

## Frequently Asked Questions

### 1. What is InvisiTasking?

InvisiTasking is a **true breakthrough** in the scheduling of computer resources that achieves what has until now been considered impossible: **ZERO** system overhead for applications that must run frequently or continuously.

### 2. How does InvisiTasking achieve ZERO overhead?

Instead of letting the operating system scheduler allocate the entire computer system to each process, one at a time, in round-robin fashion, InvisiTasking causes the system to allocate its various resources (CPU, memory, disk, and network) separately to the processes that need each one. This allows overlapping use of separate resources, not just reducing system overhead but **eliminating it** altogether!

### 3. Why hasn't someone else done this?

Since the 1960s, the scheduler in the operating system has been considered sacred and untouchable. In view of the dramatic shift in the balance of performance (CPU vs. memory vs. disk vs. network) over the past 40 years, our senior technologists decided to question this. It paid off and we were surprised that no one had done it before. A thorough worldwide patent search confirmed that it is an entirely new concept in computer resource scheduling.

### 4. Does InvisiTasking impact users in any way?

No. And yes, we can prove it! InvisiTasking-enabled jobs have no impact on the user and primary system applications. PC Mark testing actually shows an **improvement** over standalone speed in benchmark scores with InvisiTasking-enabled programs running!

### 5. What Windows versions are supported?

The InvisiTasking SDK is backwards compatible from Windows 2000 SP4 up to the latest Windows Server 2008 platforms. The same SDK is used for all supported Windows operating systems.

### 6. Do you support Linux®, UNIX®, or Apple® Operating Systems?

We are currently only supporting the Microsoft® OS environment. We are actively looking at the other popular OS environments and welcome input from you on what the most needed areas are in terms of Oses and file systems.

### 7. How mature is the InvisiTasking SDK?

InvisiTasking is now in its second major release within our award-winning Diskeeper product. With numerous OEM partners testing it under NDA as part of their next generation offerings, we are confident that InvisiTasking will completely revolutionize the way developers view resource management.

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### 8. What is the implementation process for the InvisiTasking SDK?

Since InvisiTasking is such a breakthrough in resource utilization, it is important for us to work closely with the developer to ensure his program is structured to take advantage of the power of InvisiTasking. A simple demo program can be “InvisiTasked”, however, in less than one hour. Our engineers will work with you to ensure that the full potential of InvisiTasking is realized on your application!

### 9. How will InvisiTasking work on systems that are being heavily utilized 24/7?

Very Well! This is not the usual case, as most systems are underutilized, but even heavily used servers usually have many wasted resources due to latencies in disk or network access. We do offer adjustable InvisiTasking thresholds/parameters to execute different criteria on jobs if needed. For example, some jobs need to complete steps within a certain time period. If there are not enough “unused” resources to do this, it can be set up to automatically go into a foreground resource scheduling mode until the program executes within its time requirements and then it will revert back to InvisiTasking mode.

### 10. Are there applications which are not suitable for InvisiTasking?

Yes. “Foreground” applications such as word processing, desktop publishing, web browsers, and real-time messaging apps would not be able to use these resource management techniques. However, some of the “plug-ins” for real-time user apps could benefit from InvisiTasking. For example, a media or graphics rendering support application could harness the unused CPU cycles of the local machine as well as local workstations. For really major tasks, every computer in the company could be put to work without impacting local user experience!

### 11. What types of applications are good candidates for InvisiTasking?

The most obvious candidate is any program that is either scheduled to run after hours or is typically run “in the background” during working hours. The most suitable type of application program may be backup-related or data compliance applications, expert systems, database indexing, and behavioral analysis technologies. An important point to note here is that some real-time technologies, such as on-access scanners, may be architected differently to take advantage of InvisiTasking which may result in a major reduction in overhead. One example of this would be scanning new emails in the background on the email server as a primary protocol and only performing on-access scans if the user requests an attachment before the server has had the chance to background scan. The net result would be a more efficient use of server resources and a far more responsive user experience.

### 12. I'm interested. How do I start?

You may visit [www.invisitasking.com](http://www.invisitasking.com) and request our free Information Kit. Or simply send an email to [invisitasking@diskeeper.com](mailto:invisitasking@diskeeper.com) and we will set up a personal briefing with one of our technical experts. We may then execute a Mutual NDA and begin the process of making your program overhead **disappear!**