

## System Requirements

SERVER SYSTEM	Recommended Minimum Configuration
Hardware:	Pentium 4, 1GHz. 100MB available disk space. Standard VGA adaptor and monitor Recommended 512MB for 10 concurrent users, 1GB for 20 users or more.
Operating System:	Windows 2000 / 2003 Server
Network Environments:	LAN: All current Industry standard Ethernet transmission standards; Internet Connections via T1 / T2 / T3, E1 / E2 / E3 and UK and European equivalents.
Bandwidth	Minimum 20 Kbps per concurrent user is required. For example, a set of meetings with 10 connections to the server would require an available bandwidth connection of 200 Kbps – two attendees per a meeting and five meetings. The bandwidth requirements depend on the number of concurrent meeting rooms and number of attendees.

CLIENT SYSTEM	Recommended Minimum Configuration
Hardware:	Pentium 3, 333MHz. 100MB available disk space. Recommended 512 MB RAM. Standard VGA adaptor and monitor.
Operating System:	Windows 98SE/ 2000 Professional / XP Professional.
Required Software:	MS Explorer 6.0 or later, DirectX 9.0b.
Network Environments:	LAN: All current Industry standard Ethernet transmission standards; Internet Connections via T1 / T2 / T3, E1 / E2 / E3, ISDN, ADSL, Cable Modem, etc and UK and European equivalents.
Peripheral Equipment	Individual Use Standard USB web camera supporting 176 x 144 & 352 x 288 with RGB24 and I.420 format, VGA adaptor supporting DirectX 9.0b and higher, headset or microphone system and full duplex sound card.  Boardroom/Meeting Room Use Sony D70 or similar analogue camera, Osprey 100 video card, external speakers, *echo canceling device, microphones, projector and optional SmartBoard™ or similar. * Options available. Further details and information on request.

**RAVCOMS** *Eyecon*  
Authorised Distributor in UK and Republic of Ireland



Advanced Network Engineering Consultants Ltd  
PO Box 57, Swadlincote  
Burton on Trent  
Staffordshire  
DE11 0ZT, United Kingdom  
Tel: +44 (0)1283 222121  
Fax: +44 (0)1283 222130  
WEB: <http://www.anec.co.uk>

Authorised Reseller:-



RAVCOMS

Multi-point Collaborative  
Communications - *Over IP*

**VIDEO and AUDIO CONFERENCING**

**DOCUMENT SHARING**

**APPLICATION SHARING**

**POWER POINT PRESENTATION**

**ESCORTED WEB BROWSING**

**WHITEBOARD SHARING**

# RAVCOMS *Eyecon*

Rapid Audio Video Communication System

## Overview

**RAVCOMS *Eyecon*** is a real-time conferencing-and-collaboration software tool that includes real time video and audio over the Internet. The system is software based and uses a server on your LAN located behind your firewalls together with standard desktop or notebook computers as clients. With just a few key strokes, **RAVCOMS *Eyecon*** can be thought of as an "always on" service which can facilitate meetings with any person or group of persons, anywhere in the world through your computer:

- See and talk to meeting participants
- Present and collaborate on documents
- Show PowerPoint presentations, web pages, Word and Excel documents

Unlike traditional videoconferencing solutions, **RAVCOMS *Eyecon*** operates on any computer running MSWindows operating system. With a full duplex audio card, plug in USB camera, headset and high-speed access to the Internet or your LAN, you can enter a conference wherever you are.

**RAVCOMS *Eyecon*** is especially cost effective for use in organizations that have multiple Meeting Rooms. The only extra items you need are an echo canceller, microphone(s), quality camera, powered loudspeaker and projector (or large monitor). The same equipment can be used to provide video conferencing in the Boardroom.

One click of the client software is all it takes to connect to the **RAVCOMS *Eyecon*** conference server. Once connected to the server, public or private meeting rooms can be created with a choice of how many participants will attend. Different groups can hold meetings simultaneously. The meeting chairperson can control the meeting through the user-friendly interface.

**RAVCOMS *Eyecon*** is one of the most cost effective video conferencing systems on the market. A one-time purchase of software and a server with access to the internet is the only cost. Universal access to the system means worldwide meetings can be organized quickly to solve complex problems. This enables accelerated decision making wherever meeting participants are, saving travel time and expense. Long distance training, discussions and problem solving can be achieved without leaving the office!



# RAVCOMS *Eyecon*

Rapid Audio Video Communication System

## Features

### VIDEO CONFERENCING

- Live audio and video
- Full motion video adjustable from 1 to 30 frames a second
- Full duplex audio for interactive conversations. 2, 5, 10, or 17 people visible on the screen at once
- Private or public text messages between participants

### PRESENTATION BOARD

- The Presentation Board can be used to display presentations in PPT, XLS, Word, BMP, JPG, TXT and HTML
- Any participant can present material to the meeting with the chairperson's permission
- Show PowerPoint presentations and allow input from participants
- Share the pointer, underlining tool or create different shapes to highlight text

### GUIDED WEB TOURS

- Guided website tours can be conducted by the chairperson or meeting attendee and presented to all others in the meeting
- Web pages can be captured and displayed on the Whiteboard to be edited by meeting participants

### WHITEBOARD

- The whiteboard allows meeting participants to draw, write and mark the document as if they are using a dry wipe board
- Various shapes, colours, underlining and highlighting options are available
- Allow participants to write on the whiteboard either with keyboard or freehand

### SESSION RECORDER

- RAVCOMS Player can be used to record and playback all audio, whiteboard and text chat as evidence of a meeting
- Session files can be sent by email to participants and other interested parties from within the application



10-User Video Conference



Medical Annotated Presentation



Whiteboard "zoomed in"



Web Page with Annotation



# RAVCOMS *Eyecon*

Rapid Audio Video Communication System

## Value Proposition

**RAVCOMS *Eyecon*** is an "always on" feature rich, and easy to use collaborative networking tool that enables geographically dispersed workgroups to discuss and resolve problems quickly, often eliminating lost time through local and international travel and fatigue. **RAVCOMS *Eyecon*** is the perfect solution for design engineers, technicians, key decision makers, clinicians, field sales and home workers, project workgroups, product developers and researchers. Consider how much time and expense could be saved through contact "on demand" between participants in your business or organization using this technology.

**RAVCOMS *Eyecon*** is easy to use; sessions can last for a few seconds or several hours. If a new participant is required to join your RAVCOMS community all they need do is download the RAVCOMS client software from your own server one time. They can be on-line and working in less than five minutes.

**RAVCOMS *Eyecon*** uses MS Windows as its operating platform for both clients and server. This leverages your LAN, connections to the Internet, broadband and the technology inherent in your desktop and notebook computers. No dedicated ISDN circuits, gateways or video conferencing service provider contracts are required. Users can start a private or public conference at any time without having to prearrange the session with a service provider.

**RAVCOMS *Eyecon*** delivers cost containment too! System licensing comprises a one off investment depending on the maximum number of concurrent users attached to a server running the RAVCOMS server software. Client software may be freely distributed to your user base for use with the RAVCOMS Server license. Licenses can be upgraded at any time to increase the number of participants.

As the system operates as a service across your own infrastructure and the Internet, there are no hidden costs for accumulated "over quota" minutes used and no costly service provider contracts to maintain!

**RAVCOMS *Eyecon*** sessions are encrypted using SEED, a 128-bit symmetric key block cipher which is known to be very robust against Differential Cryptanalysis, Linear Cryptanalysis and related key attacks. Chat, Whiteboard, Audio and Video services are individually encrypted.

**RAVCOMS *Eyecon*** uses industry standard servers with MS Windows 2000, 2003 Server operating systems behind your firewall. One or more servers can be located on your own site and configured to load share or remotely hosted with a service provider of your choice, according to the availability of bandwidth and number of concurrent users required.

**RAVCOMS *Eyecon*** Server administration and operation requires only occasional maintenance to add and remove password protected user accounts from the server database. No special expertise or skill sets are required.

RAVCOMS

RAVCOMS

RAVCOMS