

ThinPrint®

ThinPrint  
**.print**®

# Remote Desktop Printing Engine

Simple & quick printing for Microsoft Windows 2003 Terminal Services



- **Printing without drivers**  
thanks to *Driver Free Printing Technology*
- **Support of any printer**  
including USB, IrDA, and Bluetooth
- **Up to 98% less print data volume**  
with ThinPrint's *Advanced Adaptive Compression*
- **Administration-free solution**  
installs within seconds, easy to use

**Microsoft**  
CERTIFIED  
Partner

## Easier, faster, cost-effective

Microsoft Windows 2003 Terminal Services lets small and mid-sized businesses simplify their network administration, and quickly and inexpensively set up home offices for their employees. With the Remote Desktop Protocol optimizing access to centrally published applications, there remains only one weakness: **Printing**.

### Features at a glance

With numerous, innovative features, .print Remote Desktop Printing Engine simplifies the entire management of printing in Terminal Services environments:

- *Driver Free Printing*
- *Advanced Adaptive Compression*
- 98% less print data volume
- Duplex and paper tray support
- Individual format selection up to DIN A0
- RDP Virtual Channel printing
- Simple installation

Printing is still a central element of today's office activities. However printing in Terminal Services architectures – regardless of whether network printers or desktop printers are used – means printing from server to client across a network connection. Adding to complexity is the need for all printer drivers, including those for home users, to be installed centrally.

This creates many issues:

- Degraded application performance, as print data monopolizes bandwidth
- Increased load on server resources, such as memory and CPU, when rendering print data
- Endangerment of system stability with printer driver conflicts and incompatibilities
- Higher online costs due to large print job volume
- More complex administration and management of many printers and associated drivers
- Limited flexibility for mobile and home office users

The .print Remote Desktop Printing Engine meets all of these challenges. Very high compression (up to 98%) and *Driver Free Printing* relieves network congestion. And at the same time, makes server-side printer driver management unnecessary.

### Servers free of printer drivers

ThinPrint's patented *Driver Free Printing* technology means only client-side printer driver installation is necessary. ThinPrint divides the Windows print process between server and client so that the printer-specific processing takes place only on the client. The choice of paper formats, specific paper tray targeting, and duplex printing make the .print Remote Desktop Printing Engine a flexible solution for any environment.

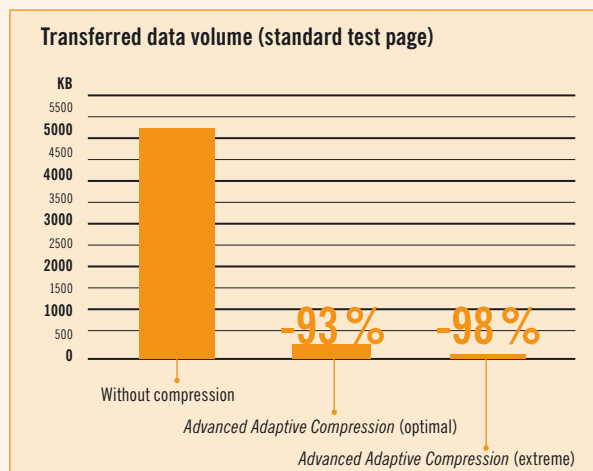
Even the printout of complex blueprints in DIN A0 format – as was proved on the construction site of Europe's largest railway station, Lehrter Bahnhof in Berlin – can be easily accomplished.

## Maximal compression

The *Driver Free Printing* technology is complemented by the new *Advanced Adaptive Compression* feature. This analyzes the individual components of a document before transmission and compresses each with a respective algorithm, reducing the print data volume up to 98%. Because of ThinPrint's intelligent compression method, the loss of quality seen, for example, with .jpg document print outs is not noticed with *Driver Free Printing*.

## No administration

With *Driver Free Printing* and a ThinPrint product focussed on Terminal Services, printing administration is eliminated. The software installs on the server in seconds, adapts itself non-invasively to any environment, and is immediately available for use with any network, desktop, or home workstation printer, even on a USB interface.



The *Remote Desktop Printing Engine* reduces print data volume up to 98% – as here with the example of a test document

## Perfect support for home users

The .print Remote Desktop Printing Engine is perfect

for connecting home workstation printers to a corporate network. Gone are the days when the use of no-name printers caused headaches for administrators – regardless of printer or location. If an employee has a complete workstation set up at home, he can, immediately and without installing a printer driver, print documents from within his terminal session. Additionally, dial-up modem, and low bandwidth users will experience fast, trouble-free printing.

## Mobile users

The .print Remote Desktop Printing Engine easily addresses the increasing number of mobile office connections. Independent of central administration,



Thanks to *Advanced Adaptive Compression* and *Driver Free Printing*, printing at a home workstation from terminal sessions is no longer a problem.

notebook and Tablet PC users using *Driver Free Printing* can connect and print needed documents from standard and Bluetooth/infrared printers. If at some point there is no online connection available (e.g. in a plane) the integrated .print *Viewture* technology enables transferred documents to be saved locally, and then read conveniently offline.

## Thin client support

Cooperation between ThinPrint and leading thin client manufacturers has resulted in a broad range of Windows based terminals, which feature both embedded Windows XP and an integrated .print client. A list of these devices can be found at [www.thinprint.com/supported\\_devices.htm](http://www.thinprint.com/supported_devices.htm).

## Expandability

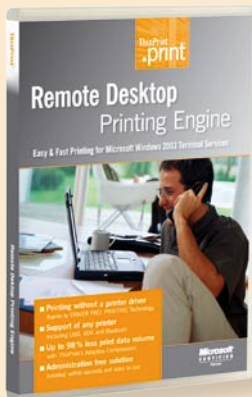
The Remote Desktop Printing Engine is designed for simple installation and effortless operation. You can enjoy the advantages of the .print technology without any additional administrative work. At the same time, the .print Remote Desktop Printing Engine offers an inexpensive start with the .print platform. Should your company's demands increase, you can easily upgrade to the .print Application Server Engine.

## System requirements

- **Server:** Microsoft Windows Server 2000, Microsoft Windows Server 2003, Microsoft Windows XP Professional.
- **Client:** Microsoft Windows (95, 98, ME, NT 4.0, 2000, XP).

Free demo version: [www.thinprint.com/rdp-engine](http://www.thinprint.com/rdp-engine)

## 5 good reasons to choose the .print RDP Engine



### Save money

Up to 98% less print data volume saves on the cost of data transmission.



### Protect resources

Relief for server and client resources thanks to *Driver Free Printing* technology.



### Save time

Increase printing transmission rates with *Advanced Adaptive Compression*.



### No administration

Installs within seconds – completely administration-free.



### Increase flexibility

Use of any printer without installation of additional printer drivers on the server.