

64-bit



The new technological standard for Windows Server

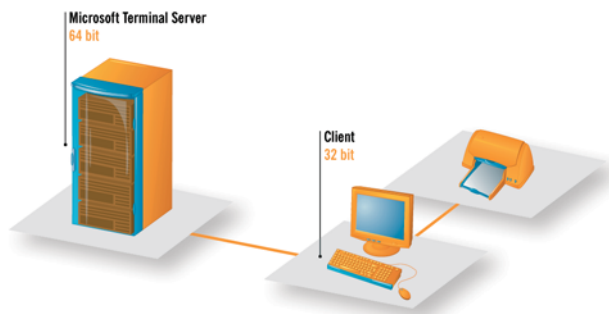
- Overcome the restrictions of conventional Windows environments
- Increase server stability
- Avoid new expenditures on printer hardware when migrating to 64-bit
- Improve flexibility and scalability with centralized architecture
- Enjoy trouble-free printing, even when a 64-bit printer driver is not available



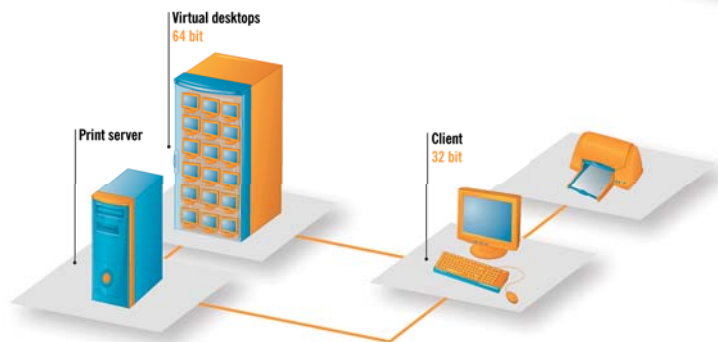
The x64 versions of Windows Server has become the technological standard for server-based and centralized environments. Microsoft's new Windows Server 2008 R2 is now available exclusively as a 64-bit version, allowing users to benefit from the enormous increase in usable system resources. This speeds up application performance, as well as access to databases and applications, when using Terminal and Remote Desktop Services. This is also the case when accessing 32-bit applications. Since the 64-bit platform unrestrictedly facilitates the parallel operation of 32- and 64-bit applications, the 64-bit platform also increases the speed of conventional applications.

64-bit Environments Scenarios

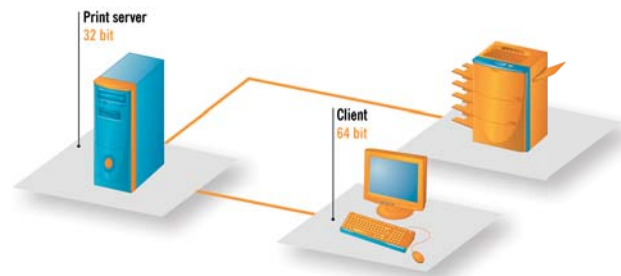
Application Virtualization Environment



Virtualized Desktop Environment



Classic Network



Thanks to DRIVER FREE PRINTING, no 64-bit printer driver is required

Since 64-bit operating systems are generally able to run 32-bit applications, the migration of applications into 64-bit systems does not involve any additional effort or expenditure. Drivers, however, must be available in their 64-bit versions. While a large number of driver devices are available as 64-bit versions, printer drivers mostly fall into a different category. For many printers – new models included – there are still no 64-bit printer drivers available. In addition, the printer hardware used in server-based environments generally is not standardized. As a result, employees operating from home generally continue to use 32-bit desktop PCs together with 32-bit compatible printers and printer drivers.

ThinPrint's **DRIVER FREE PRINTING** technology guarantees optimal printing – regardless of whether the server, client PC or virtual desktops use a 32- or 64-bit operating system. The DRIVER FREE PRINTING technology ensures the compatibility of 32-bit printer drivers and 64-bit operating systems and avoids the necessity for additional investments in new hardware.

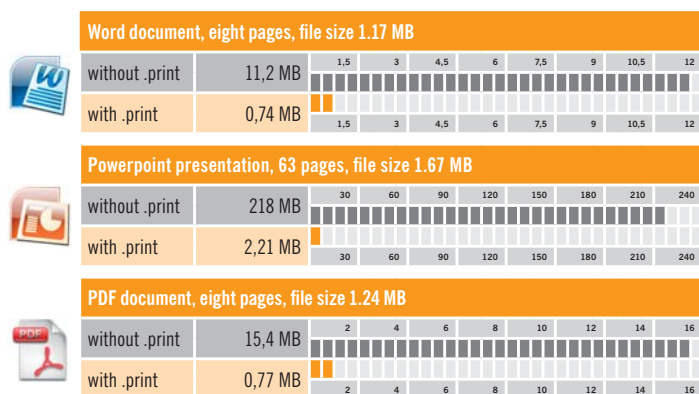
Printing with 64-bit computers connected to a 32-bit server

Still using a 32-bit Windows server, even though workstation computers are already equipped with a 64-bit operating system? Printing can be guaranteed using the DRIVER FREE PRINTING technology provided by ThinPrint solutions. All 32-bit versions of ThinPrint support the 64-bit printer drivers for workstation computers. This allows access to the right printer from any application at any time.

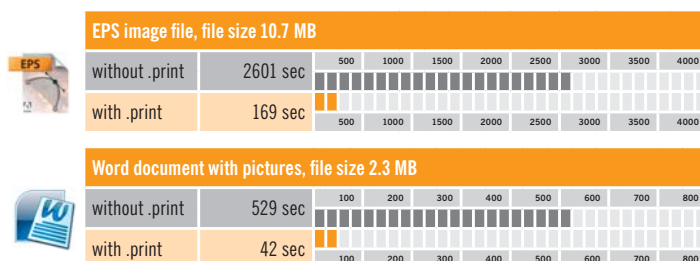
Faster printing – a lighter network load

With ThinPrint .print enjoy the benefits of up to 98% print data compression. Avoid inherent bandwidth bottlenecks and provide staff with trouble-free printing, even when using the narrow-band connections in a company network. Compression is carried out practically loss-free, so print quality never suffers. High speed printing and a detectable increase in application stability and performance are guaranteed, even when accessing a Terminal Server or Windows desktop from mobile devices (out on the road with a laptop, for example).

Print job sizes with and without ThinPrint .print



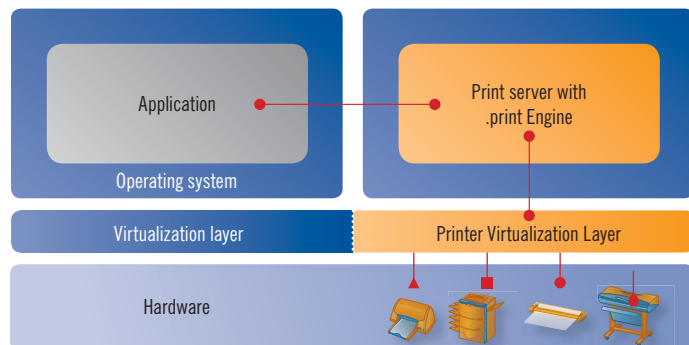
Time for printing output with and without ThinPrint .print



Also ideal for virtualized 64-bit environments

Intelligent virtualized solutions (VMware View, Citrix XenDesktop and Sun Secure Global Desktop, to name a few) now offer more flexibility and independence with respect to hardware, operating systems and applications.


ThinPrint .print helps complete the virtualization strategy and, thanks to its unique Printer Virtualization Layer, transforms the print server into a high-quality, print environment hub. It makes no difference which operating system the virtual device or client computer runs on, since it is completely independent of whether there is a 32-bit system connected to a virtual 64-bit computer, or vice-versa. Using ThinPrint .print saves the trouble of making the correct printer driver available to the virtual device. Rapid printing is guaranteed for all users at all times, with no additional administrative costs.



ThinPrint .print virtualizes the printer hardware, making the last remaining dependency between hardware and software a thing of the past.

Overview of ThinPrint's 64-bit solutions



	Product
	<p>.print Application Server Engine</p> <p>The ideal print solution for installation into server-based environments based on Microsoft Terminal Services/ Remote Desktop Services or Citrix XenApp/Presentation Server. Drastically reduce the administrative costs associated with the printer by installing the integrated DRIVER FREE PRINTING technology. Reduce the network load – whether LAN or WAN – by up to 98%, thanks to ADVANCED ADAPTIVE COMPRESSION, and increase the performance and stability of an IT infrastructure. Minimize administrative costs via fully-automatic and flexible printer mapping.</p>
	<p>.print Server Engine</p> <p>The strategic and comprehensive print solution for complex environments. The .print Server Engine is an ideal way of supporting the concept of central print server printing. Enjoy the benefits, in complex environments, of bandwidth control for print jobs and maximum print data compression. The unique Printer Virtualization Layer simplifies the integration and management of all printers. Address network printers directly using the .print Server Engine and integrate cost-saving thin client technology.</p>
	<p>.print Engine for VMware View</p> <p>The .print Engine for VMware View is the perfect complement for VMware View environments. Print simply and quickly using Thin Clients, just as if working from a fully-fledged, local desktop. The Printer Virtualization Layer and the integrated bandwidth control will make a more reliable environment and increase performance – with very low Total Cost of Ownership (TCO). Manage all printer drivers centrally from a single location. Reduce administrative costs to a minimum with images that can be used company-wide.</p>
	<p>.print RDP Engine</p> <p>Print quickly and reliably using the Remote Desktop Connection for Microsoft Terminal Services/Remote Desktop Services environments! Connect the printers located in office or home workstations to the company network in no time at all. Use simple and convenient plug-and-play installations to ensure that all users have the correct printer available at all times. Save on the time consuming and fault-prone management of local printer drivers on the Terminal Server with DRIVER FREE PRINTING. Print data is transferred, in addition, in a highly-compressed and bandwidth-optimized format.</p>
	<p>.print Desktop Engine</p> <p>The Remote Desktop Protocol (RDP) contained in Windows XP and Windows Vista allows easy access to remote computers. This is an ideal solution which allows company-based files and applications to be accessed from home workstations or from a laptop when out on the road. The .print Desktop Engine is the perfect complement, guaranteeing a satisfactory print solution. ThinPrint ensures that the results of daily work can be printed out at any time to a locally available printer. In combination with optimal print data transmission, this ensures complete freedom of action – even when operating outside the office.</p>

DEMO

All .print components can be tested free of charge with full functionality for 30 days:
www.thinprint.com/demo



Green-IT: People like to have information on paper. While ThinPrint supports this, it also takes its responsibility towards protecting the environment seriously by providing solutions that monitor paper consumption and which ensure that only necessary documents are printed out. This brochure is printed on certified environmentally friendly paper.