

64 bit

The upcoming technological standard for Windows servers

- Break the limits of Terminal Services in 32 bit environments
- Increase the number of users per server up to 70%
- Run applications much faster
- Increase the flexibility and scalability of your SBC architecture

Within the next two years, the x64 versions will become the technological standard for Windows servers. The initial stage will come from the applications that benefit most by the 64 bit architecture. These mainly include, in addition to databases and data mining systems, the Terminal Services, which profit by the very great expansion of usable system resources like kernel and memory.

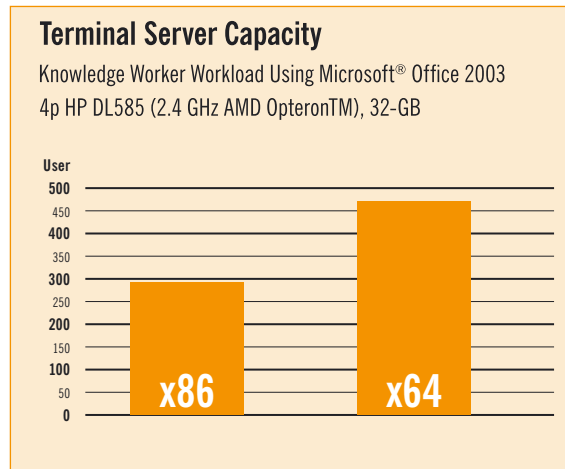
32 bit applications run without problem – often even faster – under the new 64 bit system. Both 64 bit and 32 bit applications can run on the same system.

Advantages of Windows 64 bit:

- Greatly improved use of CPU capacities
- 64 bit architecture overcomes the limits of Virtual Memory
- Greater flexibility and scalability
- 64 bit and 32 bit applications run parallel without problem
- Most 32 bit applications run much faster on 64 bit machines

70% more users

Especially in medium-sized and large businesses, a relatively large number of servers in a so-called server farm are needed to support a large number of users. A 64 bit system allows up to 70% more users per server. The total number of necessary servers can therefore be greatly reduced, administration greatly simplified, and required hardware investments greatly cut.






High performance:
New x64 platform allows up to 70% more users per server.

Problem-free migration thanks to DRIVER FREE PRINTING

As mentioned above, application migration is effortless because all 32 bit versions also run on the x64 Windows versions. Only the drivers have to be pure 64 bit. Although this is usually not a problem with most drivers, it certainly can be with printer drivers, because many users also want to print from their session to a local printer and workstations today are usually 32 bit. ThinPrint .print DRIVER FREE PRINTING resolves this problem nicely, because the installation of relevant printer drivers on the server is unnecessary. The 32 bit drivers on the workstations can thus also be targeted without problem from x64 systems.



Windows 64 workstation and 32 bit Terminal Services

Today, there is already a wide variety of workstations and notebooks being delivered with the Windows 64 bit system. If a 32 bit terminal server is accessed from one of the above, a further driver problem arises. Then it is good to know that the current ThinPrint .print 32 bit version uses DRIVER FREE PRINTING to support 64 bit printer drivers.

32 bit Application	32 bit Application	64 bit Application
32 bit Windows 	64 bit Windows 	64 bit Windows 
32 bit Drivers <small>DRIVER FREE PRINTING to 64 and 32 bit Driver</small>	64 bit Drivers <small>DRIVER FREE PRINTING to 64 and 32 bit Driver</small>	64 bit Drivers <small>DRIVER FREE PRINTING to 64 and 32 bit Driver</small>
Devices	Devices	Devices
x86	x64	

Regardless of whether you are using 32 bit or 64 bit applications – under x64 Windows, 64 bit drivers are required in every case. ThinPrint's DRIVER FREE PRINTING technology, however, also allows the use of 32 bit printer drivers and therefore enables the smooth migration of print management to the 64 bit platform.

64 bit ThinPrint products at a glance

Area of application	.print product
<p>The all-in-one solution</p> 	<p>Remote Desktop Suite Premium 64 bit</p> <p>The Remote Desktop Suite Premium 64 bit promises high-performance remote access, up to 70% more users per server, 80% less server load during printing, and direct support for 32 bit printer drivers. As premium version of the renowned Remote Desktop Suite series, it also optimally supports network printers and thin clients. The Remote Desktop Suite Premium 64 bit includes all necessary components including Microsoft Terminal Service licenses for turning a Windows 2003 server into a complete 64 bit server based computing environment.</p>
<p>Print management for 64 bit terminal servers</p> 	<p>.print Application Server Engine 64 bit</p> <p>Are you running a 64 bit terminal server? If you are, the .print Application Server Engine 64 bit offers you the right solution for optimizing print management for your environment. This software also gives you all the advantages of the .print technology for your 64 bit environment. Because Application Server Engine 64 bit also enables the use of your older 32 bit printers, this solution also minimizes your investment in new hardware.</p>
<p>Print management for dedicated 64 bit print servers</p> 	<p>.print Server Engine 64 bit</p> <p>When you use .print technology in your 64 bit environments, you do not have to limit yourself to the use of terminal servers. Here, too, usage of dedicated print servers carries the usual advantages in relieving your application servers. The 64 bit version of .print Server Engine also greatly increases performance of central print processing and allows the connection of many more printer queues per print server.</p>
<p>Windows 64 bit workstation with 32 bit terminal server</p> 	<p>.print RDP Engine</p> <p>Your field sales force already uses 64 bit laptops but your terminal servers are still running the 32 bit platform? ThinPrint .print has the right solution for this scenario, too.</p> <p>.print RDP Engine allows mobile workers with the latest 64 bit hardware to access 32 bit terminal servers and print documents without problem. .print RDP Engine can be installed on the terminal server in minutes and is completely free of administration.</p>

