# Haivision

## *Executive Briefing – Haivision Media Platform*

## Bringing Your Message to Life with Integrated Live Video, Dynamic & Data-Driven Content

Haivision appreciates the opportunity to present our video management solution to the Defense Intelligence Agency. We are confident that our history of providing the secure delivery of high-quality live-streaming video and video on demand to numerous federal agencies and the military will enable us to serve your ever-expanding video needs.

The Haivision Media Platform (HMP) is a comprehensive video solution handling live-streaming video, IPTV, video on demand, and signage all in one platform. Haivision products & solutions are use throughout the federal government including numerous US Embassies abroad. From IPTV and digital signage to site-to-site backhaul, agency-wide all-hands and public streaming, we lead the way in enterprise and broadcast-quality video workflows within the federal government.

The Haivision Media Platform was designed with the federal government and military in mind and offers end-to-end AES 256 encryption. HMP takes advantage of modern technologies like HTML 5, H.265, and a more modern security architecture.

The Haivision Media Platform holds numerous federal security accreditations including the Department of State IT Change Control Board (ITCCB certified), an active ATO with NASA, and a DIARMF certification (sponsored by the Defense Health Agency). In addition, HMP is also listed on the Department of Homeland Security's TRM and working towards several ATOs within the various sub-components of DHS.  We maintain rigorous STIG compliance on all components. HMP, also, supports single sign-on, and LDAP integration.

All of this is delivered on a system without incremental or feature-based licensing. One system, one price.  Secure, reliable, scalable and ready to go.

**KEY BENEFITS:**

- Numerous Federal Security Certifications
- Single Sign-On
- Bi-annual major feature releases (Increased ROI)
- No Reliance on Java Script

- Expanded ADA Section 508 Feature Set
- Customizable UI, Logos, and Color Scheme
- Modern Browser Based Interface
- Improved Townhall Experience
- Integrated Corporate Messaging

**STREAMLINED USER PORTAL**

With Haivision Media Platform, users can watch live and on-demand video from the portal in a web browser, displaying up to (4) synced HD sources at once (i.e., four news channels, or a commander's call and full-motion presentation). Administrators can also embed a single or dual stream player directly within company portals and intranets such as SharePoint.
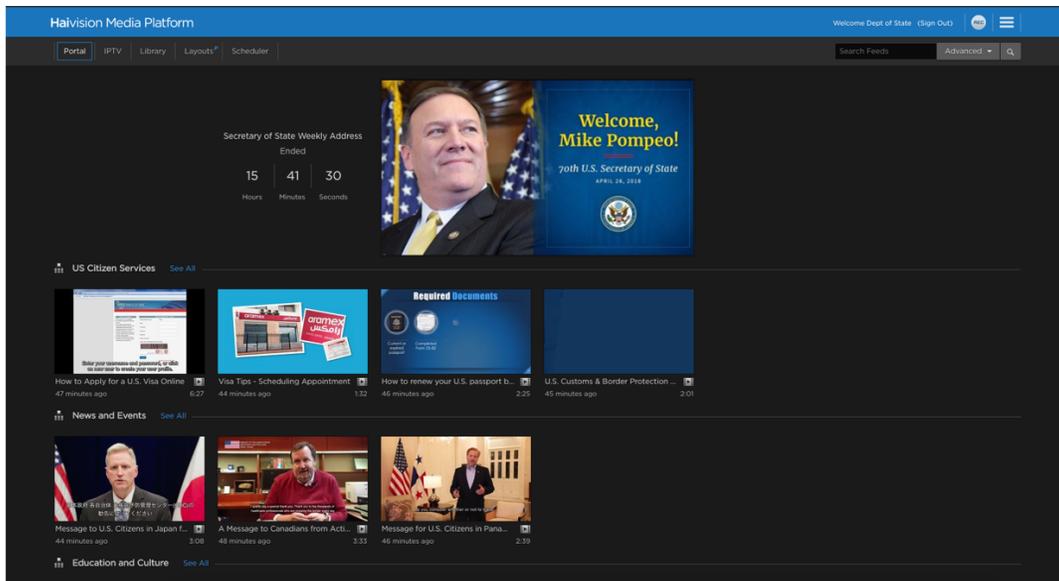


*Fig 1. The Haivision Media Platform UI (Portal View)*

**ENHANCED VIDEO ON-DEMAND**

The Haivision Media Platform offers administrators a simplified video on-demand workflow. HMP supports simulation training with a powerful multi-source recording engine so that your participants can gather multiple viewpoints to watch live or for later assessment. Archived recordings can be easily retrieved thanks to the Haivision Media Platform's rich metadata tagging and search capabilities.
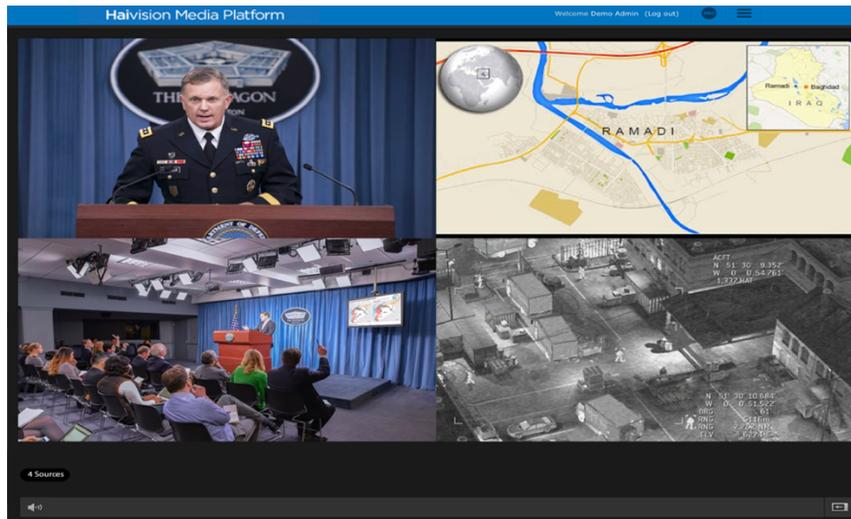
*Fig 2. The Haivision Media Platform UI (Multi-Source Session)*

In addition, HMP's Public Links feature will create a unique URL/iFrame for any video allowing administrators to easily send links to training videos in e-mails or embed the video in SharePoint.

**LAYOUTS**

Haivision will be previewing a new feature into the Haivision Media Platform. This new Layouts feature will offer basic corporate messaging capabilities and will be included in the HMP – Enterprise Edition at no additional cost. Layouts initial capabilities will include the ability to creating multiple regions of content, create playlists for these regions, and the ability to embed HTML content
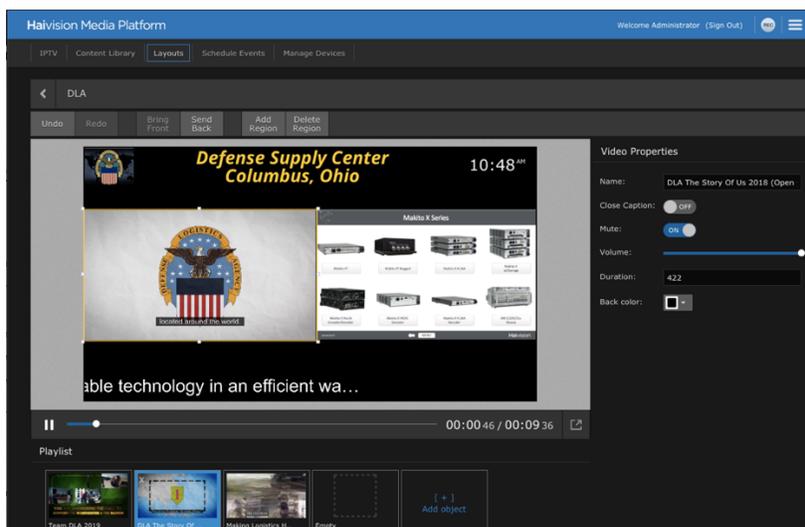

*Fig 3. The Haivision Media Platform – Sample Layouts Feature*

**USE CASE – Live Agency Wide Townhalls**

The Haivision Media Platform will distribute single or multiple live video streams to Mac/PC browsers, iOS/Android (via the Play Pro App), and Haivision Play centrally managed set top boxes. Our eCDN architecture allows for multicast and/or unicast delivery on a local LAN and encrypted single unicast delivery across WAN links. This eCDN architecture dramatically reduces the WAN bandwidth needed to deliver live and VoD content across the enterprise.

Another key benefit from Haivision is the ability to have local stream origination from any location on the LAN, WAN or even public internet using our open source encrypted SRT communication protocol. This can dramatically increase the reliability of remotely produced events from anywhere.

**USE CASE – Multisite Video on Demand**

The Haivision Media Platform's eCDN architecture will improve end user video on demand viewing experiences as well. The local eCDN gateways that will be present in each location/region will have local caching for VoD content. When a user selects a video on demand asset from the portal, content library or embedded player that content will play from the local gateway and eliminate the video traffic from across the WAN link to the main HMP instance.

For additional information, please contact me at your convenience. Thank you in advance for your consideration.

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