



Wyse TCX Multimedia™ 2.0

Wyse TCX Multimedia 2.0 is a software solution that streamlines the delivery of the multimedia stream to the local client for a rich user experience within a thin computing architecture.

Multimedia, as a training mechanism or for corporate communications, is becoming more prevalent in the corporate environment.

Traditionally, multimedia playback has had a number of limitations in thin computing environments. Wyse TCX multimedia 2.0 is a breakthrough technology that removes these limitations.

Wyse TCX Multimedia 2.0 software provides rich multimedia playback capabilities within an ICA or RDP connection. Wyse TCX

Multimedia is a software layer which has both the server and client components that work intelligently to redirect multimedia processing tasks dynamically between the client and server. The multimedia stream is decoded locally on the client using the local processing power of the device thereby providing complete multimedia playback capabilities overcoming any limitations that are inherent in traditional thin computing architectures.

The multimedia stream is decoded on the client thereby freeing up the processing power on the server to handle mission critical application delivery to the end user. The software is agnostic to the backend infrastructure already in place in the data center. It works across Citrix Presentation server, Microsoft Terminal Server and VMware Virtual Desktop Infrastructure (VDI).

The client side components are built into the Wyse thin computing operating systems. The Wyse thin clients, which include these components, provide the best experience for multimedia playback, which cannot be matched even by regular Personal Computers when connecting through an ICA/RDP connection to the data center.

Features	Benefits
Rich multimedia support	Provide training and corporate communications to end users within a thin computing environment without any user experience compromises.
Intelligently redirect multimedia stream to be decoded locally on the client	Reduce server load in the datacenter and allow the server processing power to focus on providing users the access to mission critical applications.
Use media servers that are located close to the client rather than through the datacenter	Reducing the network bandwidth usage required for training or corporate communications
Support for multiple thin computing architectures, Citrix presentation server, Microsoft Terminal Services, VMWare Virtual desktop infrastructure	Makes use of the thin computing architectures already in place. No additional investments required
Multicast support	Provide access to end users to live webcasts
Flexible playback modes	Does not require any changes to existing webinars/multimedia capabilities already in place.
Technology is transparent to the end user	No additional end-user training required for use of this technology. Users access the multimedia stream as though they are on a PC.
Industry-standard TCP/IP network-based design	Easily deployable in existing network infrastructure
On-the-fly compression rate adjustment	Performance and quality adjusted based on the network environment

Product Features

Media formats supported	MPEG-1, MPEG-2 MPEG-4-part2 WMV 7/8/9 WMA AC3 MP3
Flexible playback modes supported	Local clip playback Play-list playback Web playback
Support for all backend infrastructure	Citrix Presentation Server 4.X Microsoft Terminal Services VMware VDI
DirectShow based multimedia player	Support for Microsoft Media player 7/8/9
Redirect to local media server	Client playback directly using - HTTP URL - FTP URL - Network shared drive
Multicast support	UDP/RTP Multicast (MPEG1 only) for Live multimedia streams
Minimum CPU on the client	800Mhz or higher
Minimum RAM requirement	128MB RAM or higher
Wyse platforms supported	Wyse V Class Wyse V Class L Wyse V Class LE Wyse X Class
Wyse operating systems supported	Wyse Thin OS Microsoft Windows CE Microsoft Windows XPe
Protocol support	RDP 5.X or higher ICA 9.X or higher



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