

ORCHESTRATOR[®]



feature-rich
conferencing
fully-integrated

A REVOLUTIONARY MULTIMEDIA CONFERENCING BRIDGE

compunetix

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Revolutionary Conferencing Capabilities

Hybrid Conferencing

The ORCHESTRATOR offers the seamless communication, system scalability and user simplicity your organization demands:

- Fully integrates audio, video and data collaboration capabilities in a single platform.
- Provides 8 to 80 ports of video conferencing, while simultaneously offering 24 to 240 ports of fully integrated audio conferencing.
- Maximizes efficiency and streamlines conference management.

On-Demand, Unattended Video Conferencing

The ORCHESTRATOR offers fully integrated attended and unattended videoconferencing. You can easily customize conferences in an unattended environment to meet your specific requirements, and hold meeting after meeting without reservations.

Dial-In Meet Me Conferencing: Dial into the system, enter a passcode and join your conference while it is in progress, without operator assistance.

Ad-hoc Conferencing: You and other conference participants simply call into the bridge to start your meeting no passcode or reservation required.

Unattended Chairperson Dial-Out: Dial into the bridge, enter a passcode, then dial other participants and join them to the conference.

Unattended Preset Conferencing: Dial into the bridge and enter a passcode. The bridge will take care of the rest, calling the other participants and joining them into your conference.

Automated Dial-Out: Automatically call and connect conference participants at a specified time. The bridge does all the work and allows you to focus on other matters.

Ready To Start Conferences: For added security, you can have participants connected and placed into a virtual "vestibule." Participants are then prompted for a passcode to join their conference.



ORCHESTRATOR[™]

Your organization is growing. So are your conferencing needs. Now, with the Compunetix ORCHESTRATOR, you can assure seamless communication, technological sophistication and the ability to meet the changing needs of your company.

The ORCHESTRATOR is the industry's most reliable, scalable and feature-rich conference bridging solution. Ideal for any large-scale communications system that requires robust, expandable conferencing resources, the ORCHESTRATOR provides unprecedented flexibility in a proven telecom platform.



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Reliability For Today— Flexibility For Tomorrow

The ORCHESTRATOR platform assures you of reliable operation, easily accessible management features, and the system flexibility to grow with you into the future.

Reliability

- Automatic Fault Recovery: Built-in software bypasses faulty paths, allowing conferences to continue without interruption if a failure occurs.
- Modular system components are: front-accessible, hot-swappable, self-testing and self-configuring.
- Redundant Configurations: Up to three hot swappable, load-sharing power supplies are available, to insure the highest level of reliability and availability.

Accessibility

- Easy-to-use interfaces allow control via the Web, a Windows-based interface with full operational and diagnostic tools, or DTMF tones.
- Remote operation and administration.
- Private and global system control, providing both operational and end-user access levels.

Upgradability/Investment Protection

- Scalable, single-platform design, providing 8 to 80 high-speed conferencing ports.
- Designed to accommodate up to 80 simultaneous connections at speeds up to 2 Mbps per channel in a single chassis.
- Software-upgradable to conform with new standards and evolving network specifications.

Advanced Features That Put You In Control

The ORCHESTRATOR videoconferencing system allows you to create more effective "face-to-face" meeting environments. Its robust feature suite is available to all users, regardless of connection type.

Continuous Presence

- Choice of multiple screen layouts
- Resources available on-the-fly, without advance reservation
- Sites may be anchored or allowed to switch based on voice-activation

Multi-Way Transcoding

- Sites with different transmission speeds, frame rates, resolutions, and audio and video algorithms can conference together
- Each site maximizes its individual capabilities, maintaining its own speed and associated video quality

Greeting Capabilities

- Customizable video and audio messages greet participants and assist them with their conference
- Customized, animated on-hold video images
- Text overlay to label sites and identify conference participants

Enhanced Functionality

- Reservation and scheduling package
- Billing package

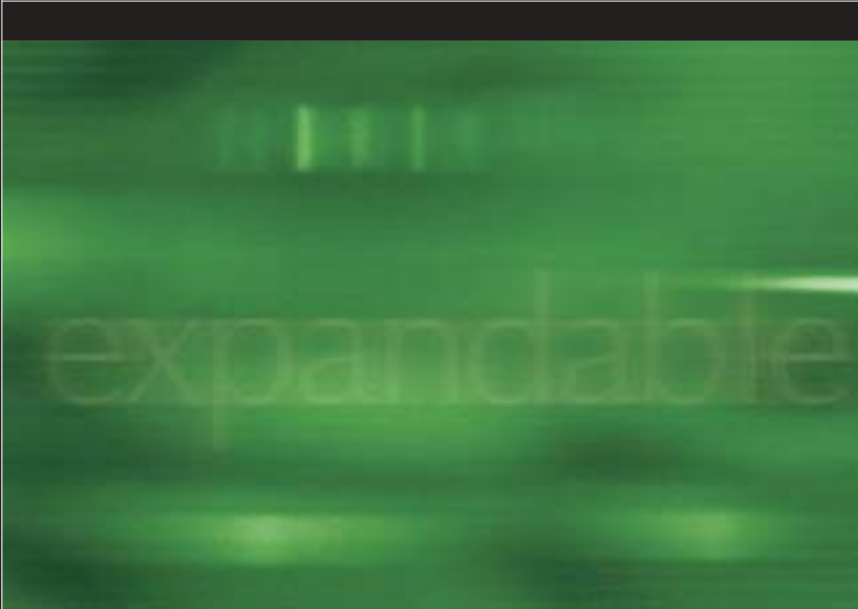
SPECIFICATIONS

ORCHESTRATOR

Multipoint Capabilities	Up to 80 ports H.320 video at speeds up to 2 Mbps per channel and up to 240 ports audio (simultaneously)
Bandwidth	Standard System 56 Kbps to 384 Kbps Upgradable to 2 Mbps
Video Capabilities	H.261 CIF, QCIF, 30 FPS H.263 CIF, QCIF, 30 FPS Voice Activated Video Switching Video Broadcast Mode Video Lecture Mode Video Roll Call Mode Automatic/Manual Gain Control Upgradable to Fully Integrated IP Conferencing
Audio Capabilities	G.711, A-law and -law, 3.5 KHz G.722, 7.0 KHz, M2/M3 G.728, 3.5 KHz Upgradable to VoIP
Network Interfaces	T1/ E1 PRI, T1 5ESS, DMS 100, NI2, NET5, SWISSNET
Control Interfaces	Multimedia Windows Operator Console (MMWOC) Web Interface Dual Tone Multi-Frequency (DTMF) Commands
Control Interface Connectivity	TCP/IP connection over LAN Web browser based connection
Channel Aggregation	Internal, H.221 BONDING Mode 1
Cascading	H.243 Cascading
Gateway Videoconferencing	H.320/H.323/H.321 with an external gateway
Electrical	110VAC, 240VAC
Conference Set up	Mixed Attended/Unattended Conferences Mixed Dial-In/Dial-Out Conferences Preset Conferences Passcode Conferences Passcode Meet-me Conferences Ready to Start Conferences
Application Interface Program	API available for custom software development
Automatic Fault Recovery	Detect and bypass faulty paths Automatic Traffic Re-Route Automatic Fall Back
Diagnostics	BAS/ISDN message capture On-line, real-time diagnostics Full POST (Self Test)
Environment	Temperature 50-90°F/10-35°C Humidity 20%-80% Non-condensing

SYSTEM OPTIONS:

Ensemble^a Continuous Presence	Single View Dual View Quad View Mixed (5+1) View
Advanced Ensemble^a	Unlimited number of continuous presence participants (up to full capacity of MCU with appropriate number of modules) Universal transcoding Unique presentation Additional Screen Layouts (9 view, 16 view, etc.)
Transcoding (Speed Matching)	Video (H.261, H.263) Bandwidth (up to 768 kbps) Frame Rate (supports all frame rates up to 30 fps) Resolution (CIF, QCIF) Audio (G.711, G.722, G.728) - inc. in base system
Image Labeling	Text Overlay
Data Capabilities	T.120 Data Conferencing



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To learn more about how the ORCHESTRATOR can meet your growing
conferencing needs, call Compunetix toll-free today
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