

**WHY  
CHOOSE  
US?**

## Powering the Future of Broadcast with ATSC 3.0

### 24/7 Health Portal Access

#### Real Time TV Analytics

Channel viewership analytics, Show analytics, Ad analytics. Real time viewership information.

#### Real Time Monitoring

Encoder monitoring  
Delivery monitoring  
Broadcast monitoring

#### Automatic Video Messages

Customizable video messages played on out-of-region, VPN, or other errors.

#### Integrates with...

Harmonic XOS  
Ateme TitanLive  
Synamedia vDCM

### ATSC 3.0 Technology

- All sub-channels can now be delivered to ATSC 3.0 televisions with minimal lighthouse bandwidth.
- Backed by a CDN designed for the Broadcast Industry.

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#### Heartland Video Systems

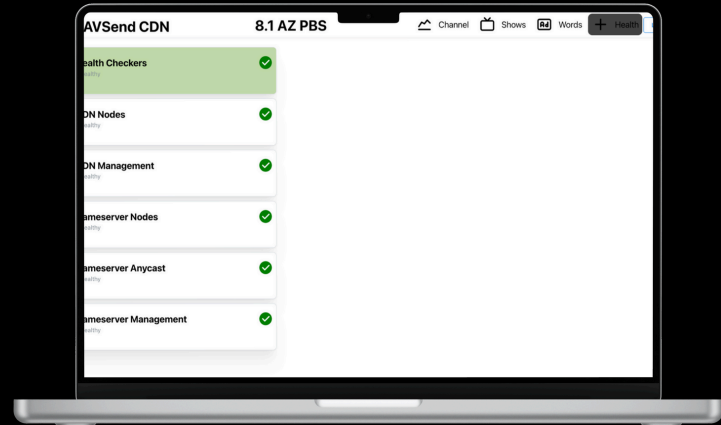
(920)893-4204  
www.hvs-inc.com

## CDN Monitoring

- CDN end to end health monitoring.
- 24/7 Health Portal Access.

## Data Analytics

- Interactive real time portal.
- Channel viewership insight.
- Show viewership and trends.
- Advertising reports with viewership.
- Offer partners in-depth insights into their campaigns.
- Elevate your advertising appeal.



## WebDAV Upload

- Support for dual-redundant encoders with dual-redundant WebDAV uploads per encoder.
- Encoder health monitoring with automatic failover. Upload supported through internet or direct peering.
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## In-DMA Protection

- The DASH Manifest serves as the first layer of in-DMA protection, exclusively delivered via broadcast.
- AV Send CDN blocks broadband delivery of the manifest.
- Enhanced DMA enforcement is available with IP location validation.
- Cloud and VPN blocking available.
- ASN management to block/allow IP ranges affiliated with an organization.

## High Bandwidth Connectivity

- Deployment optimized for each DMA.
- 100 Gbps servers and high-speed network infrastructure.