ThinPATH Plus
Version 3

Peripheral support for PCs and Thin Clients

ThinPATH Plus provides support for serial, parallel and USB devices on PCs and select thin clients connected to Microsoft Terminal Services and running server-based applications requiring USB, COM and LPT support. The ease of setup and administration makes ThinPATH Plus a great tool in thin-client implementations.

ThinPATH® Plus Highlights

- Support for Microsoft Windows® 2003 Terminal Services
- Use with PCs, ThinPATH PC, Thin Clients
- Enhances MS Terminal Services deployments under RDP
- Offers centralized Administrative control of local RDP devices
- Provides local access to parallel and serial devices
- Provides mapping of virtual server ports to remote RDP connected devices
- Provides local access to USB devices that use the Windows USB to Serial port driver

Enhances Microsoft's RDP for PCs, ThinPATH PC, and Thin Clients (ThinSTAR & Neoware devices)

As organizations deploy Microsoft Terminal Services and server-based applications to thin clients, ThinPATH PC and PC desktops, the need to support local peripheral devices and audio at the desktop grows significantly.

ThinPATH Plus software enhances Microsoft's Remote Desktop Protocol (RDP), the native communications language included in Microsoft Terminal Services, to solve this customer need. Using RDP eliminates the need to add an additional protocol layer to a Windows Server deployment. The net result is a simpler, more cost-effective solution. In addition, ThinPATH Plus supports PCs, ThinPATH PCs, NCD ThinSTAR and Neoware Windows-based Terminals to provide a unified solution and a way to extend the life of installed PC resources.

ThinPATH Plus client components used on ThinPATH PC and supported thin client devices can be automatically deployed using the ThinPATH Portal software. It gives your IT department a tool to easily deploy all ThinPATH client components.

Desktop Peripherals

ThinPATH Plus enables the deployment of server-based applications and transparent support for a variety of USB, serial or parallel desktop peripherals that may be used for input or output of data. This functionality is transparent to the application and the Microsoft Terminal Services session on the server.

Supported local devices include printers and bi-directional serial devices (up to 115K baud) such as Palm Pilots, check scanners, bar code and credit card readers. ThinPATH Plus also supports shared printers and peripherals to maximize flexibility and resources

USB device support

ThinPATH Plus provides access to remote connected low speed USB devices through a Terminal Server session using a USB to Serial driver. These USB connected devices require use of *USB to Serial driver* included with all Windows PCs, also known as the USB Communications Device Class (CDC). Information on the CDC driver can be found at www.usb.org.

Industry Applications

ThinPATH Plus can be used to support a variety of industry specific applications with specialized serial and parallel devices. Examples include: bar code readers, credit card readers and check scanners for point-of-sale retail applications; dictation devices, smart card readers and light pens for point-of-care applications in the health care industry; and fingerprint recognition devices for security applications in the banking and airline industries.

The ThinPATH Software Family

ThinPATH Plus is a member of the ThinPATH Software family. The ThinPATH PC Software transforms PCs into thin clients, enabling them to be managed as thin clients, providing enhanced functionality and flexibility for Microsoft Terminal Service for PCs, ThinPATH PC, ThinSTAR and Neoware Windows-based Terminals.

The ThinPATH Software family also includes desktop management support and emulation modules. ThinPATH Software offers a robust, low-cost PC desktop management solution along with enhancements for RDP. ThinPATH Software is built on decades of experience in meeting customer needs with industry-leading thin-client software technology.

TPS ThinPATH Systems Inc.

ThinPATH Plus Technical Support

ThinPATH Plus includes one month of technical support provided via email. ThinPATH Systems also offers extended service agreements for telephone technical support. Contact your ThinPATH Systems representative for information on specific options available to you.

ThinPATH Training and Consulting

ThinPATH Systems work closely with your implementation team and certified training partners to provide the resources for successful ThinPATH product rollouts. ThinPATH product training and consulting covers all ThinPATH software products. For further information, contact your ThinPATH Sales representative.

Product Licensing

A ThinPATH Plus license is required for each PC, ThinPATH PC or thin client device connecting to Terminal Services and using any part of ThinPATH Plus COM and LPT port mapping.

The ThinPATH Portal can be used, without a Portal Access license, to deploy the ThinPATH Plus client components and licenses to ThinPATH PC devices.

Evaluating ThinPATH Plus Software

ThinPATH Plus can be downloaded from our web site at **www.tp-sys.com**. For demonstration use, a 30 day, fully functional license is automatically e-mailed (requires customer registration). Please e-mail **eval@tp-sys.com** if you require any assistance while evaluating the ThinPATH Plus software components.

Technical Specifications

Features

- Administrative mapping of server ports to desktop devices
- Administrative control for USB[1], parallel and serial ports on local device (for remote PC or thin client devices)
- Support for RS-232 serial peripherals
- Support to attach local printers through USB[1], serial or parallel ports (includes any Windows supported printer)
- Administrator can allow port mappings to follow end-user to different desktop or to bind a serial port to a specific desktop
- Administrative control of local printers becoming a shared network printer
- Virtual ports can be independent of Terminal Services sessions, not requiring user login in order to share devices
- Support for bi-directional USB[1] and serial transfers
- Support for USB[1] and hi-speed serial connections
- Support for an unlimited number of virtual Terminal Services ports

Server Requirements

- Windows® 2003, Terminal Services Enabled
- Windows 2003 SP1 or R2, Terminal Services Enabled

Desktop Requirements

- PCs running ThinPATH PC software
- NCD ThinSTAR 200/232/300/332/400/450/500 WBTs
- Neoware CE and XPe WBTs
- Microsoft Windows PCs, including: Windows 95/98/ME. Window NT workstation, Windows 2000, Windows XP SP2 and Windows XPe

Product specifications subject to change without notice.

ThinPATH Plus Product Codes

Part Number	Description
TP-PLUS-F3	ThinPATH Plus V3 License
TP-PLUS-F1	ThinPATH Plus V2 License

[1] USB connected devices require use of *USB to Serial driver* included with all Windows PCs, also known as the USB Communications Device Class (CDC). Information on the CDC driver can be found at www.usb.org

T9100019 Rev A