



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 content management approach. CoolSign makes content delivery across your network a simple and repeatable process.

Integrated Signage & Full Motion IP Video A 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 unauthorized duplication. CoolSign, integrated with Haivision's IPTV Furnace media system, is unique in satisfying this fundamental copyright requirement. CoolSign can display secure broadcasts or internet streams within any region or full screen.

Expand your Enterprise IPTV and EVP System Use CoolSign as an input to the Haivision Media Platform or Haivision IPTV Furnace media system and transmit your signage content as a live feed to any compatible client device.

Integrated Dynamic Data CoolSign's DataWatcher module boasts powerful dynamic data processing capabilities. The DataWatcher module provides users with control over their data and how it's presented. It allows for any source data to be rendered at the player level, and with support for centrally ingesting data, feeds can be monitored, secured and assigned timed lifespans within dynamic templates. The result is data that is automatically distributed throughout your CoolSign network without having 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	Set the date, time, and frequency in which content appears on displays
Integrated IP Video	Support for both local and internet video streams
Highly Scalable Architecture	Confidently extend your signage to thousands of endpoints; remote players & mobile devices globally
Data Acquisition	Drive content automation from internal and external sources
Multi-layer Content Support	Design compelling graphics
Furnace & Haivision Media Platform	System integration allows for delivery of content as channels to desktops & set-top boxes
Web-based Management Platform	Front-line personnel can upload, manage, and distribute content from any platform/device
Low Latency Streaming	Deliver live IP video content in real-time to your audience, without delay
Display Control	Control displays through CoolSign Players

COOLSIGN SERVER (S-CS-ADV-SRV-X) HARDWARE SPECIFICATIONS

COOLSIGN SERVER APPLIANCE:

Windows Server 2012 R2 64 bit
1RU: 42.8 H x 482.38 W x 646 D (mm)
(1.69" H x 18.99" W x 25.43" D)
Intel CPU
2 NIC (10/100/1000) Ethernet
2 x HDD RAID-1
Dual 350W HS power supplies

COOLSIGN SERVER (SW-CS-SRV-X) MINIMUM HARDWARE REQUIREMENTS

Base Server (50-200 Nodes)

Windows Server 2008 R2 and 2012 R2
Processor: Intel Dual Core Xeon 3 GHz
RAM: 8 GB or greater
Hard Drive: SATA RAID 5, 4x80 GB, 10K RPM

Mid-Range Server (200-1000 Nodes)

Windows Server 2012 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)

Windows Server 2012 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 3 (APPLIANCE)

Windows 7 Embedded or Windows 10 IoT Enterprise based on SKU
Intel i3 Dual Core 2.3GHz
RAM: 4 GB
Storage: 64 GB 2.5" MLC SSD
Intel HD Graphics 520
2x Gigabit Ethernet 10/100/1000
Operating temperature: 0 - 40°C (32 - 104°F)
Operating humidity: up to 95% @ 40°C (non-cond.), operating
Mounting: Brackets included
USB interface: 4 x USB 3.0
Audio/video output: 2 x HDMI 1.4a
Audio output: 1x (SPDIF/Line-out/Mic-in)
Power Adapter: 19 VDC, 100-240 VAC power adapter provided
Dimensions (without brackets):
19mm H X 180mm W X 190mm D (0.75" H X 7.09" W X 7.48" D)
Dimensions (with brackets):
22mm H X 212.4mm W X 190mm D (0.87" H X 8.36" W X 7.48" D)
Weight: 1.92 lbs (0.87 kg)

COOLSIGN ADPLAYER SOFTWARE (SW-CS-PALX) MINIMUM RECOMMENDED HARDWARE

(Windows 7 Pro) or Windows 8.1 or Windows 10 (Pro, IoT, Enterprise editions)
Intel Core 2 Duo T6600 2.20 GHz
RAM: 4 GB DDR3 or higher
Storage: 60 GB HDD
Graphics: All features must be fully supported by Windows OS
LAN: 10/100 Mbps or Gigabit Ethernet
Serial: RS-232

COOLSIGN DISPLAY ENGINE 3 (S-CS-P-DE3-W7/10) FEATURES

COOLSIGN ADPLAYER INPUTS/OUTPUTS

MPEG 1,2,4, H.264
WMV, AVI
MOV, MP4
JPG, GIF, BMP, PNG support
PSD support
HTML5 support (no plug-ins)
Adobe Flash (plugin required)
608/708 Closed Captions (in transport stream)
Alternative audio track/language (up to 16 in transport stream)
Streaming support (TS, RTMP, HLS)
Dynamic Data support from URLs (including XML and JSON), Files, FTP locations, and SQL and ODBC sources
Multiscreen support (per graphics card)
Support for 1080p60 video
Interactivity support (external devices require Windows OS support)
Advanced scheduling
Multicast support (network-dependent)
Real time feedback
Playlog support
RS-232 control of other devices
Vistar Media content support
Adplayer remotely upgradeable via server

CoolSign Display Engine



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CoolSign Product Portfolio & Ordering Information **

CoolSign Network Server S-CS-ADV-SRV-xx

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-DE3-W10 S-CS-P-DE3-W7

CoolSign Display Engine 3 (Win 10 or Win7) - digital signage player supporting streaming video; includes player access license and software, operating system (Windows 10 IoT recommended or Windows 7 Embedded), 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.