

VCON Development Kit

A software development kit allowing customization of both group and personal videoconferencing systems.

Operating Systems

- Windows 98
- Windows ME
- Windows 2000
- Windows XP
- Windows NT (excluding ViGOTM)

OCX Compliant Editors

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

VCON Supported Codecs

- Escort
- Cruiser 150
- Cruiser 384
- ViGO
- Monitor 1000
- Monitor 3000

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

Contact us at vdk@vcon.com

The VCON Development Kit (VDK) is a complete set of 32-bit OCX custom controls for integrating all of VCON's visual communication capabilities into new or existing applications. The VDK allows developers to create custom-built videoconferencing applications on top of VCON's hardware platforms in various types of communication environments such as ISDN or IP. It 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 centers and more.

- Personal and group applications use the same development package
- Complete set of controls for video, audio and data functions
- Supports multiple operating systems for a variety of environments
- Supports multiple OCX compliant editors
- No royalty assessed on any VDK-developed application
- VCON PacketAssist™ architecture for advanced Quality of Service (QoS) over IP

Developed with VCON Hardware

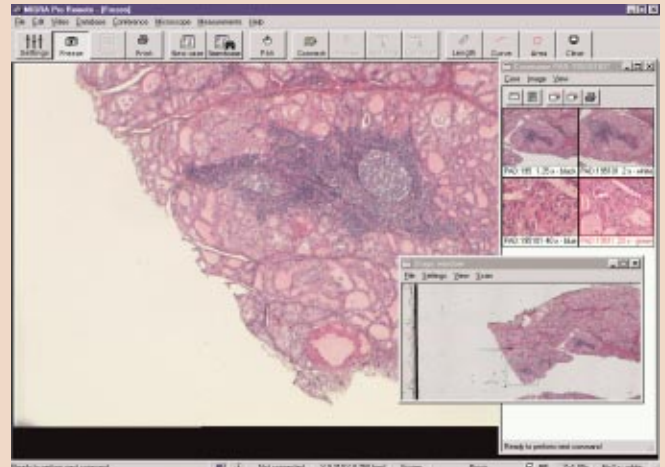
VCON has a wide range of videoconferencing systems including the IP-only Escort, the USB-based ViGO™, the IP/ISDN Cruiser 150 and 384 and the Monitor boards, which are incorporated into VCON's MediaConnect group systems. Since a VDK developed application can run on a multitude of VCON's endpoints, developers can create integrated solutions that include group, desktop and portable videoconferencing systems, all with a common user interface. Since no royalty is assessed on the software created with the VDK, it can be loaded on multiple VCON endpoints for sale.

The MXM Difference

As part of an integrated VCON Media Xchange Manager™ (MXM) solution, VDK applications take on additional functionality. Some of the OCX controls in the VDK are specific to functions granted by the MXM, like video call transfer, ad-hoc conferencing, and remote endpoint control. Using the MXM to manage a custom-tailored application, like telemedicine or security, increases the value of the VDK-developed software as well as the manageability of the application for network administrators.



The VCON Development Kit can be used to customize unique applications for VCON videoconferencing systems



VCON Development Kit

Minimum PC Requirements

ViGO:

- Pentium II 350Mhz PC
- Windows 98, ME, 2000, XP
- 100MB available disk space
- 64MB Memory for 98, ME, 2000
- 128MB Memory for XP
- Direct Draw Support (2MB VRAM)

Monitor 1000/3000:

- Pentium III 1Ghz
- Windows 98, ME, 2000, NT, XP
- 100MB available disk space
- 256MB Memory
- Direct Draw Support (2MB VRAM)

Escort/Cruiser:

- Pentium 200 MHz with PCI bus
- 64MB RAM
- 100MB available disk space
- PCI SVGA card or chip that supports DirectDraw with 2M VRAM
- Windows 98, NT, 2000, ME, XP
- No support for PCs configured with dual processors

OCXs included in the VDK

ISDN.OCX

ISDN conversation control. (Point to Point only).
The ISDN OCX controls both the telephony connection (based on TAPI) and the videoconferencing synchronization based on the H.320 standard.

MCU.OCX

ISDN multipoint conference control.
The MCU OCX includes MCU chair control capabilities, participant list management and more.

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.

Audio.OCX

Audio control for desktop system quality based products.
The Audio OCX controls the volume level, active audio device, audio muting and more.

Video.OCX

Video control for VGA based products.
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 for high quality based products.
The Monitor Audio OCX controls the speakers' volume level, microphone input gain and the audio quality.

MonVideo.OCX

Video control for TV monitor based products.
The MonVideo OCX controls the display mode (local/remote/PIP), the display settings (contrast/brightness/color) and the video 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 controls the ILS on-line directory service.

OCX Validity

OCX Type:	ISDN	MCU	LAN	Audio	Video	Data	Camera	Mon Audio	Mon Video	Config	Network	Record	Directory
Escort	-	-	+	+	+	+	+	-	-	+	+	-	+
ViGO	-	-	+	-	+	+	+	+	-	+	+	+	+
Cruiser 150	+	+	+	+	+	+	+	-	-	+	+	-	+
Cruiser 384	+	+	+	-	+	+	+	+	-	+	+	-	+
Monitor 1000	+	+	+	-	-	+	+	+	+	+	+	-	+
Monitor 3000	+	+	+	-	-	+	+	+	+	+	+	-	+

VCON Headquarters
Tel: +972 9 959 0059
Fax: +972 9 956 7244

VCON Americas
Tel: +1 512 583 7700
Fax: +1 512 583 7701

VCON Europe
Tel: +49 89 614 57 0
Fax: +49 89 614 57 399

VCON China
Tel: +86 10 65269791
Fax: +86 10 65269790

www.vcon.com