![hai vision systems inc.]

# *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

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

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

### 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

### 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

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

### 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

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

### 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

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