



MAKO-HD – The TelePresence Codec *for the hai1000 multi-stream codec system*

- Lowest latency codec available – 70 milliseconds end to end
- Up to 5 MAKO-HD encoder/decoder blades per hai1060
- High Definition 1080p, 1080i, 720p; SD 480i
- Full frame rate video – 60/50/30/25 fps
- Computer input up to WXGA (1280x768) at 60 Hz
- Dual channel encoding – 1 encoder, 2 inputs, 2 streams
- Hi-Lo streaming – 1 encoder, 2 streams of different size
- Logical multicast – 1 encoder, multiple streams/destinations



MAKO-HD
The TelePresence Codec

TelePresence

Connect multiple cameras from one executive suite directly dedicated displays in another establishing the ultimate communication system

Medical Systems

Distribute the latest HD endoscope and HD video from the OR to auditoriums, conference rooms, and even soft player environments

Interactive Broadcast

Bring interactivity and dramatic cost savings over satellite to interviews for live broadcast contribution – remove the burden of latency from talent and important guests

HD Signage

Establish simple HD head-ends to distribute live channels and signage content to centrally controlled groups of low cost HD set top boxes – reduce the cost of digital signage

Command, Control, Communication

Establish remote command centers with exact and immediate display of all HD video and computer content screens, incorporate bi-directional systems as required

House of Worship

Transmit services (camera and computer content) directly to remote churches or temporary facilities with fluid real-time interactivity with remote constituents

IPTV

Drive live HD content into industry standard H.264 HD IPTV systems for user selectable live content on set top boxes or soft players

Video Trunking

Connect campuses, studios, and facilities with multi-purpose video pipes for both uni-directional (broadcast) and bi-directional (conference/interview) applications

Flash/QuickTime Delivery

Compatible with Wowza Media Server for Flash and Darwin/QuickTime Streaming Server for QuickTime internet and soft player distribution

Military Surveillance

The highest resolution and lowest latency for HD monitoring and gathering of mission critical video information in a readily recordable format