

# Wyse PC Extender™

Software designed to enable large enterprises to create advanced thin-desktop infrastructures from legacy PC assets.

## Fact sheet

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### Accessing the benefits of virtualized desktops - today.

For many organizations investing in, managing and supporting a business PC network infrastructure has become unsustainable. And it's this existing investment in thousands of PCs that - in the long term - prevents a move to more affordable cost-effective thin clients and an easier to manage virtualized computing environment.

Wyse PC Extender resolves this issue by extending the life of legacy PC 'capital-assets' as reconfigured and fully-optimized thin clients, which in turn, also eliminates expensive support and management costs.

With Wyse PC Extender, organizations can now access the benefits of a secure, cost effective virtualized computing environment today, with a seamless PC-to-thin client transition strategy in place for tomorrow.

### Consistent, dependable and secure desktops.

Wyse PC Extender delivers a dependable, secure and consistent user experience across a diverse range of hardware. It's easy to deploy and maintain too - without the need for management software, and thousands of devices can be centrally configured and securely updated without any manual interaction. If however, a more 'hands-on' approach to management is required, such as asset tracking or reporting - then Wyse Device Manager software is ideally suited.

Enterprise-quality device and data security is assured, as Wyse PC Extender is built from the very same software found in Wyse thin clients. It features a read-only file system, device lock-down and VPN support to help protect against data theft and/or loss.

### Flexible multi-protocol support.

Wyse PC Extender supports a wide range of protocols and infrastructures from Citrix, Microsoft and VMware as well as web-based applications, allowing you to support a variety of connections on a convenient single platform.

## At a glance:

### Existing PCs: Transformed

- Innovative Wyse technology reconfigures existing PCs into optimized thin clients.
- Provides a seamless transition strategy to high-performance Wyse thin clients.

### Minimize Management

- No need for management software.
- Eliminates costly PC management regimes.
- Automates configuration and updates.

### Secure and Protect

- Read-only file system.
- Configurable lock-down capabilities.
- Microsoft covenant/agreement ensures total peace of mind for the enterprise.

### Widest protocol support

- Support for latest protocols including Citrix HDX, Microsoft RDP and VMware PCoIP.
- Built-in support for the Wyse TCX Suite and Wyse Virtual Desktop Accelerator virtualization software (an additional license is required) to further enhance HDX and RDP connections.

# Wyse PC Extender Technical Specifications

## Solution features

Based on SUSE Linux Enterprise Thin Client 11  
Automatic Central Configuration (text-based INI's)  
Automatic Updates of Add-ons  
Secure, read-only file system with lockdown abilities  
RDESKTOP 1.6 client  
Citrix ICA 11 client (HDX Mediasream, Plug-n-Play, Realtime, etc)  
VMware View 4.0 client  
Web-based applications (Firefox, Flash, JAVA,etc)  
XDMCP  
SSH  
Cisco, Juniper, Nortel, IPSEC VPN Support (Add-ons)  
Local/Remote printing support



Create connections through simple local GUI or automatic configuration

## Minimum hardware requirements

Enterprise PC running Windows XP (32-bit) 1 GHz Processor,  
512 MB free hard drive space (NTFS formatted drive) and 512 MB RAM.  
Typical enterprise PCs include:

Dell Optiplex GX170  
Dell Optiplex GX 270  
Dell Optiplex GX280  
HP 7900  
HP D530  
HP 7900  
HP DC5100  
HP 5150

## Management

Automatic configuration and upgrading without the need for device management software  
Additionally, integration with Wyse Device Manager (WDM) software if hands-on management and asset-tracking is desired:

- Terminal configuration (IP information, name, etc.)
- Remote screen shadowing of entire desktop (VNC)
- Asset management and Reporting

## Wyse TCX Virtualization Software Suite

Advanced support for innovative Wyse TCX virtualization software that both works with and enhances HDX and RDP, and features:

- Multimedia acceleration and multicast support - the power to run rich multimedia files formats utilizing Wyse Collaborative Processing Architecture (CPA), that intelligently redirects the necessary processing tasks between the client and the server.
- USB virtualization - makes client attached USB devices visible to virtual desktops and applications, with full IT control.
- Rich bi-directional sound - enables virtual desktops and applications to receive and transmit high quality audio without compromise.
- Flash Acceleration extends high quality multimedia support to meet rapidly growing business demands for Adobe Flash playback.

## Wyse Virtual Desktop Accelerator

Wyse Virtual Desktop Accelerator Delivers the best user experience for the allocated network bandwidth. Wyse Virtual Desktop Accelerator neutralizes the effects of network latency and packet loss, making 'thin' more suitable for more remote-site, branch, or field-based users - and boosts RDP and HDX up to 20 times on networks with latencies up to and exceeding 300ms and at least 768kbps bandwidth.

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