

Low-cost, powerful, secure voice conferencing  
with the easy-to-use  
**audioVIRTUOSO by Compunetix**



## audioVIRTUOSO®

Integrate into existing  
IT environment

Low cost  
for quick ROI

Unique passcodes  
enhance security

Scalable from 24 to  
120 audio ports

Emergency and crisis  
management features

Upgrade to video and  
VoIP conferencing  
and data collaboration

Businesses and organizations looking for an **affordable, secure, and easy-to-use** real-time collaboration platform will find the perfect solution in the **audioVIRTUOSO**. The audioVIRTUOSO is a complete enterprise conferencing platform for SMBs and organizations that want to deploy their **own resources** for effective multipoint communication.

The low cost audioVIRTUOSO is built around the same **advanced technology** found in Compunetix's carrier-class MCU's in use by service providers and telcos worldwide. It offers similar conference features and security in a **small package** that is easily **integrated** into existing IT environments. Your conference **security is ensured** by unique host and guest passcodes from each conference, **priority passcodes** — where "high" priority passcodes can free system capacity for **important meetings or emergencies** — and Web-based conference monitoring and control that allows you to see exactly who is on your call in real time.

The audioVIRTUOSO supports the **full-featured, agent attended and unattended conferencing** found in all Compunetix bridges. It offers you the choice of **Web-based or DTMF conference control**, Web-based reservations, standard Windows interfaces from conference management, reservations, and system administration, and integrated billing to track system usage. This is the only enterprise platform that has a **fully integrated videoconferencing solution** via a low-cost software upgrade. And **native H.323 VoIP and data collaboration tools** can be easily added to meet your organization's collaboration needs.

The audioVIRTUOSO also offers an **Emergency Management package** to enable your organization to instantly connect the right people to make decisions during a crisis. Please refer to the **audioVIRTUOSO Emergency Management** spec sheet for more details.

### Unattended Conference Types

- **Dial-In Meet-Me.** Dual passcodes provide the convenience offered by service providers — on-demand conferencing without compromising security.
- **Ad-hoc Conferencing.** Call into the bridge to start your meeting — no passcode or reservation required.
- **Ready to Start™ Conferences.** For added security, the bridge connects all participants, places them into a virtual "vestibule," and prompts them for a passcode to join their conference.
- **Chairperson Dial-Out.** Dial into the bridge, enter a passcode, then dial other participants and join them to the conference using simple DTMF commands.
- **Preset Conferencing.** Dial into the bridge and enter a passcode. The bridge takes care of the rest, calling and joining participants to your conference.
- **Automated Dial-Out:** Automatically call and connect conference participants at a specified time. The bridge does all the work which allows you to focus on other business.

### Conference Features

- **Customizable messages** greet participants and help them navigate the system.
- **Priority Passcodes.** "High," "Medium," and "Low" priority passcode designations provide users with access to bridging resources at all times. Higher priority passcodes may be used to free occupied bridging resources as needed to hold critical meetings, perform emergency management functions, etc.
- Automatic conference **breakdown** with the ability to extend as needed.

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Communications Systems Division

## Conference Control

- Simple, **Web-based** conference viewing and control and Windows-based control and administration interfaces.
- **DTMF control** features that empower end users to manage their own conferences.
- **Conference SOS™**. Star zero (\*0) signaling provides immediate attendant assistance for all parties.
- Conference **lock/unlock, mute/unmute** yourself or the conference, move between the vestibule and the conference, disconnect or put parties on hold.

## Reliability For Today — Flexibility For Tomorrow

The audioVIRTUOSO gives you reliable operation, easily accessible management features for complete conference session control, and the flexibility to grow into the future.

## Reliability

Modular system components are front-accessible, hot swappable, self-testing, and self-configuring. Compunetix bridges are the most reliable in the industry. In fact, 99% of all installed ports are still in use today.

## Accessibility

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

## Upgradability — Investment Protection

Scalable, single-platform design, providing 24 to 120 audioconferencing ports. Software-upgradeable to fully integrate videoconferencing up to 8 ports at 384 Kbps, without restricting or reducing the system's audioconferencing capabilities.

## TECHNICAL SPECIFICATIONS

### Multipoint Capabilities

Up to 120 ports of audio, in 24/30 port increments  
Software Upgrade for Videoconferencing  
Upgradeable to Fully Integrated VoIP

### Network Interfaces

T1/ E1 PRI, T1 5ESS, DMS 100, NI2, NET5,  
T1 Robbed Bit, E1 CAS

### Control Interfaces

Web Interface  
Multimedia Windows Operator Console (MMWOC)  
Dual-Tone Multi-Frequency (DTMF) Commands

### Control Interface Connectivity

Web Browser Based Connection  
TCP/IP Connection over LAN

### Electrical

110 VAC, 240 VAC

## PHYSICAL DIMENSIONS

### Tower Case:

Depth: 20.0in/51.0cm  
Height: 18.8in/48.0cm  
Width: 6.25in/16.0cm  
Weight: 45.0lb/20.4kg

### Rack Mount:

Depth: 19.5in/50.0cm  
Height: 5.0in/12.0cm  
Width: 17.8in/45.0cm  
Weight: 35.0lb/15.9kg

### Supported Conferences

Ready to Start™ Conferences  
Attended Conferences  
Unattended Conferences  
Mixed Attended/Unattended Conferences  
Dial-in Conferences  
Dial-out Conferences  
Mixed Dial-In/Dial-Out Conferences  
Preset Conferences  
Passcode Chairperson Dial-Out Conferences  
Passcode Meet-me Conferences

### Application Interface Programming

API available for custom software development

### Management Interface

Remote Access for Operation and Maintenance  
Multiple Security Levels  
Alarm and Event Logs Access  
MCU Configuration  
Database Maintenance  
Monitor System Status  
Account Management  
Client/Server Architecture

### Diagnostics

Remote Access for Operation and Maintenance  
BAS/ISDN Message Capture  
On-line, Real-time Diagnostics  
Full Post (Self Test)  
Hot Swappable Modules

### Environment

Temperature 50-90° F/10-35° C  
Humidity 20%-80%  
Non-condensing

## AUDIO SYSTEM OPTIONS

### Video Upgrade

Software upgradeable to include up to 8 ports of 384 kbp videoconferencing capabilities

### Voice over IP Upgrade

Available in 24/30 increments up to 120 port capacity (H.323)

### Data Capabilities

T.120 Dataconferencing

### Country Approvals

Australia, Canada, European Union, Japan, United States

## VIDEO UPGRADE TECHNICAL SPECIFICATIONS

### Multipoint Capabilities

Up to 8 Additional Ports of H.320 Video

### Bandwidth

Standard System – 56 Kbps to 384 Kbps  
Upgradeable to 2048 Kbps

### Audio Capabilities

G.711, A-law and  $\mu$ -law, 3.5 KHz  
G.722, 7.0 KHz, M2/M3  
G.728, 3.5 KHz  
Automatic Audio Transcoding  
Upgradeable to VoIP

### 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  
Customizable On-Hold Images  
Upgradeable to Fully Integrated IP Conferencing

### Channel Aggregation

Internal, H.221  
BONDING Mode 1

## VIDEO SYSTEM OPTIONS

### Ensemble™ Continuous Presence

Single View, Dual View, Tri View, Quad View, Five View, Six View, Eight View

# compunetix

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