

# aethra desktop server

## Videoconference Infrastructure



aethra®  
keep connected™

### Existing Video Infrastructure Extension

Easily connects remote employees and external partners using a PC to the Enterprise existing video network infrastructure for voice, video and data/H.239 conferences

### High-end video experience

Ensures the same "business" quality experience for all participants, whether connected from a high-end conference room or a remote PC

### Easy-to-use

Enables face-to-face collaboration that's as easy as Web conferencing, freely available to anyone and works anywhere



The Aethra solution expands full conferencing capabilities up to the Desktop scenario, allowing all videoconference participants to share the same interactive visual experience, independently by the equipment and location they are connected, overcoming complex installations, firewalls and expensive licensing fees

### Extend the Reach of the Enterprise Existing Video Network

The Aethra solution allows high-end interactive video collaboration session coming from traditional endpoints to be delivered and shared by PC at home, in the office or on the road.

### Recording and Playback

Users can record, archive and view their meetings. The recorded content is easily organized and managed providing simple web-access and retrieval.

### High Quality Video, Audio and Data on any Computer

By utilizing Aethra MCU+'s state-of-the-art audio and video hardware processing, each participant is assured a high quality audio/video experience, with HD to the Desktop.

### Common Experience for All Participants

All users get the same conference features like Continuous Presence video, H.239 data collaboration, PIN protected meetings and conference moderation.

### Minimizing Deployment Costs

Aethra Desktop Server uses a freely distributable, state-of-the-art Web client. There are no client software fees, complex installations, license provisioning or software upgrades.

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## Technical Specifications



### Client Connectivity Modes

- Live connection (Audio, Video, Data) for interactive participants
- Data only connection with moderation capabilities and optional call back
- Streaming mode for non-interactive participants

### Data Collaboration

- H.239 based data collaboration
- Annotation over H.239 data collaboration
- Room system-compatible data collaboration format (H.263+, H.264 HD)
- Data shared from a room system visible in all other rooms & on desktops
- Data shared from a desktop visible on all other desktops and in rooms
- Share the entire screen or specific applications
- Text chat with emoticons for desktop users

### Layout Selection

- Video or data focused
- Side-by-side video and data
- Full screen video or data

### Recording and Playback (Optional)

- Records audio, video, data and annotations
- Auto posted for easy web access
- PIN protected for access security
- Permit anyone to record or restrict users' by administrators

### User Controls

- Mute/un-mute
- Stop/start video
- Turn on/off local self view
- Choose your video layout (active speaker or continuous presence)
- Have the system call my voice or video number (callback)
- View consolidated conference roster (desktops and rooms)
- DTMF keypad

### Moderator Controls

- Acquire moderation rights (may require moderator PIN)
- Lock meeting
- Central, integrated directory
- Terminate meeting
- Invite any room system or phone (dial-out)
- Start/stop streaming
- Mute, un-mute and disconnect any participant
- Request to speak/raise hand

### Meeting Types

- Un-moderated meetings - Anyone can control the meeting
- Moderated meetings - Moderator PIN required to control the meeting
- Personal virtual room

### Built-In NAT and Firewall Traversal

- Traverses local and remote firewall to ensure connectivity
- Automatically handles local and remote NAT private networks
- Automatic detection of optimal media path: UDP, TCP or tunneled TCP

### Built-In Streaming

- Built-in streaming server supports 'watch only' participants
- Multicast or Unicast connection modes
- Simultaneous streaming of audio, video and data

### Security

- SRTP encryption to ensure the privacy of media and signaling between Aethra Desktop client and server
- Waiting room capability - Meeting will not start until moderator joins<sup>1</sup>
- Pre-defined virtual rooms - Optional mode where only pre-defined virtual rooms can be used for meetings<sup>1</sup>
- The Callback feature can be optionally disabled to avoid misuse

### Scheduling and Reservation

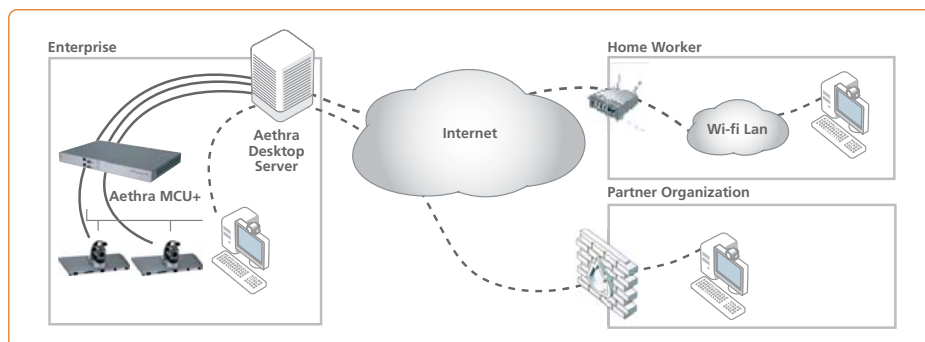
- Outlook and Notes plug-in for easy meeting scheduling
- Web based meeting scheduling from any browser<sup>1</sup>
- Port can be reserved assuring availability for critical meetings<sup>1</sup>

### Client Computer Requirements

- Operating System: Windows® 2003, Windows® XP, Windows® Vista™, MAC® OS-X<sup>2</sup>
- Browsers: Internet Explorer® 6, 7 or 8, Firefox® 2 or 3, Safari™ 3.1<sup>2</sup>

### Notes

1. When working in conjunction with Aethra Director Suite.
2. MAC® OS-X / Firefox® and Safari™ support conference watching only. Intel based CPU required for data viewing.



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