

Hill Driver Solutions specializes in Windows Device Driver design and development. Our professional approach means we hit the ground running, work independently, and deliver a well tested product that will meet your requirements on time, the first time. Through weekly reporting, we ensure that you are informed and updated as to the progress of your product.

Our clients appreciate the straight forward, business-like methods we use to develop drivers designed to make your product perform to the potential you envisioned. Hill Driver Solutions believes you deserve knowledgeable professionals who know Microsoft Operating System technology inside and out. We also provide the benefit of a wide range of experience with hardware, firmware and application software which allows us to provide valuable insights.

Developing Windows Device Drivers is a difficult task. Unlike application software or firmware development, the driver writer is working to extend the capabilities of the Windows Operating System that is by and large a non deterministic black box. Getting a driver to work is an important challenge, but predicting when it will work is critical to the process. The device driver is a fundamental building block of many products. Often-times it must be in place and working before a project can move forward. Hill Driver Solutions applies a rigorous and disciplined development plan. We feel this is key to the development of reliable drivers which will meet your specifications and are completed on time the first time.

## Our Services

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**Do you have a driver project in mind? Give us a call, we would love to talk to you about it. We offer a wide range of Windows Driver related services. Most of these services can be offered on a fixed bid bases.**

### Custom Device Drivers

We have experience designing Windows drivers of all types. Filter drivers, class drivers, storage drivers, streaming drivers, network drivers, miniport drivers ... we do them all.

### Our specialty areas include:

- Windows NT/2000/XP Drivers
- Windows XP Embedded
- USB Drivers
- SATA/ATA Drivers
- VME Drivers
- Windows 95/98/Me Drivers
- Windows CE Drivers
- PCI/PCI Express Drivers
- SCSI/ATAPI Drivers
- SMBus Drivers

### 64 Bit Driver Migration

With the release of the 64 bit versions of Windows XP and Windows Server 2003 it is clear that 64 bit Windows operating systems are finally a reality. Taking full advantage of their capabilities requires migrating your 32 bit drivers over to the 64 bit programming model. This involves a lot of subtle issues that we can help you with. Thinking of moving to a 64 bit platform? Give us a call. We can help make this both painless and effortless.



### Architecture, design and code reviews

Need an expert to review your driver architecture or to review your code?

One of the biggest problems with driver development is getting it right. Just because it works doesn't necessarily mean that it is right and if it's not right then you are heading for some real headaches. Headaches such as intermittent failures, performance problems, and mysterious system hangs. To date we have worked with several clients at various stages of their development to help ensure that their drivers will be stable, reliable and implemented according to the specification.

### Installation Applications

One of the most important aspects of a product is the users' "out of the box experience". Using our knowledge of both the application space and kernel space we have written several easy to use, one button installation programs that ensure a hassle-free installation even for the novice user.

## About Us

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Founded in 1999, Hill Driver Solutions operates with the mission of providing the highest quality, custom designed Windows Drivers available. Our commitment to excellence, proven development process and true insider's knowledge of how the operating system really works ensures that your project will be a success!

The majority of our business is based on repeat customers and personal referrals. Hill Driver Solutions not only takes pride in our technical expertise but in our customer relationships as well. We understand the importance of good client relationships – our business depends on it!

### Our clients include:

- Advanced Micro Devices
- GE Medical Systems
- Intel Corporation
- Iomega



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