Hardware devices such as printers and scanners need specialized commands, while software tends to utilize more generic instructions. In order to print a document from your word processor, the instructions have to be translated by the driver into specific commands that the printer understands.

Due to the instructions required, drivers are specific to a certain piece of hardware. Even different versions of a certain hardware device will require a distinct driver. When changes are made to the hardware, the driver needs to be upgraded as well.

What are driver problems?
Drivers are integral to hardware devices, and there are a number of symptoms that can be used to diagnose "driver problems." However, the first and most noticeable is that the hardware device is simply not working. If you do not have the right driver, your hardware devices will not function. At times, some components will work in a limited capacity in what is called "generic mode." For example, a video display might work only in low resolution mode without the correct driver. Of course, this means you are getting much less than the full value and performance out of your hardware device.

Another sign of a driver problem is when a hardware device fails or does not work properly. There are times when having the wrong driver installed or a poorly written driver can cause your PC to freeze, lockup or crash.

Brian Vizina of Gecko Technologies Consulting Ltd. says updating drivers typically fixes known conflicts with other drivers. In his experience, the driver is the culprit of computer problems at least 50 per cent of the time.

How do you find drivers?
Finding the correct, updated driver for your various components can be time-consuming. Many hardware devices come with discs containing drivers. Over time those discs can easily be damaged or lost. Even so, if you upgrade your computer the disc might not have the right driver for your new operating system.

Drivers can be found through online searches. This can be a time-consuming and extremely frustrating process. Unless you are dealing with a trusted site you could be downloading a driver that will not work or which could cause problems. You could also be unwittingly installing spyware, viruses or other malicious

code on your machine: malware authors prey upon people looking for something they need, and will often disguise viruses as drivers.

Make updating drivers easier
ParetoLogic DriverCure greatly simplifies the process of finding and updating drivers. This sophisticated software thoroughly scans your PC to see which drivers you need. It then refers to a database, which is continually being updated, to get you the correct driver. It keeps track of what drivers you have and if a new one becomes available you will be notified of the update.

Drivers are underrated parts of your computer. ParetoLogic DriverCure will ensure you have the correct drivers so that your hardware devices function and that you are getting the most that you can out of them.

ParetoLogic DriverCure Key Features:
- No more worries about whether hardware devices will work. You will have the correct andmost up-to-date drivers available
- Improved performance and stability with the latest Vista and Windows drivers for your printer, scanner, sound card, digital camera, graphics card and other hardware devices
- Email notification when new drivers are available.
- Monitoring a growing list of over 4,000 software applications and more than 3,000 hardware vendors
- Quick and easy-to-use