

vPoint Development Kit (vPDK)

A software development kit allowing customization of personal high quality software videoconferencing systems.

Operating Systems

- Windows 98
- Windows ME
- Windows 2000
- Windows XP

OCX Compliant Editors

- Microsoft Visual Basic
- Microsoft Visual Basic.NET
- Microsoft Visual C++

MXM Key Features

- Video call transfer
- Video call forward
- Ad-hoc conferencing
- Billing and reporting
- Remote call initiation
- LDAP directory services
- Simplified gateway dialing
- ACD hunting groups
- User Mobility

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The VCON vPoint Development Kit (vPDK) is a complete set of 32 bit OCX custom controls for integrating all of VCON's visual communication capabilities into new or existing applications. vPDK is a software development environment that allows in-house developers, original equipment manufacturers, system integrators, independent software vendors, and end-user organizations to create tailor-made custom-built applications. vPDK enables the easy and smooth addition of video to applications in a broad range of industry sectors, including banking, financial and real estate services, remote consulting, e-commerce, distance learning, security/surveillance, telemedicine, travel, call/help centers and more.

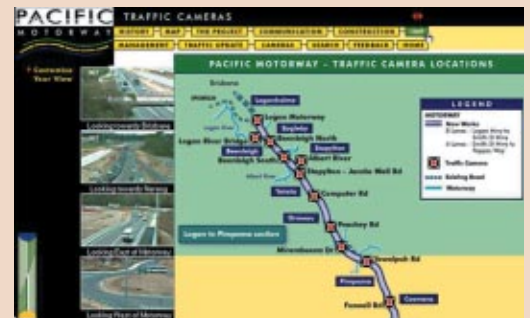
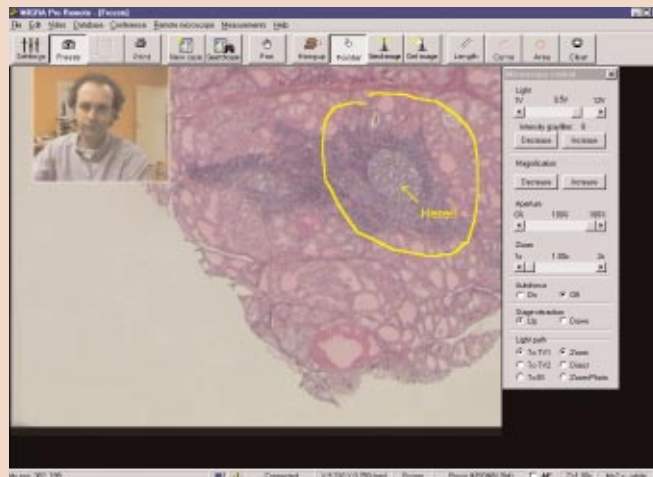
- Supports data rates up to 1.5Mbps
- Complete set of controls for video, audio and data functions
- VCON PacketAssist™ architecture for advanced Quality of Service (QoS) over IP
- Supports all possible operation modes (software-only or hardware-assisted) in one set of OCXs
- Supports multiple operating systems for a variety of environments
- Supports multiple OCX compliant editors
- No royalty assessed on any vPDK-developed application

Custom-built applications in three modes

vPDK enables the developer to create custom-built videoconferencing applications in three modes, depending on the hardware connected to the PC. With VCON's ViGO™ attached, a vPDK-based application becomes a hardware-accelerated conferencing client with business quality. With a USB camera, a vPDK-based application is a low-cost software-only solution, with full videoconferencing capabilities. For the traveling user, with no camera attached, a vPDK-based application Viewer+ mode provides two-way audio and one-way video, enabling remote participation in important conferences and broadcasts while maintaining business quality.

Integrated with the MXM

vPDK developed applications must be developed in a VCON Media Xchange Manager™ (MXM) environment where the clients that are developed register to the MXM to receive remote management services. For this reason, the vPDK package includes a 5-user MXM and 10 VCON vPoint client seats. The vPDK developer can take advantage of other MXM features such as video call transfer, video call forward, simplified gateway dialing, directory services and ad-hoc conferencing services.



Dynamic, light software videoconferencing applications can custom-developed quickly and easily with the VCON vPDK.

vPoint Development Kit (vPDK)

Minimum PC Requirements for vPDK-Developed Applications

Hardware Accelerated (ViGO):

- 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)

Viewer+:

- Pentium III 600Mhz 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)
- Soundcard-supported mic and speakers

Software Client:

- 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 connected to PC
- Soundcard-supported mic and speakers

OCXs included in the vPDK

LAN.OCX

LAN Conversation control (Point to Point and Multicast).

The LAN OCX controls IP telephony connection and videoconferencing synchronization based on the H.323 standard. The LAN OCX also includes Interactive Multicast chair control and participant list management capabilities.

Video.OCX

Video control.

The Video OCX controls the display mode (Local/Remote), the display settings (contrast/brightness/color) and the video quality.

Data.OCX

Data control.

The Data OCX is based on Microsoft NetMeeting™ and it supports operations such as whiteboard, file transfer and application sharing.

Camera.OCX

Camera control.

The Camera OCX controls Local and Remote Pan-Tilt-Zoom cameras.

MonAudio.OCX

Audio control.

The Monitor Audio OCX controls the speakers' volume level, microphone input gain and the audio quality.

Config.OCX

Configuration control.

The Configuration OCX enables the MXM server to control the end point characteristics and allows the end point to send requests to the MXM server for on line configuration changes.

Network.OCX

Network control.

The Network OCX includes PBX functionality such as call transfer, call forward, call pick-up and ad-hoc conferencing.

Record.OCX

Record control.

The Record OCX enables to record, playback and send .AVI files via e-mail format (VIGO only).

Directory.OCX

Directory Server control.

The Directory OCX provides support for multiple on-line directory servers' connection and registration.

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