



'Blackstone' user interface adapts to any environment



'Virtual desk' user interface for business conferencing



Pocket PC



'SoftPhone' user interface for basic applications



'Standard' user interface for consumers



## Multimedia Video Calling Software Application for Users and Developers.

eConf is a standalone cost effective video calling software application for communication over IP (Internet Protocol) and 3G networks.

eConf offers a high quality audio and video user experience, comparable to that delivered by hardware video conferencing solutions but at a far more competitive price. Its versatility allows it to be deployed on its own, or alongside exiting systems within an Intranet. Alternatively eConf can be combined with other infrastructure products to form a complete IP communications solution.

Using standard-based communications protocols, media encoding and compression, eConf complies fully with the latest industry H.323, SIP and 3G-324M standard protocols.

eConf has been designed to be used 'out of the box' as a fully-featured software multi-media client, or as a development platform for multi-media applications.

eConf is a highly modular application, composed of building blocks in three categories:

- communications protocols,
- audio and video Codecs,
- application user interfaces.

With the standard 'out of the box' version, users can choose from a variety of application interfaces or 'skins'; selecting from a soft phone application, simple multi-media application, or a virtual desktop. Developers\*, on the other hand, can quickly modify the look and feel in order to brand eConf, or integrate it into third party applications and professional business conferencing solutions.

(\*Contact your Global V C S partner or representative for further information on the customization options.)

### Features & Benefits:

#### High Quality Video

eConf Codecs are designed to be highly error resilient. They continue to provide smooth and uninterrupted video experiences even in IP networks with up to 5% audio and video packet loss.

#### Fully Standards Based

eConf supports all the latest communications protocols. Developers of complementary H.323, SIP and H.324M and MGCP entities (terminals, gatekeepers, MCUs and firewall traversal servers) can easily and quickly integrate their solutions with eConf.

#### Cost Effective Capabilities

eConf includes video, audio and data communications, a set of graphical user interfaces, and a highly effective echo-cancellation system which permits hands free use of the application.. This means that all the elements necessary to build a very cost effective desktop multimedia video conferencing solution are provided.



# Multimedia Conferencing

## Minimum Configuration

<b>Personal Computer</b>	Standard Definition - 1.2GHz Centrino, 1.5GHz P4, or 1.8GHz Celeron, 128MB RAM High Definition – Dual core duo, 2ghz, 1gb RAM free space required on HDD: 60MB.
<b>Network Connection</b>	Any IP connection over 64kb/s
<b>Media</b>	Webcam, or, video capture card. Sound card, or, full-duplex sound Chipset. Microphone. Speakers, headphones. Global V C S recommendations available on request. Note: eConf can run on a system without a camera / webcam, if necessary.

## Specifications

<b>Operating Systems</b>	Windows 2000, XP, VISTA
<b>Communications Protocols</b>	eConf is available as an IP-only application (H.323 or SIP); an application with support for circuit-switched networks, such as 3G (3G-324M, H.324M); or as a multi-protocol solution.
<b>Audio &amp; Video Codecs</b>	eConf can be licensed with the complete portfolio of Codecs, or any subset needed for a particular application scenario. <b>Audio codecs:</b> G.723.1, G.729, G.711 and AMR bandwidths are 3kHz TDAC24 and SCA723/7kHz bandwidths are 7kHz SCA729/7kHz bandwidths are G.729.1/7 kHz. WB-AMR/7kHz, G.722/7kHz and G.722.1/7kHz (users must acquire royalties from the consortium) <b>Video codecs:</b> H.261, H.263, H.263+ and H.264
<b>User Interfaces</b>	Each is adapted to a different application scenario: Visual Nexus solution for easy to use Windows look and feel visual collaboration SoftPhone: the most basic user interface. Black stone: is well adapted to any user environment. Standard: is a user interface used in consumer markets. Virtual desk: this interface is most appropriate for business conferencing.
<b>Available Packages</b>	A) 3 Commercial Packages are available: Softphone (Audio conference only), Standard, and Professional. B) Licensing: Per Seat, or Floating Licensing (requires a License Server)

## eConf Features

Product line :		SoftPhone	Standard	Pro
	max. bandwidth	64 kbps	< 4 Mbps	< 4 Mbps
Signaling protocol	H.323	✓	✓	✓
	SIP	✓	or ✓	and ✓
	H.324M	✓	or ✓	✓
Audio protocols / Quality	G.729 WB / 7 kHz	✓	✓	✓
	G.711 / 3 kHz	✓	✓	✓
	G.723 / 3 kHz	✓	✓	✓
	G.722 / 7 kHz	✓	✓	✓
	TDAC 24 / 7 kHz	✓	✓	✓
	TDAC 32 / 7 kHz	✓	✓	✓
	TDAC 12 / 7 kHz	✓	✓	✓
	Audio HQ / 15 kHz	✓	✓	✓
Video protocols	H.261		✓	✓
	H.263		✓	✓
	H.263+		✓	✓
	H.264		✓	✓
Video definitions	QCIF		✓	✓
	CIF		✓	✓
	Up to 4CIF & HD		✓	✓



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