

CoolSign

**INTEGRATED DIGITAL SIGNAGE &
IP VIDEO FOR THE ENTERPRISE**

Haivision



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

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

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**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 2003/2008 R1
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 R1 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 R1 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: 2 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.