



## Integrated Digital Signage & IP Video for the Enterprise

**Simplicity for Corporate Networks** CoolSign™ is designed to make planning, scheduling, distributing and monitoring media an easy, quick and accurate process. CoolSign combines extremely powerful and field-proven administrative tools for control, automation, and data integration with a simple, elegant, and device independent content management approach for local screen content contributors. CoolSign makes ingesting, assigning, and adjusting content delivery across your network a simple and repeatable process.

**Integrated Signage & Full Motion IP Video** A basic challenge in most corporate and campus signage networks is to incorporate live video content. The delivery of broadcast content as IP multicast throughout a facility must adhere to the basic requirements of your content provider - usership must be controlled and the content must be secure to prevent copying. CoolSign, integrated with Haivision's Furnace enterprise IPTV platform, is unique in satisfying this fundamental copyright requirement. CoolSign can display secure broadcasts or Internet streams within any region or full screen. Additionally, the Furnace system is ideal for transmitting your signage content as one of its IP video channels viewable on any device.

**Integrated Dynamic Data** CoolSign has extremely powerful dynamic data capabilities within its DataWatcher™ module. With DataWatcher you can assign virtually any source data to specific players for rendering at the player level. By centrally ingesting the data, it can be monitored, secured, and given a controlled lifespan within your dynamic templates. With DataWatcher, data is automatically distributed throughout your CoolSign network without the need to configure each individual player (and the network) to access remote feeds.

**Network Scalability** Designed as a true enterprise-grade platform, CoolSign accommodates any available network connectivity and scales within your facility or across endpoints globally. CoolSign extends across any network with scheduled content distribution, load balancing, granular health management, and alerts.

### Product Features

### Product Benefits

|                                       |  |
|---------------------------------------|--|
| <b>Performance media player</b>       | Full-featured CoolSign™ Display Engine   |
| <b>Powerful graphics processing</b>   | Smooth crossfades, transitions, and tickers  |
| <b>Advanced scheduling</b>            | Weighted approach to delivering content  |
| <b>Integrated IP video</b>            | Support for both local and Internet video streams  |
| <b>Highly scalable architecture</b>   | Confidently extend your signage to thousands of endpoints                                |
| <b>Data acquisition</b>               | Drive content automation from internal and external sources                              |
| <b>Multi-layer content support</b>    | Design compelling graphics   |
| <b>Simple contribution interfaces</b> | Assign local content control to administrators   |
| <b>Furnace integration</b>            | Deliver content as channels to desktops & STB's  |
| <b>Web-based management platform</b>  | Front-line personnel can upload, manage, and distribute content from any platform/device |
| <b>Global content distribution</b>    | Deliver content to remote players and mobile devices globally                            |
| <b>Low latency streaming</b>          | Deliver live IP video content in real-time to your audience, without delay               |

**COOLSIGN SERVER (S-CS-SRV-x)  
HARDWARE SPECIFICATIONS**

*Operating System:*  
Windows Server 2008 R1 64 bit  
*Processor:* Core i3-2100 3.1 GHz  
*RAM:* 4 GB  
*Hard Drive:* 160 GB  
*Power:* 320W  
*Operating Temp (range):* 5C - 35°C (41 - 95°F)  
*Operating Humidity (range):* 5 - 95% (non-cond.)  
*Dimensions:*  
44.45mm H x 482.6mm W x 381mm D  
1.75"H X 19"W X 15"D  
*Weight:* 9.07kg (320oz.)  
*MTBF:* 50,000 hours

**COOLSIGN SERVER (SW-CS-SRV-x)  
MINIMUM HARDWARE REQUIREMENTS**

**Base Server (50-200 Nodes)**  
*Operating System:*  
Windows Server 2008 R2  
*Processor:* Intel Dual Core Xeon 3 GHz  
*RAM:* 4 GB or greater  
*Hard Drive:* SATA RAID 5, 4x80 GB, 10K RPM

**Mid-Range Server (200-1000 Nodes)**  
*Operating System:*  
Windows Server 2008 R2 64-Bit  
*Processor:* Intel Quad Core Xeon 3 GHz  
*RAM:* 8 GB or greater  
*Hard Drive:* SATA RAID 5, 4x80 GB, 10K RPM

**Premium Server (1000-1500 Nodes)**  
*Operating System:*  
Windows Server 2008 R2 64-Bit  
*Processor:* 3 x Intel Quad Core Xeon 3 GHz  
*RAM:* 12 GB or greater  
*Hard Drive:* SATA RAID 5, 4x160 GB, 10K RPM

**COOLSIGN DISPLAY ENGINE (SW-CS-PALx)  
MINIMUM RECOMMENDED HARDWARE**

*Operating System:*  
WES 2009 (Windows XP SP3) or WEE (Windows 7 Pro)  
*Processor:* Intel Core 2 Duo T6600 2.20 GHz  
*RAM:* 2 GB DDR3 1066 SODIMM  
*Hard Drive:* 60 GB  
*Graphics:* GeForce 9300, HDMI Port and/or VGA Port  
*LAN:* 10/100 Mbps or Gigabit Ethernet  
*Serial:* RS-232

**COOLSIGN DISPLAY ENGINE (S-CS-P-DE2)  
FEATURES**

MPEG 1, 2, 4, H.264 support  
WMV, AVI support  
MOV, MP4 support  
JPG, GIF, BMP, PNG support  
PSD support  
MP3 support  
HTML support (including HTML5)  
Flash support  
Capture Card support  
Streaming support (TS, RTMP, HLS)  
Dynamic Data support including tickers  
Multiscreen support  
Support for 1080p60 video  
Interactivity support  
Advanced scheduling support  
Multicast support (file distribution)  
Real time feedback  
Playlog support  
Remote upgrade  
RS-232 control of other devices  
Vistar Media content support

*Operating system:* Win7 Embedded  
*Processor:* i3 NUC 1.8 GHZ  
*RAM:* 4 GB  
*Storage:* 60 GB mSATA SSD  
*Graphics:* Intel HD Graphics 4000 with 128 MB of onboard RAM  
*LAN:* Gigabit Ethernet 10/100/1000  
*Operating temperature:* 0 - 50°C (32 - 122°F)  
*Operating humidity:* 5% - 95% (relative; non-cond.)  
*Mounting:* Brackets included  
*Built-in Wi-Fi:* None  
*USB interface:* 4 x USB 2.0  
*Audio/video output:* 2 x HDMI  
*Audio output:* HDMI  
*Built-in power supply:* AC 100 - 240V  
*Dimensions:* 41mm H X 165mm W X 108mm D  
*Dimensions:* 1.625"H X 6.5"W X 4.25"D  
*Weight:* 3 lbs. (1.36 kg)



CoolSign Display Engine

**CoolSign Product Portfolio & Ordering Information \*\***

|  |             |   |
|--|-------------|---|
| CoolSign Network Server                | S-CS-SRV-x  | 1U server. Supports a various number of player connections (depending on option), unlimited Network Managers & Content Creators, full n-Tier architecture with unlimited transfer servers, includes all DataWatcher & integration API.                |
| CoolSign Server Software               | SW-CS-SRV-x | Supports a various number of player connections (depending on option), unlimited Network Managers & Content Creators, full n-Tier architecture with unlimited transfer servers, includes all DataWatcher & integration API. Software only.            |
| CoolSign Display Engine                | S-CS-P-DE2  | CoolSign Display Engine is a digital signage player for CoolSign, supporting streaming video; includes player access license and software, operating system, required drivers and codecs, and a compact signage hardware platform (dual HDMI Output). |
| CoolSign Display Engine Access License | S-CS-PALx   | CoolSign Display Engine access player license for CoolSign Server system. Software license only.  |

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