

Live All Hands | IPTV | Digital Signage

Haivision Media Platform is a powerful multi-site video distribution platform for streaming live enterprise video content to employees watching anywhere inside and outside the corporate firewall, and for displaying regionally-filtered IPTV content on TV screens throughout your organization.

Secure Corporate Webcasts from Anywhere to Anywhere Executives need to share important information with all employees – from and to anywhere – and it has to look good. The Haivision Media Platform delivers a pristine viewing experience securely to every employee on all screens – without overwhelming LAN and WAN networks. With on-premise, internet, and flexible hybrid deployment video delivery options, the Haivision Media Platform makes it easy to broadcast confidential, must-not fail live events, such as all hands meetings, town halls and CEO addresses to employees based in offices around the world, working from home, or on the road.

Deliver Live IPTV Deliver live HD broadcast channels throughout the organization and give employees the ability to watch live news, sports and events as they happen. Stream breaking news or important sporting events to TVs in cafeterias, lobbies or break spaces, and even on desktop web browsers (when permitted, and based on specified location) so that employees can keep an eye on the world while they work. And with location-based permissions, you can ensure that content sharing is always in compliance with regional distribution agreements. Haivision Media Platform's centralized administration and scheduling tools control what channels employees can see – in which locations and on what screens – and when it's available.

Broadcast from Remote Locations Provide remote executives with the ability to present in high-quality from anywhere – headquarters, remote office, home office, or other important off-site locations. Haivision solutions provide the flexibility to broadcast live company updates and important presentations from anywhere with an internet connection. No matter the location, broadcast live with the Haivision Media Platform to employees anywhere so that they can feel connected during the most impactful company moments.

Secure, High Quality Experiences With Haivision Media Platform, users have a secure, single-point of authenticated access to watch live and on-demand video from their desktop, on set-top boxes, or on mobile devices – regardless of whether the content is delivered across the internal corporate network or over the public internet. The web portal player can display up to four synchronized HD sources at once (i.e., multiple different news channels, or a CEO presentation along with the full-motion presentation). Administrators can also embed a single or dual stream player directly within company collaboration portals like SharePoint and intranets websites.

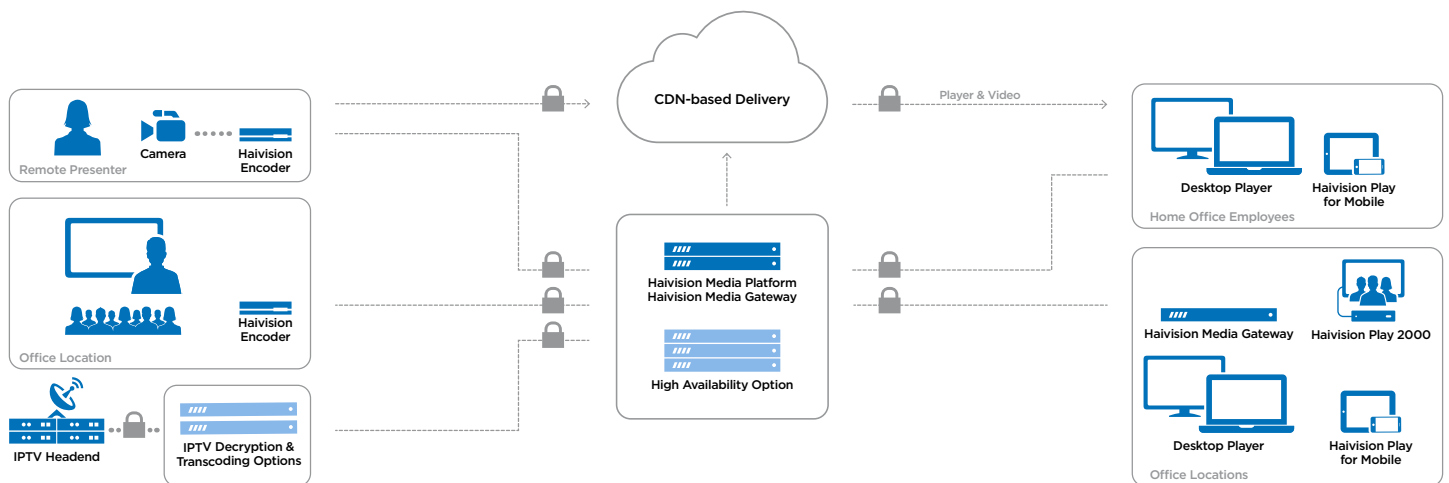
Unified Corporate Video Experience Manage and distribute all your enterprise video content through one platform including live events, IPTV, and video-on-demand. Enhance your corporate communications with branded messaging, customized locally-relevant information, and dynamic content.

FEATURES

BENEFITS

Live Webcasts to Internal and External Audiences	Broadcast live all hands and town hall meetings so that employees can watch anywhere, on any device - in the office, on the road, or when working from home.
IPTV	Deliver broadcast TV channels (ATSC and DVB) along with live internal content to every screen throughout the organization, with location filters to adhere to regional content licensing policies.
CDN-based Internet Delivery	Reach large audiences outside the corporate network leveraging 3rd party CDN-based players (such as Microsoft Stream, Kaltura, Akamai, and others), authenticated securely through the HMP portal.
Multisite eCDN Delivery	Distribute live streams and on-demand video across multiple enterprise locations via WAN & internet without overwhelming the network.
Trusted Content Security	Protect live and on-demand content from unauthorized viewing, copying, and redistribution with adherence to security frameworks and glass-to-glass AES 128/256 encryption.
Permission-Based Authentication	Support for Active Directory, LDAP and SSO ensures that administrators can provide employees and set-top boxes with authorized content.
High Availability Option	Minimize the risk of system failure and maintain uptime through an optional secure inter-server database replication and status tracking system.
Multicast/Unicast	Support for virtually any WAN/LAN infrastructure with minimal IT intervention, including standards-based support for both unicast and multicast within an HTML5-based browser delivery.
Set-Top Box Management	Centrally control and schedule when and where video is displayed on any STB-connected screen - in public areas, conference rooms, home offices, and auditoriums for group viewing.
High Quality Player	Ensure broadcast-quality viewing experiences with support for closed captioning and user-selected languages on any HMP-supported device.
Remote Contribution with SRT	Haivision video encoding and SRT video transport technologies enable live video to be streamed into Haivision Media Platform from anywhere - ensuring business continuity even when presenters are out of the office.

The Haivision Media Platform Enterprise helps securely distribute live and on-demand broadcast-quality video, such as CEO all hands, company events, HR updates, product launches and IPTV to employees watching on any screen globally - at headquarters, remote offices, home offices and on the road.





Haivision Media Platform supports Haivision Play, a series of high performance video player applications for mobile devices, desktops, managed set-top boxes, streaming media players, and Smart TVs. Haivision Play provides:

FEATURES

BENEFITS

High Quality, Low Latency Streaming

Users of Haivision Play can enjoy high quality, low latency video and audio playout.

Mobile Contribution

Turn your smart phone into a camera to stream live into Haivision Media Platform from anywhere directly with Haivision Play Mobile on iOS and Android.

Group Viewing

Stream live events to conference rooms and auditoriums with Haivision Play and Apple TV set-top boxes.

Set-Top Box Management

Haivision Play Set-Top Boxes can be easily controlled and managed with Haivision Media Platform.

End-to-End Security

Protect content from unauthorized viewing and sharing with multicast AES and encrypted HLS, delivered on platforms and appliances trusted by the world's largest financial institutions and certified on the US DOD Approved Product List.

IPTV Channels

Give your employees worldwide the ability to watch authorized IPTV channels (based on permissions and location).

Authentication and Permissions

Provide access to the content employees need across devices with SSO, Active Directory and LDAP.

Optional Haivision Media Platform Add-ons

Haivision Media Gateway (HMG) Reach satellite office locations and even external users securely and reliably with integrated eCDN capabilities. The Haivision Media Gateway scales corporate video deployment to additional locations by bridging networks, formatting and replicating streams, and caching video content. HMG is available as an appliance, as a VM, or in the cloud.

Makito X Encoder Ideal for remote video contribution and backhauling low latency live video streams between locations over the internet, managed networks or by satellite.

Haivision IPTV Transcoder Receives and transcodes streams from internal and commercial broadcast sources for secure & bandwidth efficient delivery within the Haivision Media Platform.

Professional Services Haivision's experienced Professional Services team is prepared to assist customers with nearly any streaming related challenge, including pre/post sale network consulting and system design, turnkey implementation, customized cloud hosting, training, remote system/event monitoring, event staffing, event production, and on-site badged-staffing.

The Haivision Media Platform is available as a highly secure on-premise solution (Server Appliances and/or VM Appliances), cloud (on private data centers as well as leading public clouds), and as a hybrid solution (hosted in cloud or on-prem or both), with video distribution options tailored to each unique need and network infrastructure.

HAIVISION MEDIA PLATFORM - ENTERPRISE

Standard Features:

- * 5 recording ports
- * 200 sources
- * 500 concurrent users
- IPTV channel lineups
- 608/708 Closed Captions
- User-selectable alt-language tracks
- Web-based admin & management
- Multi-stream viewing & recording
- Video-on-demand library
- Layouts
- Network file storage
- User generated content/watch-folder ingest
- User authentication with LDAP/AD/SSO
- Role-based & permissions
- Location-based permissions
- HMTL5 or Flash Player
- Embeddable External Player
- Set-top box management
- Centralized management of Set-top box certificates
- Content, system, and user activity reporting
- Haivision Media Gateway (with encryption)
- * Expandable license options available

Management Interfaces:

- Haivision Media Platform Portal
- REST API
- Command Line API
- Console UI

Audio/Video Formats:

- H.264
- AAC-ADTS Audio

Inputs:

- MPEG-2 Transport Stream
- SRT (Secure Reliable Transport)

Outputs:

- MPEG-2 Transport Stream
- SRT (Secure Reliable Transport)
- HLS (with end-to-end encryption)
- RTMP, RTMPS

HAIVISION MEDIA PLATFORM APPLIANCE

- 1RU: 42.8H x 482.0W x 808.5D (mm)
- Secure Linux-based OS
- Dual Intel® Xeon® processors
- Redundant hot-swappable power supplies 100-240 VAC
- RAID-5 configuration w/ 2.1TB (effective)
- Max Weight: 21.9 kg
- 2x GigE Base-T NIC
- 2x SFP+ (up to 10Gbps) Expansion Slots (Copper or Fiber Modules not included)
- Rated up to 1,500 Mbps (300 streams @ 5Mbps)
- Based on Dell PowerEdge R640 Rack Server

HAIVISION MEDIA GATEWAY APPLIANCE

- 1RU: 42.8H x 482.38W x 595D (mm)
- Max Weight: 13.6 kg
- Intel Xeon CPU
- 2x SFP+ (up to 10Gbps) Expansion Slots (Copper 1Gbps Module included)
- Rated up to 500 Mbps (100 streams @ 5Mbps)
- 4 x HDD RAID-5 (3T cache)
- Dual 350W HS power supplies

HAIVISION MEDIA PLATFORM VIRTUAL MACHINE

- Requires VMware VSphere ESXi 5.5 and above

HAIVISION MEDIA PLATFORM ENTERPRISE IS EXPANDABLE THROUGH LICENSING

- 2,500 user/device license packs
- 5 Recording channel packs
- High Availability Option (requires use of network storage)
- eCDN (requires Haivision Media Gateway)

HAIVISION PLAY DEVICES FOR USE WITH HAIVISION MEDIA PLATFORM:

Haivision Play 2000-B Set-Top Box

- 21H x 160W x 144.4D (mm)
- (0.83" x 6.29" x 5.69")
- Max Weight: 364g
- PoE (Type 1)
- Wall Power Optional 12V/1.5A

Haivision Play 4000 Set-Top Box

- 21.9H x 204.2W x 144.4D (mm)
- (0.86" x 8" x 5.69")
- Max Weight: 570g
- PoE+ (Type 2)
- Wall Power Optional 12V/3A

HAIVISION MEDIA GATEWAY SYSTEMS FOR REMOTE LOCATIONS (requires Haivision Media Platform with eCDN license)

HAIVISION MEDIA GATEWAY SYSTEM 100

- 100 Mbps aggregate output streaming capacity
- Small form factor appliance (optional rack-mount).
- 36H x 184W x 184D (mm) without rackmount
- Secure Linux-based OS (NIST 800-53 r.4)
- Intel CPU
- 2x GigE Base-T NIC
- 1 x HDD (400G Cache)
- External Power Supply 65W

HAIVISION MEDIA GATEWAY SYSTEM 200

- 200 Mbps aggregate output streaming capacity
- 1RU: 42.8H x 482.38W x 497D (mm)
- (1.69"H x 19" W x 19.57"D)
- Max Weight: 9.51 kg
- Secure Linux-based OS (NIST 800-53 r.4)
- Intel Xeon CPU
- 2x GigE Base-T NIC
- 2 x HDD RAID-1 (3T cache)
- Single Power 250W (fixed)

HAIVISION MEDIA GATEWAY SYSTEM 500

- 500 Mbps aggregate output streaming capacity
- 1RU: 42.8H x 482.38W x 595D (mm)
- Max Weight: 13.6 kg
- Secure Linux-based OS (NIST 800-53 r.4)
- Intel Xeon CPU
- 2x SFP+ (up to 10Gbps) Expansion Slots (Copper 1Gbps Module included)
- Rated up to 500 Mbps (100 streams @ 5Mbps)
- 4 x HDD RAID-5 (3T cache)
- Dual 350W HS power supplies

HAIVISION MEDIA GATEWAY VIRTUAL MACHINES:

Compatible with:

- VMware VSphere ESXi 5.5 and above
- Requires VMWare or NAS storage. We highly recommend using NFS for NAS storage (NAS should be on same LAN segment as HMP).

ALL HAIVISION MEDIA GATEWAY SYSTEMS/VIRTUAL MACHINES:

Stream Inputs:

- Haivision SRT Streams, including 128/256-bit encryption for live video transport between facilities
- HLS unicast streams for VOD transport between facilities
- Transport Stream

Stream Outputs:

- Haivision SRT Streams, including 128/256-bit encryption for live video transport between facilities
- HLS unicast streams for VOD transport between facilities and live streaming to local users
- Transport Stream Multicast with optional Encryption and Forward Error Correction

- Haivision Media Gateway software version 3.3
- Haivision Media Platform software version 3.3

Haivision Media Platform Product Portfolio & Ordering Information **

** For complete pricing and ordering, contact us at sales@haivision.com or your certified Haivision reseller.