CoolSign Network Server – Quick Start Guide

The CoolSign Network Server (CNS) system combines the functionality of a CoolSign Network Controller and CoolSign Kodak Adapter in a single device.The Network Server system comes pre-loaded with all of the tools needed to manage a digital signage network.

For detailed information, please refer to the associated CoolSign product documentation, available through our Download Center at http://www.haivision.com/download-center/.

Prerequisite

A separate Windows PC or laptop is required to run the Network Manager, Content Creator and other CoolSign applications.

What's in the box?

- 1x - CoolSign Network Server system
- 1x - Power cord
- 1x - Mounting rail set

Setting up the CoolSign Network Server

Hardware Installation:

1. Unpack the box and position the hardware.
2. Connect the CoolSign Network Server (CNS) to a display/monitor using a VGA cable (not included).
3. Connect the CNS to your network using an Ethernet cable (not included).

    NOTE   The CNS will, by default, request an IP address from a DHCP server on your network. The CNS host name should be added to the DNS list. Players should be pointed to the CNS host name (and NOT its IP address). If you don't have DHCP on your network, you will need to plug a keyboard, mouse, and monitor into the CNS and assign a static IP address.

4. Plug the power cord into the CNS.
5. Push the power button on the front of the CNS (the LED will turn blue).

Software Installation and Setup:

1. Install the CoolSign Network Manager and the CoolSign Content Wizard on your PC.

    NOTE   These applications are used over the network to control and import content to your CoolSign Network Controller. Both are available from http://www.haivision.com/download-center/
    For installation procedures, please refer to the CoolSign documentation.

2. Launch the CoolSign Network Manager and connect to the network called "CoolSign Network" using the default username and password (admin/password).
3. Using the CoolSign Content Wizard, add the desired content to the Network Controller.
4. From the CoolSign Network Manager, set up the desired channels, playlists, regions, and so forth.

For more information, see the *CoolSign Installation Manual*.

CoolSign Stand-Alone Player – Quick Start Guide

The CoolSign Stand-Alone Player (SAP) combines the functionality of a CoolSign Network Controller and CoolSign Player in a single device, allowing customers to obtain digital signage capability at a modest price. The SAP provides the necessary tools to manage high quality digital signage content on a single display device, such as a flat panel monitor.

For detailed information, please refer to the associated CoolSign product documentation, available through our Download Center at http://www.haivision.com/download-center/.

Prerequisite

A separate Windows PC or laptop is required to run the Network Manager, Content Creator and other CoolSign applications.

What's in the box?

- 1x - CoolSign Stand-Alone Player
- 1x - Power cord
- 1x - Mounting bracket set

Setting up the CoolSign Stand-Alone Player

Hardware Installation:

1. Unpack the box and position the hardware.

2. Connect the CoolSign Stand-Alone Player (SAP) to a display/monitor using an HDMI or VGA cable (not included).

3. Connect the SAP to your network using an Ethernet cable (not included).

   NOTE   The SAP will, by default, request an IP address from a DHCP server on your network.

   Also, if you don't have DHCP on your network, you will need to plug a keyboard, mouse, and monitor into the Stand-Alone Player and assign a static IP address.

4. Plug the power cord into the SAP.

5. Push the power button on the front of the SAP (the LED will turn blue).

Software Installation and Setup:

1. Install the CoolSign Network Manager and the CoolSign Content Wizard on your PC.

   NOTE   These applications are used over the network to control and import content to your CoolSign Network Controller. Both are available from http://www.haivision.com/download-center/. For installation procedures, please refer to the CoolSign documentation.

2. Launch the CoolSign Network Manager and connect to the network called "StandAlone_Root" using the default username and password (admin/password).

3. Using the CoolSign Content Wizard, add the desired content to the Network Controller.

4. From the CoolSign Network Manager, set up the desired channels, playlists, player regions, and so forth.

   For more information, see the *CoolSign Installation Manual*.

Integrating CoolSign into a CoolSign Installation Using a Makito-DVI

The CoolSign Stand-Alone Player (SAP) can be combined with a Makito-DVI Encoder, allowing customers with an existing CoolSign IP Video System to add digital signage capability at a modest price. The combination provides the necessary tools to manage and stream high-quality digital signage content to desktop players, set-top boxes, and other devices in a Furnace ecosystem.

For detailed information, please refer to the associated Furnace, Makito, CoolSign, and Stingray product documentation, available through our Download Center at http://www.haivision.com/download-center/.

Prerequisites

You must have either an advanced CoolSign portal server, or a basic CoolSign portal server (which currently supports less than 20 encoders) installed and functioning on your network.

A separate Windows PC or laptop is required to run the Network Manager, Content Creator, and other CoolSign applications.

Setting up the SAP and Makito-DVI

Hardware Installation:

1. Unpack the box and position the hardware.

2. Connect the CoolSign Stand-Alone Player (SAP) to the Makito Encoder using an HDMI or VGA cable and the appropriate adapter to DVI (*not included*).

3. Connect both the SAP and the Makito Encoder to your network using two Ethernet cables (*not included*).

   NOTE   The SAP will, by default, request an IP address from a DHCP server on your network. The Makito, however, has a default static IP address that must be changed to one that is suitable for the network on which it will be used. Please refer to the Makito *User's Guide* for instructions.

   Also, if you don't have DHCP on your network, you will need to plug a keyboard, mouse, and monitor into the Stand-Alone Player and assign a static IP address.

4. Plug the appropriate power cords into the Makito Encoder and the SAP.

5. Push the power button on the front of the SAP (the LED will turn blue).

CoolSign Software Installation:

1. Install the CoolSign Network Manager and the CoolSign Content Wizard on your PC.

   NOTE These applications are used over the network to control and import content to your CoolSign Network Controller. Both are available from http://www.haivision.com/download-center/. For installation procedures, please refer to the CoolSign *CoolSign Network Manager Installation Manual*.

Makito Setup:

1. Follow the instructions in the Makito documentation to set up streaming from the Encoder.

Furnace Setup:

1. Open a Web browser and sign in to the Furnace Administrative Tools portal.

2. From the VF ADMIN > SERVER MANAGER page, invite the Makito Encoder into your realm.

3. From the VF STATION MANAGER > STATION EDITOR page, create a channel for the Makito Encoder.

4. From the VF STATION MANAGER > LINEUP EDITOR page, add the channel for the Makito Encoder to an active lineup.

5. If necessary, grant the appropriate group access to the Makito DVI channel from VF ADMIN > GROUP ADMINISTRATION.

   For more information, see the *Furnace Administration Guide.*

CoolSign Setup:

1. Launch the CoolSign Network Manager and connect to the network called "StandAlone_Root" using the default username and password (admin/password).

2. Using the CoolSign Content Wizard, add the desired content to the Network Controller.

3. From the CoolSign Network Manager, set up the desired channels, playlists, player regions, and so forth.

   For more information, see the CoolSign *Network Manager User's Guide.*

Encoder Configuration:

1. Using VF Pilot, configure the Makito Encoder for DVI-I Input, and select the desired Video Resolution, Stream Bit Rate, and Frame Rate.

   For more information, see the *Furnace Administration Guide*.

Begin Content Display:

1. Open a new browser and launch VF InStream.

2. Tune to the Makito DVI encoder channel, and verify that the appropriate content is playing.

   For more information, see the *Furnace Administration Guide*.

CoolSign Personal Demo Server – Quick Start Guide

The CoolSign Personal Demo Server (PDS) combines the functionality of a CoolSign Network Controller and CoolSign Kodak Adapter in a single device. The PDS comes in a kit that gives certified resellers the necessary tools to demonstrate the manageability of high-quality digital signage content on multiple devices, such as flat panel monitors or KODAK Digital Picture Frames.

Prerequisites

- A separate PC or laptop with a supported Windows operating system is required to run the CoolSign Network Manager and CoolSign Content Creator applications. These applications are used to control and import content to your CoolSign Network Controller. Both are available from http://www.haivision.com/download-center/ (login required).
- A monitor/display or digital picture frame (not included).

  NOTE: For resellers interested in adding a CoolSign-enabled Kodak Digital Frame to their demo kit, please contact sales@haivision.com.

What's in the box?

The CoolSign (PDS) kit consists of the following:

- 1x - CoolSign Personal Demo Server
- 1x - CoolSign Player
- 1x - HP 8-port Ethernet switch
- 2x - power cords, with 1x - power strip

Important Information

The CoolSign PDS Server is licensed with five (5) Player Access Licenses and includes the CoolSign Datawatcher Module.

Power Requirements

All hardware in the CoolSign PDS kit meets the following power requirement: 100-240 V, 50-60 Hz.

IP Addresses and Login Credentials:

CoolSign PDS Server	CoolSign Player	Demonstrator PC	CoolSign Network Manager
IP: 10.1.50.60 **Subnet:** 255.255.255.0	**IP:** 10.1.50.61 **Subnet:** 255.255.255.0	**IP:** 10.1.50.60 **Subnet:** 255.255.255.0	**Network:** StandAlone_Root **Username:** admin **Password:** password

Setting up the CoolSign Personal Demo Server Kit

Physical Installation

1. Unpack the hardware and position it on a desktop.

2. Connect the included power strip to a power source.

   NOTE: International clients must plug the power strip into a universal travel adapter before plugging into a power source.

3. Connect the CoolSign Personal Demo Server (PDS) and CoolSign Player to the HP 8-port switch using Ethernet cables (not included).

4. Plug a power cord into the PDS, then into the power strip. Press the power button on the back of the unit to turn it on (the LED will turn green).

5. Plug a power cord into the CoolSign Player, then into the power strip. Press the power button on the back of the unit to turn it on (the LED will turn blue).

6. Connect the Demonstrator's PC or laptop to the HP 8-port Ethernet switch.

7. Connect the CoolSign Player to a display/monitor using an HDMI or VGA cable (not included), and then power up the display/monitor.

Starting the Demo

1. From the Demonstrator's PC/Laptop, launch the CoolSign Network Manager and connect to the network named StandAlone_Root , using the default username and password (admin/password).

    NOTE: The PDS is already set up with multiple channels, playlists, player regions, etc., and pre-loaded with test content. You can also use the CoolSign Content Wizard to add custom content to the Network Controller.

2. Refer to the CoolSign Demo Cheat Sheet to learn how to demonstrate the many features of the CoolSign platform.

Documentation

A number of documents are available from the Haivision Download Center (http://www.haivision.com/down-load-center/) to help you learn more about the capabilities of the CoolSign Personal Demo Server:

- CoolSign Installation Manual
- CoolSign Network Manager User's Guide
- CoolSign Content Creator User's Guide
- CoolSign Release Notes

CoolSign Player – Quick Start Guide

The CoolSign Player (CP) incorporates most of the core features that have made CoolSign the platform of choice for some of the world's premier signage deployments. The player supports a wide range of media formats, and drives broadcast quality output at up to 1080p HD resolution.

For detailed information, please refer to the associated CoolSign product documentation, available through our Download Center at http://www.haivision.com/download-center/.

Prerequisites

An existing CoolSign network is required to operate the CoolSign Player.

What's in the box?

The CoolSign Player consists of the following:

- 1x - CoolSign Player
- 1x - power cord

Setting up the CoolSign Player

Hardware Installation:

1. Unpack the box and position the hardware.
2. Connect the CoolSign Player (CP) to a display/monitor using an HDMI or VGA cable (*not included*).
3. Connect the CP to your network using an Ethernet cable (*not included*).

   NOTE The CP, by default, requests an IP address from a DHCP server on your network. If you don't have a DHCP server on your network, you will need to assign a static IP address to the player.

4. Plug a keyboard and mouse into the CP.
5. Plug the power cord into the CP.
6. Push the power button on the front of the CP (the LED will turn blue).

Software Installation:

After the CoolSign Player has fully booted, the screen will be black with no icons on it. Run the CoolSign Configurator to connect the player to the network:

1. Press the Windows key on the keyboard to display the desktop.
2. From the ⊞ Start menu, launch the CoolSign Configurator.

3. Connect the CoolSign Player to a CoolSign network. The player is tuned to the default channel. Refer the CoolSign *CoolSign Network Manager Installation Manual* for details.

> **NOTE**
> The player is automatically tuned to the default channel, unless otherwise specified.

Documentation

A number of documents are available from the Havision Download Center (http://www.haivision.com/down-load-center/) to help you learn more about the capabilities of the CoolSign Player.

Or you may use the phone numbers or email addresses listed below:

North America: Toll Free: 1.877.224.5445

International: Tel: 1-514-334-5445
                      Fax: 1-514-334-0088

Technical Support email: tickets@haivision.com
Product Information email: info@haivision.com

CoolSign Mantaray Player – Quick Start Guide

The CoolSign Mantaray Player incorporates most of the core features that have made CoolSign the platform of choice for some of the world's premier signage deployments. The player supports a wide range of media formats, and drives broadcast quality output at up to 1080p HD resolution.

For detailed information, please refer to the associated CoolSign product documentation, available through our Download Center at http://www.haivision.com/download-center/.

Prerequisites

An existing CoolSign network is required to operate the CoolSign Mantaray Player.

What's in the box?

The CoolSign Mantaray Player kit consists of the following:

- 1x - Mantaray Player
- 1x - power cord

Setting up the CoolSign Mantaray Player

Hardware Installation:

1. Unpack the box and position the hardware.
2. Connect the CoolSign Mantaray Player to a display/monitor using an HDMI or VGA cable (*not included*).
3. Connect the Mantaray Player to your network using either an Ethernet, Component, or RCA cable (*included*).

   NOTE The Mantaray Player will, by default, request an IP address from a DHCP server on your network. If you don't have a DHCP server on your network, you will need to assign a static IP address to the player.

4. Plug in a keyboard and mouse into the USB inputs on the Mantaray Player.
5. Plug the power cord into the Mantaray Player.
6. Push the power button on the front of the Mantaray Player (the LED will turn green when it is ready).

Software Installation:

After the Mantaray Player has fully booted, the screen is completely black (with no icons on it). You run the CoolSign Configurator to connect the player to the network.

1. Press the Windows key on the connected keyboard to display the Windows desktop.

2. From the ⊞ Start menu, launch the CoolSign Configurator.

3. Connect the CoolSign Mantaray Player to a CoolSign network. Refer the CoolSign *Installation Guide* for details.

Documentation

A number of documents are available from the Havision Download Center (http://www.haivision.com/download-center/) to help you learn more about the capabilities of the CoolSign Mantaray Player.

Or use the phone numbers or email addresses listed below:

North America:	Toll Free: 1.877.224.5445
International:	Tel: 1-514-334-5445
	Fax: 1-514-334-0088
Technical Support email:	tickets@haivision.com
Product Information email:	info@haivision.com