VCON
VISUAL COMMUNICATIONS

vPoint

A high-quality software-based videoconferencing system

vPoint is the latest software client architecture for VCON personal conferencing solutions. vPoint brings video to every employee's desktop, enabling realtime communications between employees and customers and giving people access to information they can use and respond to immediately. vPoint is light, flexible and versatile, dynamically operating in three modes, depending on the hardware connected to the PC. vPoint delivers a high video resolution and refresh rate supporting up to 30fps and includes full-duplex echo cancellation, making it the highest quality software-based videoconferencing system available. The low cost of vPoint combined with its flexibility and high performance makes it the perfect videoconferencing solution for any organization.

– Low-cost, high-quality IP videoconferencing

– Automatically senses appropriate mode based on connected hardware providing versatility and ease of use

– Multiple viewing modes from mini-mode to full screen

– VCON PacketAssist™ architecture for advanced Quality of Service (QoS) over IP

– One to many broadcast streaming using VCON's Interactive Multicast support

– Remote software upgrades from network administrator guarantee uniformity across the organization (with MXM)

Operates in 3 modes

vPoint dynamically operates in 3 modes, depending on the hardware connected to the PC. With a USB camera, vPoint is a low-cost software-based solution with full conferencing capabilities on PCs 1Ghz and higher. For the traveling user with no camera attached, vPoint's Viewer+ mode provides two-way audio and one-way video, enabling remote participation in important conferences and broadcasts while maintaining business quality. With VCON ViGO™ attached, vPoint becomes a hardware-accelerated conferencing client with business quality audio and video on PCs from 350Mhz and higher.

The MXM Difference

When deployed in conjunction with vPoint, the MXM provides the advanced technology needed for high-quality videoconferencing throughout the organization. Now, with the click of a button, users can "invite" a 3rd party into their videoconference, a revolutionary feature called "ad-hoc conferencing" that automatically places the users in a multi-point conference bridge. Other video telephony features, such as video call transfer and video call forward are also a part of vPoint. Additionally, from the MXM console, the network administrator can remotely upgrade all vPoint endpoints, as well as manage those endpoints on a day-to-day basis.

VCON's vPoint adds the crucial visual dimension to remote business interactions.

vPoint

Minimum PC Requirements

Software-based mode:
– Pentium III 1Ghz PC
– Windows 98, ME, 2000, XP
– 40MB available disk space
– 64MB Memory for 98, ME, 2000
– 128MB Memory for XP
– Direct Draw Support (2MB VRAM)
– USB camera or video capture card
   connected to PC
– Soundcard-supported mic and speakers
– 2 available USB ports

Hardware-accelerated (ViGO) mode:
– Pentium II 350Mhz PC
– Windows 98, ME, 2000, XP
– 40MB available disk space
– 64MB Memory for 98, ME, 2000
– 128MB Memory for XP
– Direct Draw Support (2MB VRAM)

What's in the Box? (vPoint software-based)

vPoint Professional:
– vPoint software installation CD
– USB camera
– Headset
– Getting started guide
– USB Software Protection Key

vPoint Standard:
– vPoint software installation CD
– Getting started guide
– USB Software Protection Key

Specifications

Standards Supported
ITU-T: H.323 v3

Video Standards
H.261, H.263
Supports asymmetric video rates
Annex Q (Far End Camera Conrol over IP)

Audio Standards
G.711, G.728, G.722, G.723.1

Data Standards
T.120 (data collaboration)

Transmission speed
64Kbps – 1.5Mbps

Video Resolution
FCIF (352 x 288 pixels) @ 30fps
QCIF (176 x 144 pixels) @ 30fps

Audio features
Full duplex echo cancellation
Automatic noise suppression

Viewing modes
Mini screen
Regular screen
Large screen
Full screen

Data Collaboration
Integrated Microsoft NetMeeting
Application Sharing
File Transfer
Whiteboard

Streaming Capabilities
Interactive Multicast chair
Interactive Multicast participant

Languages supported
English, French, German, Italian, Spanish (Spain
and Latin), Chinese and Japanese

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