

# hydra<sup>®</sup>

## Vega Desktop Solution



### The Desktop Conferencing Solution

Extends the scope of professional videoconferencing by integrating multiple PC connections with "traditional" end-points for small group communications

### High-quality video experience

Provides a "Business quality" video experience for all participants, whether connected through a high-end conference room solution or a remote PC

### Easy-to-use

Wherever you are, it is easy to interactively participate in a professional multi-conference with just a web-cam and Internet Browser



Without the need for expensive and complex video infrastructure installations, Hydra enables videoconferencing to expand from the traditional room-based endpoints environment to the desktop scenario, providing a dynamic visual collaboration solution.

### Aethra X-line Desktop connectivity

Hydra takes advantage of the X-line's very powerful, high-quality embedded 9x MCU to provide high-end interactive video and data collaboration sessions between traditional endpoints and PCs, wherever they are located (home, office, "on your way to", ...).

### No external Gateways

The mixed embedded X-line MCU capabilities easily allow H.323, SIP and H.320 endpoints, desktops, PSTN and mobile phones to be connected in the same multi-videoconferencing session.

### Common experience for all participants

All multi-conference participants share the same features, including Voice Switching or Continuous Presence video, H.239 data collaboration and conference moderation and all participants are guaranteed a dedicated high-quality, low bit-rate audio/visual experience.

### Easy connectivity & accessibility

Hydra includes embedded firewall traversal allowing organizations to maintain their network security mechanisms while providing remote users access to multi-conferences.

### Connectivity

- Up to 6 @ 256 kbps desktop concurrent connections (8 participants in total)
- H.323, H.320, SIP, PSTN and mobile phone support in mixed mode

### Client Connectivity Modes

- Live connection (Audio, Video, Data) for interactive participants
- Interactive Data only connection (optional call back)
- Streaming mode for non-interactive participants

### Data Collaboration

- H.239 based
- (H.263+ XGA) data format compliant
- Data shared from a room system visible in all other rooms and on desktops
- Data shared from a desktop visible on all other desktops and in rooms
- Share the entire screen or specific applications

### Layout Selection

- Video or data focused
- Side-by-side video and data
- Full screen video or data

### Desktop Participant Controls

- Mute/un-mute
- Stop/start video
- Lock meeting
- Terminate meeting
- Invite room systems or phones (dial-out)
- Disconnect a participant
- Request to speak/raise hand

### Additional Features

- Buddy list (room systems and Desktops)
- Text chat with emoticons for desktop users
- "Call back my number"
- DTMF keypad

### Built-In NAT and Firewall Traversal and Security

- Traverses local and remote firewall to ensure connectivity
- Automatically handles local and remote NAT private networks
- Automatic detection of optimal media path: UDP, TCP or tunneled TCP
- SRTP encryption to ensure the privacy of media and signaling between Vega Desktop client and server

### Web Streaming functionality

- 'Watch only' participants support
- Simultaneous streaming of audio and video channels (no data)¹

### Scheduling

- Outlook plug-in for easy meeting scheduling

### Client Computer Requirements

- Operating System: Windows® XP, Windows® Vista™
- Browsers: Internet Explorer® 6 or 7

### Server Computer minimal Requirements

- Operating System: Windows® 2003 Server
- Pentium IV 2GHz
- RAM 1GB

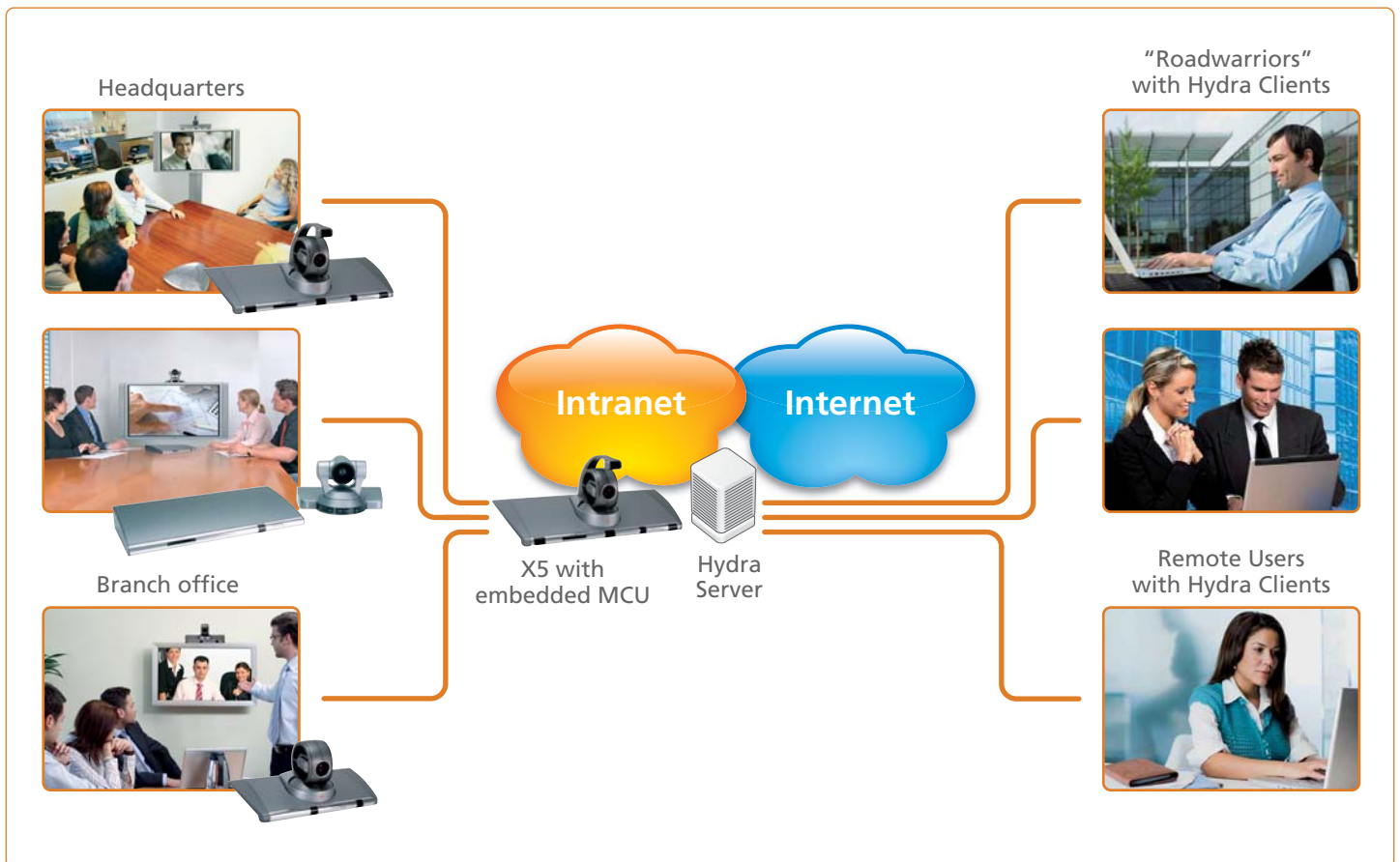
### Endpoint X5/X7 Requirements

- sw option 9X MCU
- sw release starting from 11.5.x

### Notes

1. Web streaming and Data only mode are mutually exclusive functions.

## Application scenario example



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