

ThinPrint .print — Print fast. Print securely. Anywhere.

The Print Solution for Distributed Networks

ThinPrint is the global leader for print solutions in distributed environments!

Reliable, Secure – Flexible, Dynamic

Take control of printing in even the most complex environments!

Fast, Simple, and Very Flexible

ThinPrint .print simply and easily adapts to the constantly changing demands and requirements and integrates smoothly even into complicated environments, as it:

- is a fast, secure, reliable, and efficient print solution.
- simplifies printer administration in your network environment.
- is highly scalable to any environment.
- installs easily, even unsupervised.
- supports almost any platform/is a cross-platform print solution.
- easily and dynamically adapts to changes.



Highly Efficient Printing Without Printer Drivers

ThinPrint's **DRIVER FREE PRINTING** renders complex rollouts and complicated administration of native printer drivers unnecessary.

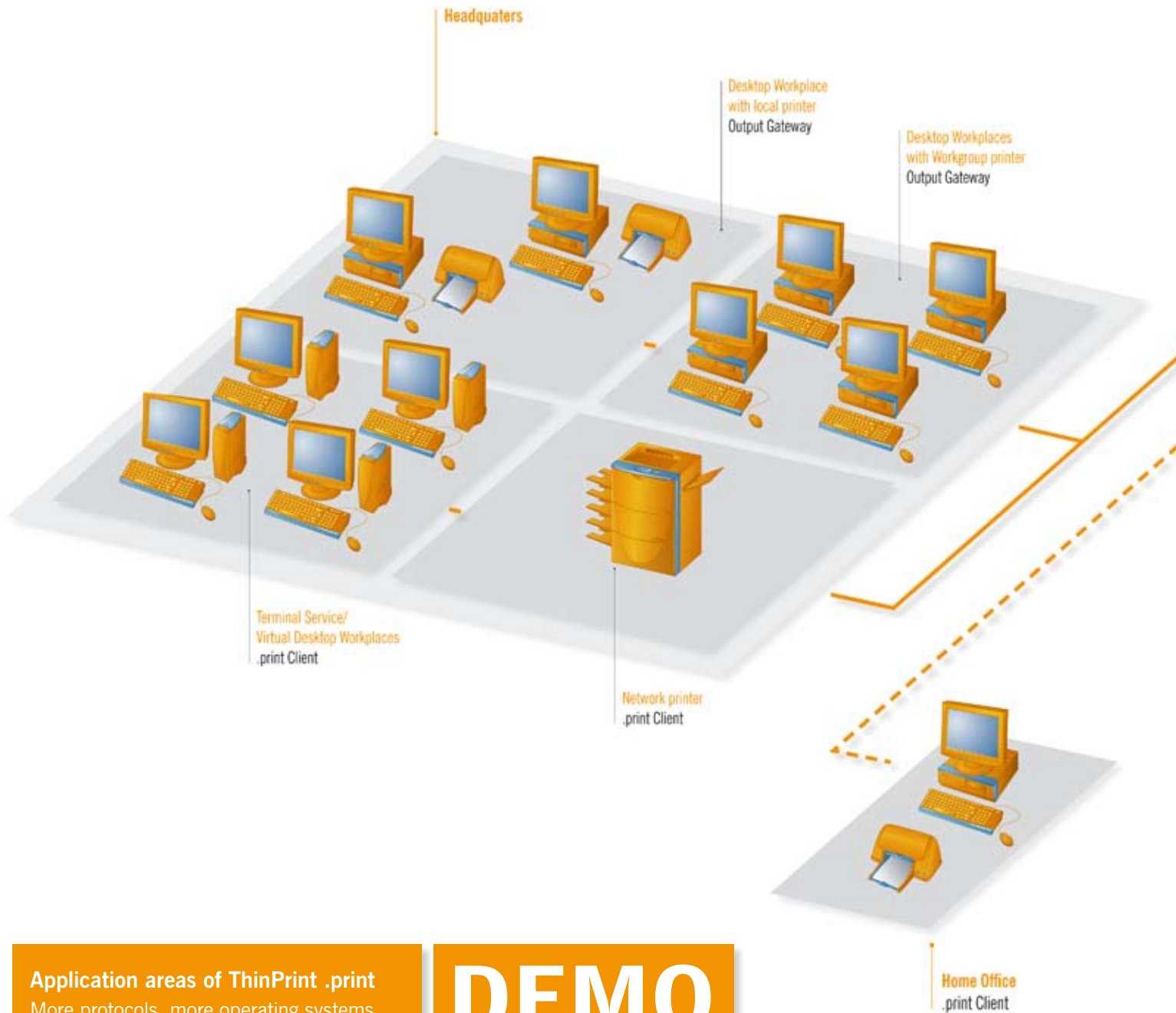
- Application servers no longer need printer drivers.
- Printer drivers are solely managed on printer servers or local clients.
- Individual paper formats, trays and duplex printing are supported.
- **ADVANCED ADAPTIVE COMPRESSION** retains the original print quality while reducing network load and provides fast transmission to any site.

Native Support of Dedicated Print Servers

ThinPrint .print is the world's only print solution that also supports the use of dedicated print servers in server-based computing environments – and without any functional restrictions. ThinPrint .print...

- ... offers a unique printer virtualization layer on the print server.
- ... turns dedicated print servers into a valuable hub for your print strategy.
- ... supports thin clients and network printers.
- ... easily connects local printers in the office or at home.
- ... tracks almost any print-related data like paper usage or errors.
- ... easily integrates with back-end systems like SAP or UNIX hosts.



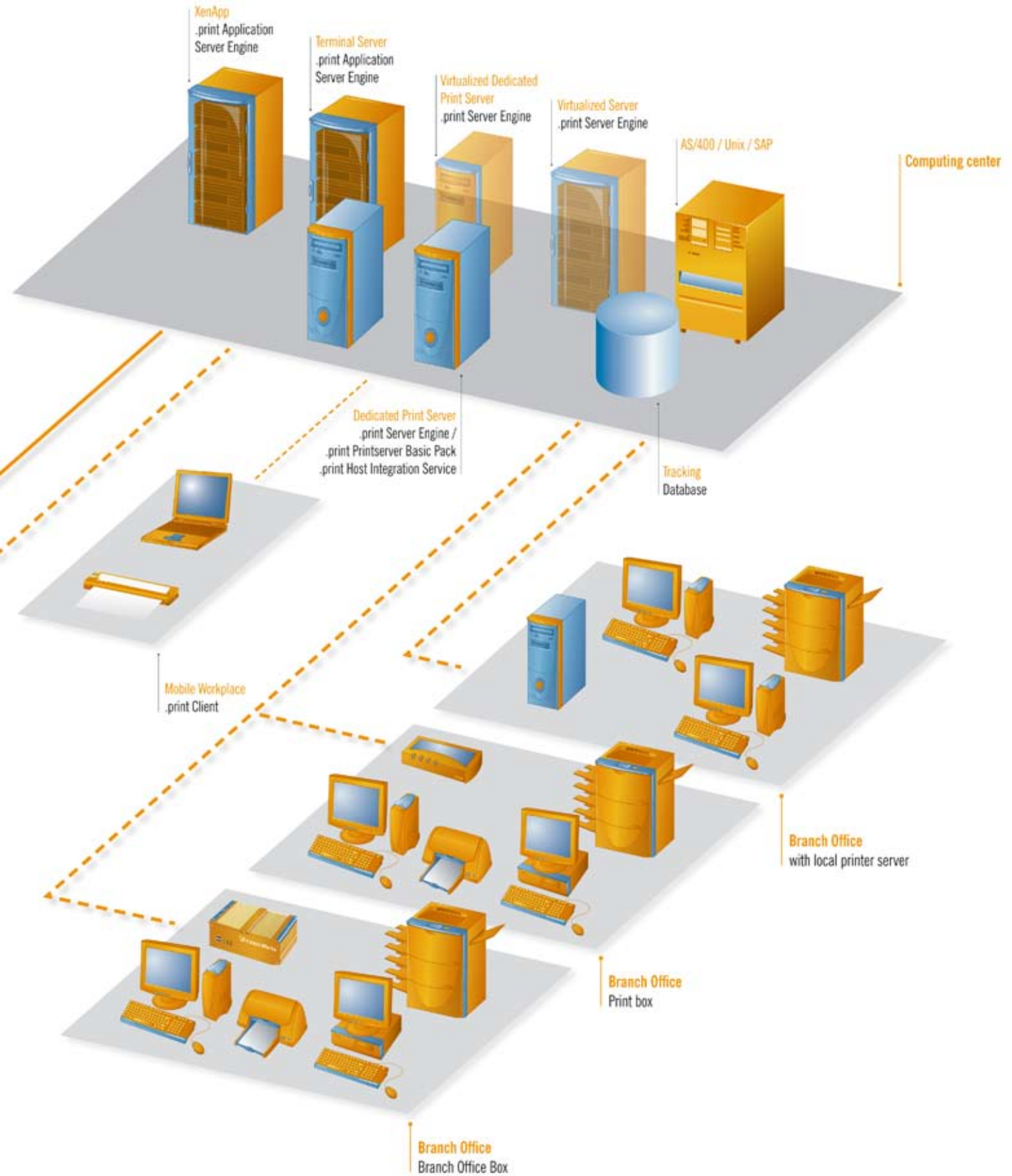


Application areas of ThinPrint .print

More protocols, more operating systems, dedicated and local print servers, thin clients, internal and external print servers for network printers – ThinPrint .print offers the most comprehensive platform support by far!

DEMO

You can test all .print components free for 30 days with their full range of functions:
www.thinprint.com/demo



ThinPrint .print in Server-Based Computing Environments

Highly compressed printing – even in your branch offices

- Thanks to DRIVER FREE PRINTING, no printer drivers needed on terminal servers even when printing directly from thin clients or using network printers with the printer virtualization layer.
- Increased printout speed as well as an increase in performance and stability for all users.
- Supports the complete IT infrastructure; for example, through support of multiple protocols (RDP, ICA, TCP/IP) and seamless integration of host output.
- The central printer management, particularly in combination with the simple and easy-to-use Automapping function, considerably reduces the administration effort and assigns the desired printers optimally for all users.

ThinPrint .print for Virtualized Desktop and Server Infrastructures

ThinPrint .print virtualizes printers

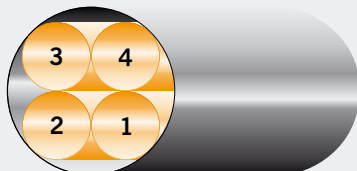
- Perfect integration in the existing virtualized IT infrastructure through printer virtualization layer.
- All features available with server and desktop virtualization.
- Complete feature set for print optimization for all desktop virtualization technologies.
- No native printer drivers required on the individual images.

Print Management in Classic Network Structures

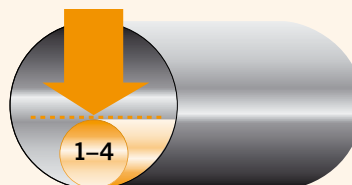
Optimizing print landscape and reducing administration effort

- Requires no time-consuming driver deployment on clients.
- Central driver management in one place.
- Monitoring of print resources and costs through the .print Tracking Services facilitates a high degree of savings.
- Unrestricted use of existing printer hardware in mixed 32-bit / 64-bit environments
- SSL / TLS encryption of print data guarantees a high degree of security, including when transmitting sensitive and crucial print data.

Traditional print solutions: Actual bandwidth used depends on the number of users printing simultaneously – bandwidth addition.



ThinPrint .print: Connection-oriented bandwidth management with no bandwidth addition limits.



Excerpt from the list of our OEM partners and leading thin client manufacturers. The products of these manufacturers fully support ThinPrint .print.

Business Partner



ThinPrint

- Global market-leading specialist for printing in distributed networks
- Based on multiple patents and ThinPrint .print technology, used successfully since 1999
- More than 9,000 satisfied customers worldwide trust ThinPrint .print for their daily printing needs
- An additional 30,000 users print with ThinPrint .print every month



High ROI – Low TCO

ThinPrint .print's unique feature set allows major savings in two important areas

- **Administrative Costs** – The environment's setup becomes much easier and is thus less time consuming to maintain and operate.
- **User Productivity** – Increased ease of use as well as improvements to the user experience saves time, which in turn, allows a high ROI!

We're the experts when it comes to printing! Contact us if you would like to learn more about these topics.

Dual License Model – Optimal Licensing for Everyone

ThinPrint .print's flexible architecture offers fair and inexpensive licensing for every application area and environment. Two models are available:

- **User Based:** 1 license per named user – Great for VDI, Citrix XenDesktop and print server use
- **Server Based:** 1 license per server – Optimal for Citrix XenApp or Terminal Server use with a high user count

An Overview of ThinPrint .print's Top Features:

- **DRIVER FREE PRINTING** uses a client printer driver instead of complicated server installations!
- **Printer Virtualization Layer** eliminates the direct relation between the application and a printer for simplified management.
- **ADVANCED ADAPTIVE COMPRESSION** compresses print data by up to 98%.
- **ADAPTIVE SPEED** guarantees a balance between compression and processor load.
- **SSL/TLS** enables maximum security for print job transmission.
- **.print Tracking Service** tracks paper usage, printer use etc. to monitor costs or errors.
- **Bandwidth Management** per connection instead of per user for optimal network usage.
- **DYNAMIC PRINTER MATRIX** ensures flexible printer mapping based on dynamic variables like IP addresses.
- **Microsoft Management Console Integration** manages all printing from one spot.

Powerful expansion components (sold separately):

- **.print Host Integration Service** delivers SAP and UNIX queues to users regardless of location.
- **.print Queue Manager** keeps printer queues organized.
- **.print Connected Gateway** addresses network resources in masked, remote networks (TCP/IP) of your company.

Overview and comparison of functions of the various ThinPrint .print components:

| | .print Application Server Engine | .print Server Engine | .print Desktop Engine | .print RDP Engine | .print Engine Unix |
|---|----------------------------------|----------------------|-----------------------|-------------------|--------------------|
| Features | | | | | |
| ADAPTIVE SPEED | ● | ● | ● | ● | |
| License Manager as part of the MMC | ● | ● | | | |
| User-based licensing possible | ● | ● | ○ ¹ | | |
| Dynamic Network Printer Mapping | ● | ● | ● | ● | |
| MMC configuration | ● | ● | | | |
| SSL-/TLS encryption | ● | ● | ● ¹ | ● ¹ | ● |
| DRIVER FREE PRINTING (incl. ADVANCED ADAPTIVE COMPRESSION) | ● | ● | ● | ● | |
| Native Printing (printing with original printer drivers, incl. compression) | ● | ● | ● | ● | ● |
| DRIVER FREE <i>NATIVE</i> PRINTING | ● | ● | | | |
| Bandwidth control | ● | ● | | | ● |
| Supported .print components | | | | | |
| .print Tracking Service | ● | ● | | | ● |
| .print Connected Gateway | ● | ● | | | ● |
| .print Queue Manager | ● | ● | | | |
| .print Host Integration Service | ● | | | | |
| .print AutoConnect | ● | ● | ● | ● | |
| Support of 64 bit platforms | ● | ● | ● | ● | ● |

¹ only through encryption of the RDP connection; ² incl. x64 Version; ³ via .print Virtual Channel Gateway; ○¹ Licensing per virtual desktop; ○² not all platforms supported

Supported operating systems

| Server | Clients |
|-------------------------------------|-----------------------------------|
| Windows NT 4.0 ¹ | Windows NT 4.0, 2000, XP, Vista |
| Windows Server 2000 ² | Windows 3.11, 95, 98 and ME |
| Windows Server 2003 | Windows CE, Pocket PC, Smartphone |
| Windows Server 2008 ³ | Mac OS |
| Unix | MS-DOS |
| IBM-Host-Systeme: MVS, OS/390, z/OS | Win OS/2 |
| | Linux, Solaris |
| | Java |

¹ with ThinPrint .print Engine 6.0; ² with ThinPrint .print Engine 7.0, ³ with ThinPrint .print Engine 7.6

ThinPrint .print components can be purchased from **ThinPrint Partners**. A list of partners can be found here: www.thinprint.com/buy. A comprehensive Update- and Support-Service for all licenses is available.



Green-IT: ThinPrint knows we desire information in paper form. While we support this, we are consciously aware of our responsibility to the environment. We offer solutions that monitor paper use and at the same time ensure that only necessary documents are printed. This brochure is printed on certified, environmentally friendly paper. Turn your print jobs green with ThinPrint!

ThinPrint®

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