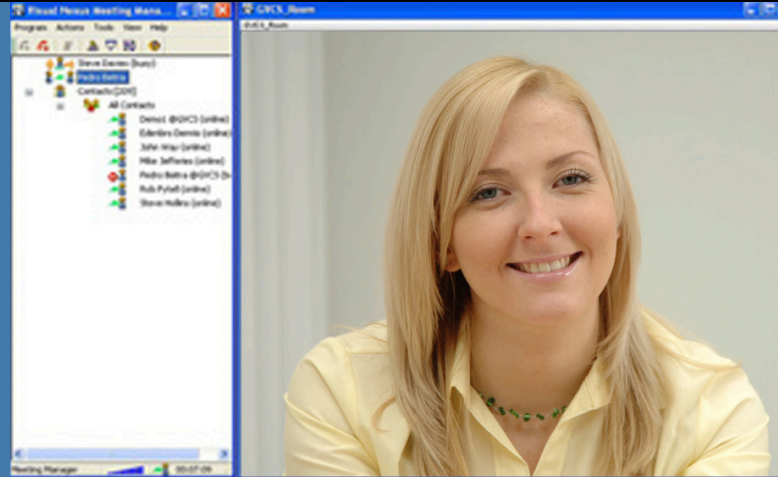# BOW
Version 4.2
System Overview

In today's business environment, it is normal to have a combination of office based and remote employees, including mobile and home workers. Added to this is a network of suppliers, outsource agents, and partners. All these people need to communicate in order to work together effectively.

BOW is a scalable, flexible and easy to use virtual meeting solution. It is a complete virtual meeting solution combining the collaboration tools of web conferencing with the face-to-face communications of video conferencing.

Solution Overview

The BOW virtual meeting solution brings an unparalleled degree of flexibility, enabling dispersed teams to work productively and organizations to explore new ways of working. BOW enables users to access face-to-face virtual meetings from both inside and outside the corporate network. In addition you can share the benefits of BOW with partners by allocating floating software licenses to them. Results, notes and other data can be shared during meetings, providing access to key data.

BOW removes the restrictions inherent in using existing room based video systems. With its intuitive user interface and low impact architecture, it eases the deployment and adoption of virtual meetings across the organisation.

Product Highlights

The BOW Meeting Server:
Manages, audio, video and data virtual meetings, providing a 'like being there' meeting experience. A powerful multipoint control unit (MCU) that can host virtual meetings with from two to thousands of participants.

The BOW Endpoint:
A Windows® software program that turns your computer into a powerful video communication device enabling face-to-face virtual meetings with data sharing and collaboration tools.

The BOW Secure Transport:
A software solution enabling video calls and collaborative conferences to securely traverse corporate firewalls and network boundaries.

BOW virtual meetings are as good as being there.
Achieve More; Travel Less.

FEATURES

VIRTUAL MEETINGS

Face-to-face virtual meetings from your personal computer or video conferencing systems.
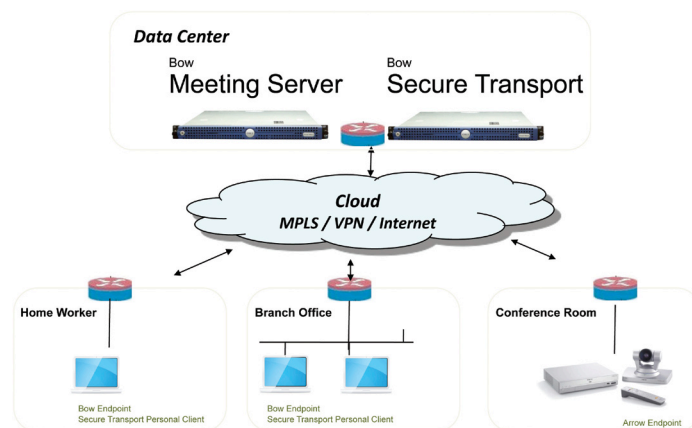
AS GOOD AS BEING THERE

You can see and hear the other participants in virtual meeting rooms from two to hundreds of colleagues. Includes all the data sharing and collaboration tools to make your meetings as productive as if you were in the same room.

USE FROM ANYWHERE

Join a meeting from a video meeting room, from home or your desk at work. All you need is a connection to the Internet.

BOW
WAN Deployment

Specifications

Meeting Server	
Protocols	H.323 V4 and above; BOW Collaboration, WebDav Document distribution
Codecs	Audio – G.711, G.722, Siren7 and 14 G.722.1 Annex C, MPEG4, TDAC24, TDAC32 Video – H.261, H.263 and H.264 (video resolution HD (720p, 1080p), VGA, W432P, CIF & QCIF)
Scalability	From 3 to tens of thousands of users in a single logical system. From 3 to 550 participants in a single meeting.
Gatekeeper	Supports H.323 registrations using H.323 alias, E.164 or IP address Multi-tenant system enabling resource to be allocated by group Virtual meeting rooms with open , chaired and lecture modes H.323 Presence Server for simple calling schemes. LDAP server integration.

Endpoint	
Protocols	H.323 v4; H.239 media channel; Powerpoint Presenting; BOW Collaboration Application Sharing
Codecs	Audio – G.711, G.722, G.722.1, G.723.1 plus TDAC24, TDAC32 Video – H.261, H.263, H.263+,and H.264 Video Streaming – MPEG, MPEG3, AVI, WMV Video resolution – QCIF, CIF, W432P, 4CIF, HD (720p)
Video windows	From 1 to 16 window images may be viewed - full screen, stretchable or fixed large, medium or small window size
Meeting manager	Integrated presence of contacts and virtual rooms - click to call. Integrated meeting controls and collaboration toolset

Secure Transport	
Protocols	H.323 v4, H.239. H.460
Interoperability	Multi vendor support - any H.323 device
Firewall/ NAT traversal	Client-server transparent tunneling model. TCP only or TCP/UDP. Group or personal clients

In our constant effort to improve solutions we reserve the right to change or modify features and specifications without notice.

FEATURES

MULTIPLE MEETING TYPES

Meetings can be:

- ad-hoc: making a call to other online users
- Scheduled: where invites are sent out to others to join a private meeting

- Moderated: where a meeting chairman decides who can speak or present
- Lecture mode: where participants only see the presenter, but the presenter can see all participants.

IN HOUSE OR HOSTED

The solution can be deployed as a private in house system or used to create a hosted service.

ADD DESKTOP VIDEO

Because BOW complies with industry standards, it can be used to add desktop and remote video to existing video conferencing systems.