



“Avistar is an outstanding complement to Citrix’s HDX technologies for high definition desktop virtualization. By leveraging the Citrix XenDesktop 4 SDK for client-side media processing, Avistar has developed optimizations that enable full Office Communicator voice and video functionality to be delivered to remote workers even over challenging network conditions. The Avistar architecture also maximizes server scalability by leveraging the processing power of the user’s Windows device for video stream encoding and decoding.”

**Derek Thorslund**

*Citrix Product Strategist, HDX  
Citrix Systems, Inc.*

## At a Glance

### Avistar C3 Integrator™

- High-quality video over thin-client infrastructure
- Unchanged application code
- Minimized transmission delays
- Optimized network performance

### Avistar C3 Integrator™ for Citrix

- Runs on Citrix ICA Platform
- Supports Wyse & other thin terminals
- Performs Bandwidth Management
- XenDesktop & XenApp certified

## Avistar C3 Integrator™ for Citrix

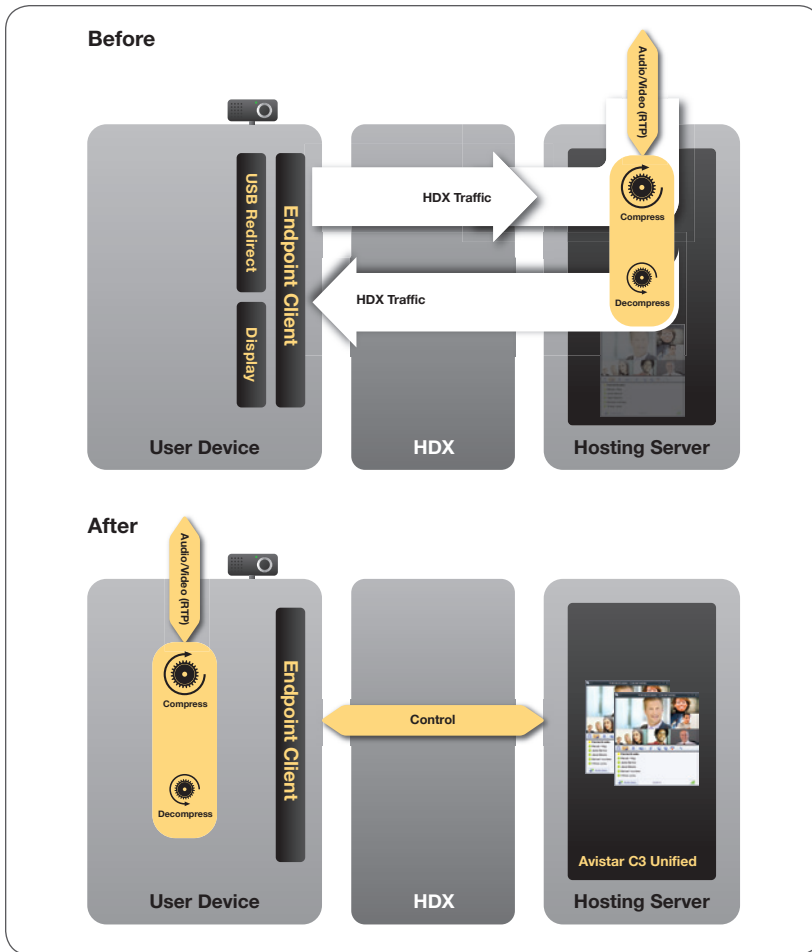
As growing numbers of enterprises adopt thin and virtual computing environments, applications and processing needs are moving from the desktop to the data center. While this transition provides outstanding operational and cost improvements, and is ideal for data-centric applications, it has been a difficult transition for communication, rich media and interactive solutions to make. Applications such as visual communications reduce the burden put on the infrastructure by optimizing or compressing data before it is transmitted. This prevents bogging down networks and degrading application performance and scalability. Unfortunately in a virtualized environment, where much of the computing is done in the data center, visual communications solutions are forced to optimize their operation in the wrong location and in return, can overburden a client’s network and affect other business-critical applications.

With the Avistar C3 Integrator™ for Citrix solution, media processing is optimized at the terminal, while application control and functionality continue to run in the virtualized environment or data center. Using this architecture, the application avoids transmitting uncompressed audio or video, minimizing transmission delays and ensuring the network is not overburdened. Server application code and communications APIs remain unchanged, ensuring the retention of Citrix’s cost and operational benefits and operation in an optimized infrastructure.

By utilizing the Avistar C3 Integrator™ for Citrix solution, enterprises can continue to realize the reduced operational cost and centralized control that are hallmarks of virtualized architectures, with the added benefit of a true, media-rich visual communications experience.

The Avistar C3 Integrator™ for Citrix solution is designed specifically to run on the Citrix ICA platform. Users can launch Avistar directly from their Wyse or other thin terminals. The Avistar C3 Integrator™ for Citrix solution operates on both Citrix XenApp and XenDesktop.

# Avistar C3 Integrator™ for Citrix



“The Avistar C3 Integrator™ for Citrix solution with Wyse terminals resolves audio-video synchronization and quality issues, improves network utilization and increases server scalability by providing peer-to-peer audio-video routing between end-user Wyse devices.”

**Param Desai**

*Director of Product Management for Virtualization Solutions  
Wyse Technology*

**System Requirements**

- Client/Terminal Operating System: Windows 7, Windows Vista SP1, Windows XP SP3, Windows Embedded Standard 2009 SP3, Windows XP Embedded SP2 or SP3
- Memory: Minimum 768 MB
- Disk space: At least 50 MB available
- Network interface: Full-duplex Ethernet TCP/IP local network connection
- Direct X: DirectX 9 or greater
- VGA adapter: Minimum 24 bit video card and driver that support DirectShow overlays, VMR7 or greater. Minimum 8 MB video RAM recommended
- Privileges: Administrator privileges are required for installation
- USB port: USB port to support a camera USB 2.0 recommended for optimal video quality

## Benefits

### Avistar C3 Integrator™ for Citrix Edition

- Leverages the Citrix ICA protocol and enables for the Avistar C3™ solutions on the Citrix ICA Platform, while keeping bandwidth consumption in check
- Delivers high quality video experience to end-users without taxing network resources unnecessarily
- Scales desktop visual communications and Microsoft OCS using a Citrix architecture
- Runs by the operator on the Citrix XenApp and XenDesktop solutions
- Enhances the value of the Citrix environment, while utilizing its full benefits to experience desktop visual communications
- Deliver on the promise of “virtual organizations” by combining Virtual Desktop Infrastructure with Virtual Teams enabled by Unified Communications tools
- Enable all the functionality of Unified Communications tools (including voice and video chat) to be delivered using Citrix XenDesktop—even in wide-area environments—by keeping bandwidth consumption in check.



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