



IPTV Media System

The Furnace™ IPTV media system provides a complete ecosystem to deliver live and on-demand broadcast video and media content to every desktop, monitor and digital signage display throughout your organization. With management tools to view and control the content that your audience sees, Furnace is ideal for distributing secure video.

Distribute Your Content Anywhere

With many distribution options over secure multicast, Furnace helps you get your media content where your audience needs it most:

- **On desktops:** Haivision's InStream "zero install" player for both live and on demand viewing is browser-independent and lets viewers access up to 64 channels of content on their desktop.
- **In public and office areas:** Haivision's Mantary and Stingray set-top boxes get your live and on-demand content to monitors and displays throughout your facility.
- **To digital signage displays:** Haivision's CoolSign player integrates with Furnace to deliver live video mixed in with your digital signage content.

Centralized IPTV Management

The Furnace IPTV system gives administrators full control to push specific channels to individual users and groups viewing from their desktops. Administrators can also distribute specific content to set-top boxes connected to monitors and screens throughout a facility. Each viewer's or group's IPTV experience can be set up on-the-fly or planned for with pre-set schedules for content. The viewing experience is tailored to a user's authentication and administrators can view reports to monitor user activity.

Secure Distribution

When distributing broadcast channels or confidential information, the Furnace's end-to-end AES encryption ensures that your content is not copied and distributed without authorization. Support of user and group authentication allows content to be made available to select audiences only.

Electronic Program Guide Support

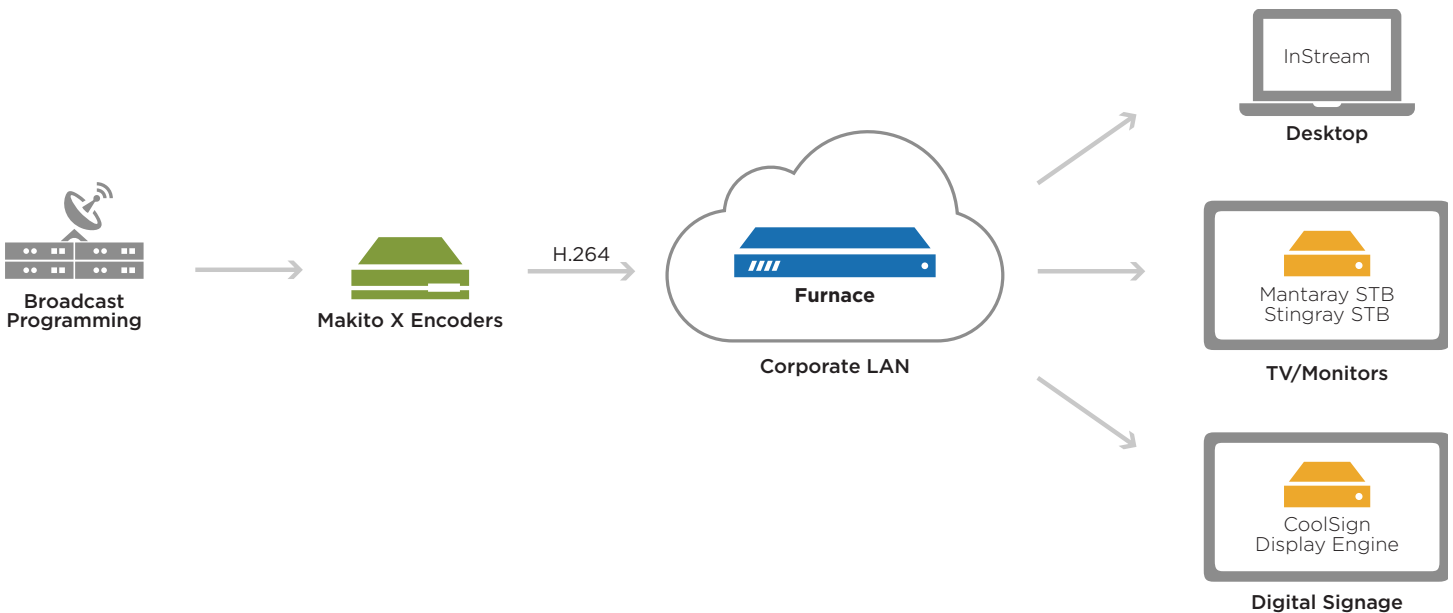
Haivision provides Electronic Program Guide (EPG) data to give your IPTV viewers, on both desktops and displays, menus showing broadcast programming and scheduling information for current and upcoming content.

Features

Benefits

End-to-end AES encryption	100% secure IP video streaming for content protection
Detailed reporting	Capture detailed user data - who watched what, when, and how
"Zero Install" InStream player	Minimizes burden on IT - no endpoint software to install - no upgrades
Cross-platform player	Browser independent player experience for Mac, Windows, and Linux
User authentication	Provides security and a customized user experience
Command and control	Central control for all screens, such as turning on/off players, sending emergency messaging, and more
Closed captioning support	Display 608/708 closed captioning (CC) standards to set-top-boxes and desktops

FURNACE BASE	FURNACE ADVANCED	1RU
<p>Management Interfaces: Furnace Portal Server</p> <p>Features: Up to 150 Mbps VOD AES encryption on delivered streams Usage reporting Storage options Scheduled network video recording (optional)</p> <p>Inputs: MPEG-2 transport stream</p> <p>Video: SD/HD MPEG 1, 2, 4, H.264</p> <p>Audio: MPEG-1 Layer II MPEG-2/MPEG-4 AAC</p> <p>Outputs: Multicast/unicast AES encrypted Compliant transport streams</p> <p>Platform: Secure Linux based OS</p> <p>Hardware Platform: Haivision optimized server platform (2RU) Up to 10 TB per system Network Interface: 4 port 10/100/1000BaseT Ethernet</p>	<p>Management Interfaces: Furnace Portal Server</p> <p>Features: Up to 300 Mbps VOD AES encryption on delivered Streams Usage reporting Storage options Scheduled network video recording (optional)</p> <p>Inputs: MPEG-2 transport stream</p> <p>Video: SD/HD MPEG 1, 2, 4, H.264</p> <p>Audio: MPEG-1 Layer II MPEG-2/MPEG-4 AAC</p> <p>Outputs: Multicast/unicast AES encrypted Compliant transport streams</p> <p>Platform: Secure Linux based OS</p> <p>Hardware Platform: Haivision optimized server platform (1RU + 2RU) Up to 10 TB per system Network Interface: 4 port 10/100/1000BaseT Ethernet</p>	<p>Height: 42.8mm (1.69")</p> <p>Width: 482.4mm (18.99") (includes rack flange)</p> <p>Depth: 642.3mm (25.29") (with redundant PSU)</p> <p>Weight (maximum config): 19.9kg (43.87lbs)</p> <p>Power Supplies: 2x550W hot swappable power supplies</p> <p>Supply Voltage: 100-240VAC</p> <p>2RU</p> <p>Height: 87.3mm (3.44")</p> <p>Width: 482.4mm (18.99") (includes rack flange)</p> <p>Depth: 723mm (28.46")</p> <p>Weight (maximum config): 32.5kg (71.65lb)</p> <p>Power Supplies: 2x750W hot swappable power supplies</p> <p>Supply Voltage: 100-240VAC</p>



Furnace Product Portfolio & Ordering Information **

Furnace Base	S-VFB-100	Single appliance systems, available for live only or with up to 100 Mbps of VOD
Furnace Advanced	S-VFADV-300	Dual appliance systems, available for live or with up to 300 Mbps of VOD
Mantarray Set-Top Box	S-VF-MANTA	1080p30 HD, XGA, H.264 SD & MPEG 2/4 - HDMI, Composite, Component and VGA Outputs - InStream viewer, EPG
Stingray Set-Top Box	S-VF-STING	MPEG 1/2/4, H.264 SD, HD & XGA - HDMI, Composite and Component Outputs, dual network ports - InStream viewer, EPG
CoolSign Display Engine platform.	S-CS-P-DE2	Access license and software, operating system, required drivers and codecs, and a compact signage hardware
Electronic Program Guide	EPG	Data service available with purchase of annual maintenance & support program

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