



We installed a system in South Dakota, another in Los Angeles and another at the University of Utah. Videoconferencing reduces the need for frequent gatherings, and allows plans and programs to move forward on timetables that make sense for the program rather than travel schedules of individuals.

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At a Glance

- Industrial-strength, software based MCU
- PIN control support for added participant security
- Simple, accessible conferencing
- Deployment flexibility with right sized buying
- Built for integration



Avistar C3 Conference™

Ad hoc hallway conversations are sometimes the most productive and meaningful meetings within an organization. Creating that culture of spontaneous collaboration is more difficult in a larger corporation with multiple offices. Business travel, instant messaging, email and telephone calls can only do so much, and can come with significant costs. Yet that spirit of collaboration and innovation is critical for business success, especially in light of the current economy.

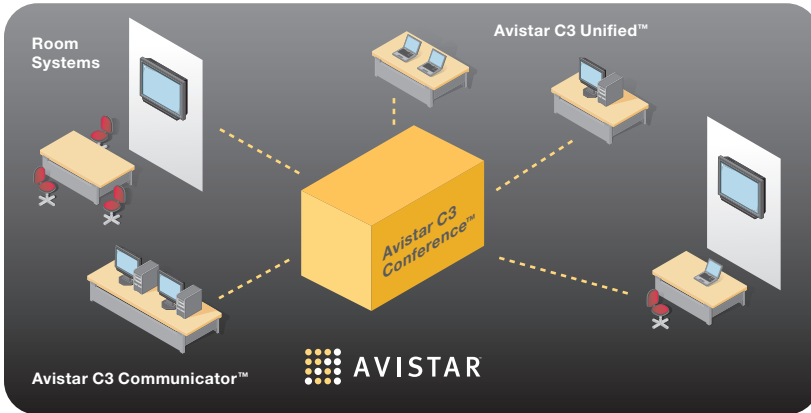
Enter the Avistar C3 Conference™ solution, a software-based multipoint control unit (MCU). The Avistar C3 Conference™ solution provides users the ability to conduct multiparty voice and video conference calls with a single-click, so hallway discussions can take place instantly. Alternatively, users can access personal meeting rooms for scheduled conferences. Once connected, the Avistar C3 Conference™ solution delivers the best experience possible for every user with full transcoding and transrating for every user.

The Avistar C3 Conference™ solution provides industrial-strength MCU capability through standards-based software—without the use or added expense of a hardware appliance. Unlike hardware-based MCU appliances that are bundled in pre-set port configurations, the Avistar C3 Conference™ solution enables customers to purchase only the number of ports they need at one time, then grow into additional ports as the need arises. The Avistar C3 Conference™ solution's flexible capacity management also enables an enterprise to easily migrate to HD videoconferencing on their time schedule and not the MCU vendors.

The Avistar C3 Conference™ solution is an excellent value for today's corporations. It offers investment protection, deployment flexibility, low cost of entry and minimized support costs. It can even enhance a corporation's green initiatives. Most importantly, the Avistar C3 Conference™ solution fosters a winning culture in which communications, collaboration and productivity are all essential to a corporation's future success.



The Avistar C3 Conference™



Benefits

- **Natural Interactions** – High quality media experience with support for HD video
- **Minimized Support Costs** – Enables self-service
- **Standards Based** – Supports existing conferencing standards
- **Right-sized Buying** – Empowers customers to license only the ports they need
- **Scalability** – Easily add host server processing power to increase MCU capacity
- **Flexibility** – Offers a flexible deployment model
- **Flexible Capacity Management** – Ensures optimal resource usage
- **Transcoding / Transrating** – For each port so endpoints receive the best possible experience based on their capabilities



AVISTAR™

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Specifications

- SIP compatible, multipoint video and voice conferencing
- On-demand, personal meeting rooms or one-click, ad-hoc conferences
- Personal layout selection with continuous presence and voice switched layouts
- Automatic layout selection based on the number of conference participants
- Large conference support up to the capacity of the MCU
- Call rates up to 1152 Kbps
- Up to 720p30 transmit and receive resolutions
- Selectable 4:3 and 16:9 aspect ratio for transmitted video
- H.264, H.263, H.263+, and H.263++ video codecs
- AAC-LC, G.711, G.722, G.722.1c audio codecs
- SIP Registration and proxy support
- Web-based, remote configuration and management
- Multi-level administrative access control using Windows domain and local host authentication authorities
- Usage and system logging to Microsoft SQL Server 2008
- Configurable DiffServ settings for audio and video
- Endpoint API via SIP CSTA for advanced conference management
- REST API for management integration

System Requirements

- Operating System: Windows Server 2003 R2 and Windows Server 2008
- Processor:
 - Dual Core processor higher required for operation
 - 2.5GHz Xeon processor or higher required for HD video support
 - Capacity of the MCU varies based on the available processor speed and number of available cores; resource usage varies by selected resolution
 - Example: Dual Intel Xeon X5570 @ 2.93Ghz processor will support up to any of the following:
 - 8 HD video participants (720p30) plus 7 video participants at 656p30 resolution
 - 52 video participants at Widescreen VGA resolution (368p30)
 - 135 video participants at Widescreen FCIF (224p30) 1375 audio-only participants using any supported audio codec.
- Memory: 2 GB
- Diskspace: 2GB
- Network: Single, 100Mbps network adapter with full duplex connectivity and a static IP address
- Virtual Servers: Supported; dedicated resources required