VIRTUOSO® HYBRID

A REVOLUTIONARY AUDIO/VIDEO CONFERENCING BRIDGE
The VIRTUOSO Hybrid Bridges The Communications Gap.

The VIRTUOSO Hybrid offers an ideal communications solution for your organization, providing a robust and streamlined system to meet your mixed conferencing needs. The VIRTUOSO Hybrid is an economical and feature-rich multipoint conferencing bridge that offers 24 to 120 ports of audioconferencing while simultaneously delivering eight ports of videoconferencing at speeds up to 2 Mbps. You can easily incorporate the VIRTUOSO Hybrid into your existing network infrastructure, and expand it as your communications needs grow.

Fully Integrated

Enjoy truly integrated audio and video conferencing functionality. The full feature set offered by the VIRTUOSO Hybrid is available to you at all times, whether you use the system for an audio-only, video-only or mixed conference call. This unique solution allows you, not your equipment, to define how your conferences will be run.

Flexible

Create and manage conferences any time, from anywhere in the world — Compunetix offers worldwide access to your bridging resources through the Internet. You can control your conference over the Internet using VIRTUOSOWeb™, a Web-based interface or via a LAN/WAN, with the MMWOC Windows-based interface. Conferences may also be controlled directly from your telephone or video terminal.

Easy-to-Use

Compunetix makes conferencing a breeze for everyone in your organization, with a system that is easy to learn and understand. Create and control conferences from a single screen on your desktop, from the Web, or right from your telephone or video terminal. All of your personal conferencing data — meeting configurations, phone directories and personal profiles — is stored by the system and easily accessed using your unique system login. Advanced conferencing technology has never been so easy!

Personal

Experience the dynamics of a real face-to-face meeting by viewing multiple sites at the same time with Ensemble™ Continuous Presence. With Ensemble™ you can see the visual cues and reactions of more than one person, making your meeting experience more personal and interactive than a conference where participants view only one site at a time.
Integrating Attended and Unattended Conferencing.

The VIRTUOSO Hybrid offers maximum flexibility, allowing you to enjoy both attended and unattended conferencing functionality at all times. Create and manage conferences with an easy-to-use interface, or launch a conference on-the-fly from your cell phone, video terminal, conference room, or anywhere on the road. Now whether you’re in the car, at an airport, running between meetings, or sitting at your desk, you can hold conferences with colleagues, clients and business partners whenever you like.

Unattended Conferencing Modes

**AUDIO-GRAPHICS CONFERENCING:** Couple your system’s audio and T.120 data conferencing capabilities to hold real-time collaboration sessions.

**PASSCODE CONFERENCING:** Dial into the system, enter a passcode and join your conference while it is in progress, without operator assistance.

**DIAL-IN MEET ME CONFERENCING:** You and other participants in your conference can call into the bridge at a pre-determined time to start your meeting.

**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 to launch your conference. The bridge will take care of the rest, calling all of the other conference participants and joining them into your conference.

**AUTOMATED DIAL-OUT:** Automatically call and connect all of the conference participants at a specified time. The bridge does all of the work — allowing you to focus on other matters.

**WITH FEATURES THAT PUT YOU IN CONTROL.**

The VIRTUOSO Hybrid offers a wide range of user-friendly features and powerful system capabilities, giving you total control over your conferencing functions:

- Easy-to-use control interfaces
- Dynamic video mode selection
- Unlimited site anchoring
- Voice-video synchronization
- Single number dial-in
- Subconferencing for all participants
- Dial-out and dial-in on the same bridge
- Customizable video menus and on-hold images
**SPECIFICATIONS**

**VIRTUOSO® HYBRID**

**Multipoint Capabilities**
Up to 8 ports H.320 video and up to 120 ports audio (simultaneously)

**Bandwidth**
Standard System — 56Kbps to 384 Kbps
Upgradeable to 56Kbps to 1920 Kbps

**Video Capabilities**
- H.261 CIF, 30 FPS
- H.263 CIF, 30 FPS
- Voice Activated Video Switching
- Video Broadcast Mode
- Video Lecture Mode

**Audio Capabilities**
- G.711, A-law and µ-law, 3.5 KHz
- G.722, 7.0 KHz
- G.728, 3.5 KHz
- Automatic/Manual Gain Control
  Upgradeable to Voice over IP

**Network Interfaces**
- T1/ E1 ISDN PRI
- Quad T1/ E1 PRI

**Control Interfaces**
- Windows-based application
- Web-based conference control
- Chair Person/DTMF Control

**Control Interface Connectivity**
- TCP/IP connection over LAN
- Dial-up modem connection
- Direct serial connection
- Browser-based connection

**Channel Aggregation**
- Internal, H.221
- BONDING Mode 1

**Cascading**
- H.243 Advanced Cascading

**Gateway Videoconferencing**
- H.320/H.323/H.321 with an external gateway

**Electrical**
- 120 VAC, 2 Amps
- 240 VAC, 1 Amp

**Physical Dimensions**
- Tower Case and Desktop:
  - Depth: 20 in/51 cm
  - Height: 18.80 in/48 cm
  - Width: 6.25 in/16 cm
  - Weight: 45 lbs/20.4 kg
- Rack Mount:
  - Depth: 19.5 in/50 cm
  - Height: 5 in/12 cm
  - Width: 17.8 in/45 cm
  - Weight: 35 lbs/15.9 kg

**Conference Set up**
- Attended or Unattended
- Local & Remote Operator Consoles

**Application Interface Program**
- API available for custom software development

**Diagnostics**
- BAS/ISDN message capture
- On-line, real-time diagnostics

**Environment**
- Temperature: 50-90º F/10-35º C
- Humidity: 20%-80%
- Non-condensing

**Warranty**
- One year parts and labor for all hardware. One year software upgrades and technical support. Post-warranty maintenance programs are available for all hardware and software.

**SYSTEM OPTIONS:**

**Ensemble Continuous Presence**
- Single View
- Dual View
- Quad View
- Mixed (5+1) View

**Transcoding:**
- Video
- Audio included in base system

**Data Capabilities**
- T.120 Data Conferencing

To learn more about how Compunetix can enhance your business communications, call us today at (412) 373-8110, or visit our web site at www.compunetix.com.

Compunetix, Inc.
Video Systems Division
2420 Mosside Boulevard
Monroeville, PA 15146
(412) 373-8110
(800) 879-4266
Fax: (412) 858-6348
email: vsdsales@compunetix.com