

Easy to use multimedia redirection and USB device support, plus new flash redirection support for HP Thin Clients running Microsoft Windows Embedded Standard.

HP Remote Desktop Protocol (RDP) Enhancements Software provides easy multimedia, Flash and USB device redirection to help eliminate the limitations sometimes associated with the VMware View or Microsoft Remote Desktop Services experience. HP RDP Enhancements let you redirect multimedia or flash media to thin clients for decoding and playing, reducing CPU load on servers. These software enhancements also let end users use a variety of USB devices on supported thin clients. HP RDP Enhancements has two components, which can be installed and used independently.

HP RDP Enhancements for Multimedia and USB redirection

HP RDP Enhancements for multimedia and USB redirection offers a near-desktop experience for RDP-based VMware View environment, including the VMware View Manager broker, and multimedia redirection support for Microsoft Remote Desktop Services environment. HP RDP enhancements for multimedia and USB redirection support:

- End users can play multimedia (WMV, WMA, and others) locally on thin clients
- End users can use USB devices locally
- End users can run VoIP applications (e.g. Skype) in a VM

HP RDP Enhancements for Flash redirection

HP RDP enhancements for flash redirection allow end users (in VMware View or Microsoft Remote Desktop Services environments) to play flash media locally on thin clients such as corporate training videos, Flash videos on websites, and many others.

Log in and go

Designed to work seamlessly with your end user's client environment, HP RDP Enhancements require no additional training. Simply login at the thin client to take advantage of its multimedia features such as training videos, USB device support and flash video support.

Get connected

Enjoy access to USB-connected devices such as local printers, scanners, security devices, storage devices, etc. by redirecting USB communication between the thin client and the hosted desktop (not available with Microsoft Terminal Services).

- Increase network security as you share only the USB devices you choose
- Use multiple USB devices at the same time
- Supports a wide range of USB classes so you can access your most commonly-used USB devices

Supports a wide variety of media formats

- Experience multimedia graphics with quick load times and smooth transitions
- Conserve bandwidth and resources by decoding video on the client side
- Efficiently render graphics in full fidelity on the thin client

Compatible with a range of thin clients

HP RDP Enhancements software is now supported on HP Thin clients with Windows Embedded Standard 2009. It is designed to help you gain a competitive edge and take advantage of HP desktop virtualization solutions without compromising performance, security, and reliability.

HP Client Virtualization

HP RDP Enhancements is part of the HP Virtual Client Essentials (VCE) software portfolio. HP Virtual Client Essentials are developed in accordance with industry standards and in close cooperation with software industry leaders VMware, Citrix, Microsoft® and others to ensure compatibility with existing and future thin computing solutions for maximum investment protection.

For more information, please visit www.hp.com/go/vce.

HP RDP Enhancements for Multimedia and USB Redirection

SPECIFICATIONS	Windows XPe or WES 2009	ThinPro
Supported platforms	VMware View 3.0 with Genuine Microsoft® Windows® XP Professional 32-bit guests Microsoft Terminal Services (Windows Server 2003) - Enhanced multimedia support only	
Supported thin client platforms	HP t5740 Thin Client HP t5630w Thin Client HP t7720 Thin Client	HP t5745 Thin Client HP t5545 Thin Client HP t5325 Thin Client HP gt7725 Thin Client
Supported Virtualization platforms for VDI	VMware ESX 3.5 or higher, VMware vSphere	
Media formats supported	WMA 7/8/9, WMV 7/8/9, MPEG-1, MP3, MPEG-4 part 2 (DivX, Xvid, H.263) Note: These formats are included in currently shipping XPe image 5.1.606 and higher. WES 2009 image also includes these codecs.	Note: Supported container types are those natively supported in Windows Media Player. Codec Pack #1 – Codecs included with each thin client: WMV 7/8/9, WMA 7/8/9, MPEG-1, MP3 Codec Pack #2 – Available for purchase separately: MPEG-4 part 2, (DivX, Xvid), MPEG-4 part 10 (AVC, H.264), MPEG-2, AAC, AC3
Broker support	VMware View Manager 3.x and 4.x	
SYSTEM REQUIREMENTS		
Media player	Windows Media Player 9/10 (hosted desktop) Windows Media Player 11 (thin client)	Windows Media Player 9/10 (hosted desktop)
PROTOCOL SPECIFICATIONS		
Protocol	Microsoft RDP 6.x or higher	HP rdesktop
Transport method	RDP virtual channel	
Data encryption	RDP encryption	
SUPPORTED AND TESTED USB DEVICES (VMWARE VIEW ENVIRONMENT)		
USB storage	HP External USB 2.0 Multibay II: HDD 80 GB (PH357A), DVD/CD-RW (PA509A)	n/a
USB headsets w/microphone	Cyber Acoustics AC-850, Microsoft LifeChat LX-3000, Logitech USB (Audio will come out of the headset for everything on the RDP session except for multimedia played with MMR.)	
USB printer	HP LaserJet 1150, HP LaserJet 1300, HP DeskJet 5650	
USB printer/scanner	HP OfficeJet 9100, HP Color LaserJet 2840	Print function only: HP OfficeJet 9100, HP Color LaserJet 2840
USB scanner	HP OfficeJet V45 Scanner, HP ScanJet 4200 CXi, HP ScanJet 4890, Canon CanoScan LiDE 60	n/a
USB drive key	2 GB Apacer, 4 GB Apacer	n/a
USB dongle	USB parallel (Belkin F5U002), USB Serial (Belkin F5u257)	
DOWNLOAD DETAILS		
For Windows XP Embedded thin clients	Multimedia and USB redirection enhancements	Included in image as shipped from factory for current products – t5740, t5630w, gt7720.
	Codecs supported	WMA 7/8/9, WMV 7/8/9, MPEG-1, MP3, MPEG-4 part 2 (DivX, Xvid, H.263). These codecs or media formats are included in currently shipping Windows XPe image 5.1.606 and higher. Also included in WES 2009 images.
For Linux-based thin clients	Multimedia and USB redirection enhancements	Included in image as shipped from factory for current products – t5745, t5545, t5325, gt7725.
	Linux Codec Pack #1	Codecs included with each thin client: WMV 7/8/9, WMA 7/8/9, MPEG-1, MP3
	Linux Codec Pack #2	To purchase, contact your sales rep or channel partner or visit the HP SMB store – availability varies by region. When you purchase, one electronic download or physical delivery can be associated with multiple licenses. Customers will be asked to enter the # of licenses (and pay accordingly). <ul style="list-style-type: none"> • AT905AAE HP Linux Codec Pk2 TC (E-LTU and E-media) • AT905AA HP Linux Codec Pk2 TC (LTU and Media)

HP RDP Enhancements for Flash Redirection

SPECIFICATIONS		WES 2009	ThinPro
Supported thin client platforms	HP t5740 Thin Client HP t5730w Thin Client HP gt7720 Thin Client Note: The HP t5740 and t5730w operating system image must be version 5.a.810w or later. The HP gt7720 operating system image must be version 5.a.710w or later.	HP t5735 Thin Client HP t5745 Thin Client HP gt7725 Thin Client Note: The HP t5735, t5745 and gt7725 operating system image must be version T6X31012 or later.	
Supported virtual/remote desktop/sessions	VMware View with Windows® XP Professional 32-bit guests Microsoft Terminal Services 2003, 2008, 2008R2		
Supported Virtualization platforms for VDI	VMware ESX 3.5 or higher, VMware vSphere		
Broker support	VMware View Manager 3.x and 4.x		
PROTOCOL SPECIFICATIONS			
Protocol	Microsoft RDP 6.x or higher		HP rdesktop
Transport method	RDP virtual channel		
Data encryption	RDP encryption		
DOWNLOAD DETAILS			
	To purchase, contact your sales rep or channel partner or visit the HP SMB store – availability varies by region. When you purchase, one electronic download or physical delivery can be associated with multiple licenses. Customers will be asked to enter the # of licenses (and pay accordingly).		To purchase, contact your sales rep or channel partner or visit the HP SMB store – varies by region. When you purchase, one electronic download or physical delivery can be associated with multiple licenses. Customers will be asked to enter the # of licenses (and pay accordingly).
	<ul style="list-style-type: none"> BP924AAE HP Flash Acc (WES) TC E-LTU & E-media (for electronic delivery in AMS and EMEA) BP924AA HP Flash Acc (WES) TC LTU & media (for physical delivery in APJ) 		<ul style="list-style-type: none"> BP925AAE HP Flash Acc (ThinPro) TC E-LTU & E-media (for electronic delivery in AMS and EMEA) BP925AA HP Flash Acc (ThinPro) TC LTU & media (for physical delivery in APJ)

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4AA2-2463ENW, October 2010