

MCS DESKTOP

multimedia conferencing system ENTERPRISE



MCS Desktop Client is an efficient way to conduct face-to-face communication. It can deliver business quality desktop video conferencing from the convenience of your office, home or even when you are on the move.

MCS Desktop Client is unique when compared to any other H.323-based solution as it supports Dynamic Host Configuration Protocol (DHCP). This means that users can be invited to a conference by name rather than dialling their numbers or IP address. Users using this system can thus be mobile and still be connected to a conference anytime anywhere in the world.

BUSINESS QUALITY CONFERENCE

Built - In

NAT & Firewall Traversal Including Wireless Hotspots & 3G

With its rich features and flexible options MCS Desktop Client provides the ultimate conferencing experience. Enjoy voice and video conferencing, private and public messaging, and a professional document conferencing that lets you share and edit most file types in real time.

SPECIAL FEATURES

- ✔ Support For An **Unlimited** Number of Users
- ✔ A New **NAT & Firewall Traversal** Solution Ensures Maximum Connectivity
- ✔ Powerful **Document Conferencing** With Real-Time Sharing & Editing
- ✔ Integrated **Private & Public Messaging**
- ✔ New **Optimized** Video & Audio Architecture
- ✔ A New **Stand alone Utility** That Records Your MCS Conference
- ✔ **MCS Live Update** Ensures Your Components Are Up-to-Date
- ✔ **RSW Control Criteria** Ensures Intuitive Conferencing Experience
- ✔ Supports & Interoperates With **ITU H.323** Standard

VIDEO CONFERENCING SOLUTION



- ▶ Utilize Existing Bandwidth & Infrastructure
- ▶ Can Be Seamlessly Integrated With MCS Boardroom Client
- ▶ Extremely Easy To Setup
- ▶ Provides Global Roaming

Planting the seed for a secure
Multipoint To Multipoint
Connection



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► DESKTOP ENTERPRISE - PRODUCT DESCRIPTION

PROTOCOLS SUPPORTED

- MCS
- H.323
- Multipoint SIP

STANDARD SUPPORTED

- IPv4 for Internet Protocol
- IGMP for IP Multicasting
- Can be expanded to IPv6

VIDEO RESOLUTIONS SUPPORTED

Changeable according to client preference

- 640 x 480
- 320 x 240
- 176 x 144
- 160 x 120

MODE SWITCHING

- MCS Mode (default)
- Able to switch to H.323 Mode

FRAME RATE

Changeable according to client preference

- 1 to 40 Frame per second

MULTIPOINT VIEWING & VIDEO CONTROL

- Multiple videos of participant
- Selectable video layout during conference
- Able to stop video transmission on the fly during the conference
- Audio indicator to verify the speaker & the microphone levels
- Support fixed & floating video mode

DOCUMENT CONFERENCING

- Invoke DC when needed
- Allow sharing of Microsoft Office Suite
- Sharing & Editing Microsoft Word
- Sharing & Editing Microsoft Excel
- Share & Control Microsoft Power Point Presentation
- Share Multimedia files such as avi, asf, mov, mpg, mp3
- Share image files such as bmp, jpg
- Share other formats such PDF, Flash, Autocad Drawing (.dwg) and URLs
- Allow Document Conferencing capabilities to be delegated to other participants
- Allow saving of the shared files
- Chairman can take control of DC anytime during the conference
- Able to send & receive files among participants.

CONFERENCING SYSTEM

- Support MLIC for full multipoint to multipoint conferencing
- Runs on existing network infrastructures
- Client supports Server-2-Server Technology for Multiple Server Communication
- Client supports Reflector Technology

UTILITY

- User can set status – Busy, Away & Available
- User password changeable at client
- Live update – Support scheduling

STARTUP

- Auto- Login to Server
- Remember user password

AUDIO CODEC SUPPORTED

- Low G723
- High G722/G711U/G711A
- G729A
- PCM
- ADPCM
- GSM

VIDEO CODEC SUPPORTED

- MPEG-4
- H.261

CHAT

- Ability to use chat function on its own
- Support Global ChatSend text message to everyone in conference session
- Send private message to 1 or more person within or outside the conference

VIDEO CONFERENCING FEATURES

- Full duplex high quality video transmission
- Full duplex high quality audio transmission & reproduction
- Support multipoint to multipoint conference
- Support remote switching control criteria for multipoint
- Support ADSL/SDSL/Broadband/Wireless/Satellite connectivity
- Support global roaming features
- Able to work behind NAT
- Support audio only for bandwidth less than 30 kbps

NETWORK CONNECTIVITY

- Support TCP/IP, DNS
- Able to support multicast network
- Able to support unicast network
- Optional UDL Support
- Optional MCS Recorder Utility to record MCS Conferences

USER INTERFACE

- User friendly GUI
- Integrated Chat & Document Conferencing capabilities

USER PROFILE

- Chairman
- Participants
- Observer

AUDIO INPUT/OUTPUT

Work with existing sound card of Notebooks & Desktops

- Deliver wide frequency response
- Minimized Ambient Sound
- Minimized Backgrounds noise
- In-Line Volume Control

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