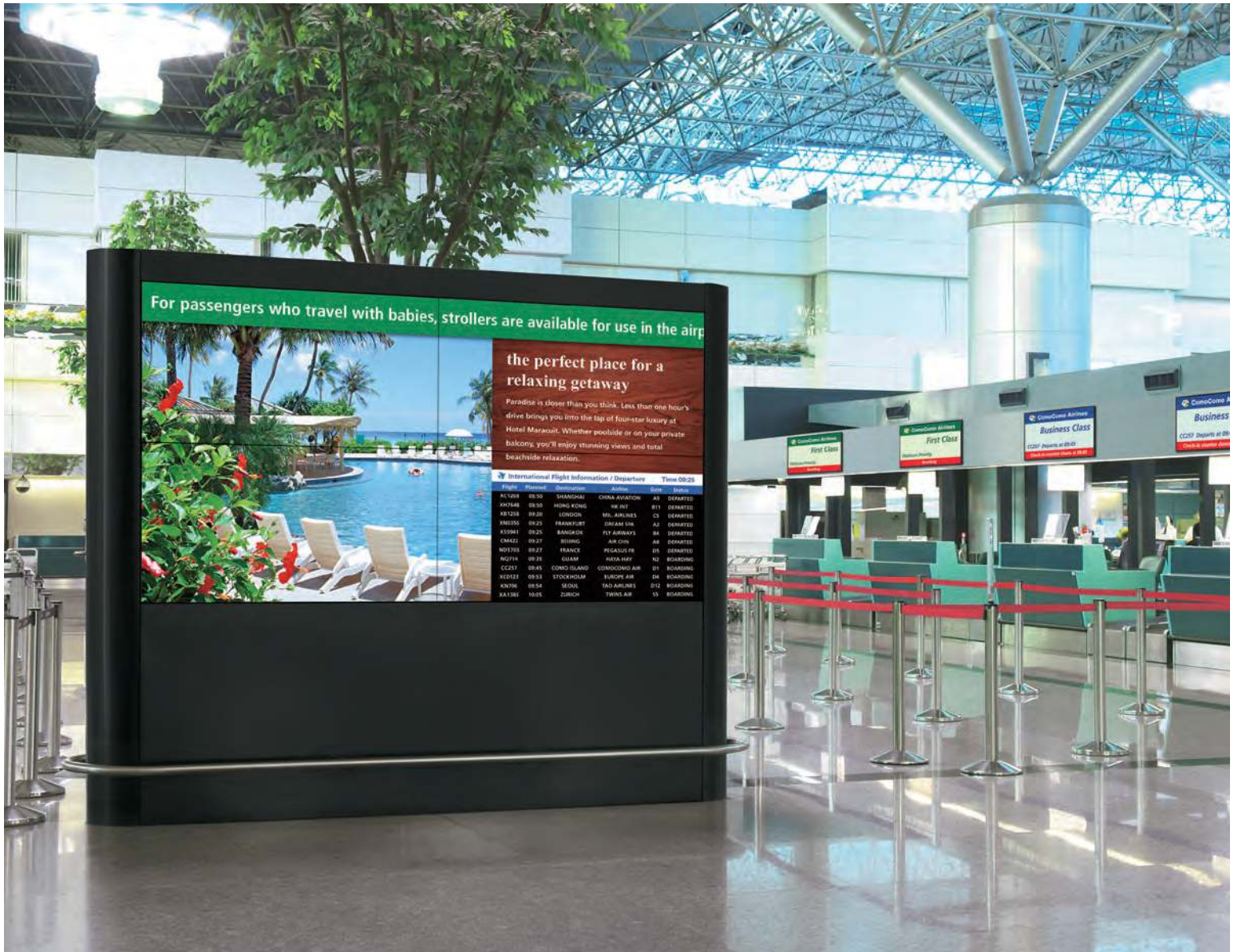


Smart Choices for Digital Signage Solutions

Efficient Ways to Update and Target Your Message



Easy editing, scheduling, distribution, and display management: Sharp Digital Signage Software provides total support for all of the potential uses of Digital Signage in 3 easy steps.

1 ADD AND ARRANGE CONTENT

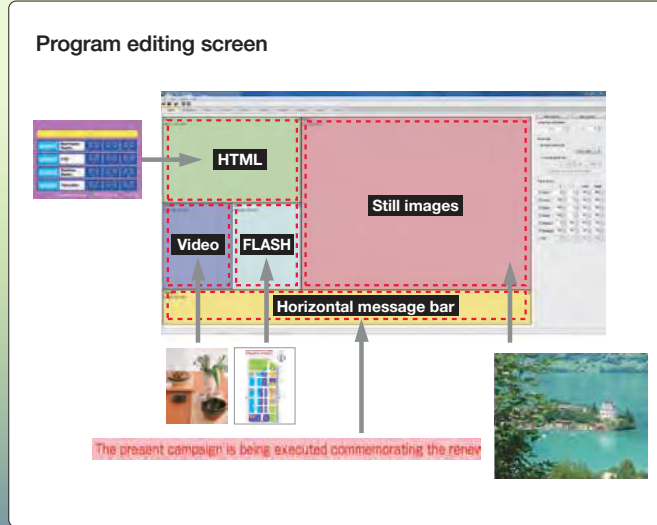
Quickly create all kinds of digital signage with customizable layouts and the ability to use the most popular types of content in order to meet virtually any design requirement.

Screen Layout

Screen layouts can accommodate both horizontal and vertical screen orientation, include up to 4 adjustable size and position frames, and offer up to 2 scrollable message bars. Easily add still images, full-motion video, HTML, Adobe® Flash® files and even Microsoft® PowerPoint® presentations with simple drag and drop.

Special Effects

Make your images come to life using a wide array of special effects—such as wiping, blow-up, slide-in, slide-out, rotary wiping, and much more.



Display screen



SEVERAL SDSS VERSIONS ARE AVAILABLE TO MATCH DIFFERENT DIGITAL SIGNAGE NEEDS.

	Product Name	Features	System Configuration (Examples)
Standalone Systems	Standalone PN-SS01	Scheduled programs can be delivered and displayed at a designated time on a single LCD monitor or to multiple screens via USB.	<ul style="list-style-type: none"> Standalone operation USB flash drive operation <p>*Viewer must be installed.</p>
Network Systems	Network PN-SS02	Enables programs to be distributed via the network or USB to one or multiple PCs for display on up to 100 LCD monitors according to a set schedule.	<p>*Viewer must be installed.</p>
	Pro PN-SS05	Same functions as PN-SS02, plus support for larger and more complex systems. Can distribute scheduled programs to up to 1,000 LCD monitors. Supports "Pull" distribution which enables viewers to reside on Internet and dynamic viewer IP addressing.	<p>*Viewer must be installed.</p>
	Pro Web Server PN-SW05	Same functions as PN-SS05 and operable via a web browser. Programs, schedules, and other items can be centrally stored and managed on a web server database (i.e., a controller PC), accessible by up to 50 remote PCs. Hosted on your network.	<p>*Viewer must be installed.</p>

Sharp Digital Signage Software (SDSS) is a highly versatile, yet easy-to-use, management software solution that provides total support for **creating, scheduling, distributing, displaying** and **monitoring** all types of digital signage deployments. Whether you're deploying just a single display or a network of one thousand displays, Sharp offers a version of SDSS that's right for you.

2 CREATE AND EDIT SCHEDULES

Through drag-and-drop operation, you can easily specify the time and date at which programs are to be displayed.

Editing the Timetable

Specify the time of day at which each program is to be displayed.

Editing the Schedule

Specify the dates on which a timetable will be applied. Schedules can be easily created and managed on a monthly calendar-like table.

Advanced Functionality on Pro (PN-SS05) and Pro Web (PN-SW05)

Multiple programs, timetables, and schedules can be managed through a user-friendly interface. The best choice for large-scale signage systems.

3 DELIVER TIMETABLES TO SCREENS

The scheduled program can be sent to the target PC (where Viewer/PN-SV01 is installed) for display.

Advanced Functionality on Pro (PN-SS05) and Pro Web (PN-SW05)


In the event of an emergency, it is possible to distribute and display emergency news flashes and scrolling messages.

Remote Management


The operational status and the programs being displayed can be remotely monitored, so that any problems can be resolved quickly.


Advanced Functionality on Pro (PN-SS05) and Pro Web (PN-SW05)

Instant input selection and LCD monitor(s) power on/off are selectable from a controller PC. Retrieval of finished schedules is also available.

No. of Operation PCs	No. of Target PCs	Operation Screen
1	1	 <p>Launcher</p>

1	Max. 100	 <p>Launcher</p>
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1	Max. 1,000	 <p>Pro Manager</p>
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1 to 50	Max. 1,000	 <p>Web browser</p>
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Viewer (PN-SV01)

Dedicated software for displaying scheduled programs on Sharp LCD monitors. Required when using Network, Pro, Pro Web or Standalone via USB distribution.

Advanced Features of Pro (PN-SS05) and Pro Web (PN-SW05)

- Distribute to remote locations via Internet
- Send emergency messages to one or many screens
- Distribute to remote screens without fixed IP addresses
- View details of any screen, including distributed contents and timetable
- Filter the list of screens by location, name, status or other attributes
- View the status of screens with easy to understand icons
- Manage power and input of remote screens
- Update SDSS Viewer on remote screens

Displayable Content

Content	File Format	Required Software
Video	.avi .mpeg .mpg .wmv .asf	Microsoft® Windows Media® Player
	.mov	QuickTime Player
Animation	.swf	Adobe® Flash® Player
Presentation	.ppt .pps	Microsoft® PowerPoint® Viewer 2003/2007/2010
HTML	.htm .html	Microsoft® Internet Explorer®
Message bar	.tip	—
Audio	.wav .mp3 .au .aif .aiff .wma .mid .midi	Microsoft® Windows Media® Player
	.mov	QuickTime Player
Still image	.jpeg .jpg .gif .png .bmp	—
Execution file	.exe	—

Key
○ = Included
X = Not Included
— = Not Applicable

Feature Comparison

	Standalone (PN-SS01)	Network (PN-SS02)	Pro (PN-SS05)	Pro Web Server (PN-SW05)	Viewer (PN-SV01)	
No. of operation PCs	1	1	1	1 to 50	—	
Operation via web browser	X	X	X	○	—	
Program creation and editing	○	○	○	○	—	
Timetable/schedule creation and editing	○	○	○	○	—	
Distribution	Via USB flash drive	○	X	X	—	
	Via network	X	○	○	○	
	No. of target PCs	1	Max. 100	Max. 1,000	Max. 1,000	—
	Emergency news flash*1	X	○	○	○	—
	Reserved distribution	X	○	○	○	—
	Schedule list view	X	X	○	○	—
	Emergency scroll message	X	X	○	○	—
	Status monitoring	X	○	○	○	—
	Updater distribution	X	X	○	○	—
	Sends only new content	X	X	○	○	—
Pull distribution	X	X	○	○	—	
Monitor control	○	○	○	○	—	
Operation screen	Launcher	Launcher	Pro Manager	Web browser	—	
Program display	○	○	—	—	○	

System Requirements

		Standalone (PN-SS01)	Network (PN-SS02)	Pro (PN-SS05)	Pro Web Server (PN-SW05)		Viewer (PN-SV01)	
		Controller PC	Controller PC	Controller PC	Controller PC	Operation PC	Target PC	
PC	CPU	Intel® Celeron® M 1.3GHz or higher (Pentium® 4 processor recommended)*3		Intel® Pentium® 4 processor 2GHz or higher	Intel® Core™ 2 Duo processor 2.26GHz or higher	Intel® Celeron® M 1.3GHz or higher (Pentium® 4 processor recommended)*3	Intel® Celeron® M 1.3GHz or higher (Pentium® 4 processor recommended)*3	
	OS	Microsoft® Windows® XP	○	○	○	—	○	○
		Microsoft® Windows Vista®	○	○	○	—	○	○
		Microsoft® Windows® 7	○	○	○	○	○	○
		Microsoft® Windows Server® 2003	○	○	○	—	○	—
		Microsoft® Windows Server® 2008	○	○	○	○	○	—
	Memory	256MB or more (512MB or more recommended)		512MB or more	2GB or more	512MB or more	256MB or more (512MB or more recommended)	
Hard disk	Available free space		20MB or more	40MB or more	80MB or more	20MB or more	—	
Interface*1	USB port	○	○	—	—	—	○	
	LAN port	—	○	○	○	○	○	
Other software	Microsoft® Internet Explorer® 6.0 or later	○	○	○	—	—	○	
	Microsoft® PowerPoint® Viewer 2003/2007/2010	○	○	○	—	○	○	
	Microsoft® Windows® Media Player 9 or later*2	○	○	○	—	○	○	
	Adobe® Flash® Player	○	○	○	—	○	○	
	QuickTime Player 7 or later	○	○	○	—	○	○	

*1: An RS-232C port or LAN port is required for controlling the LCD monitor from a viewer PC.

*2: Some video files may require commercially available codec.

*3: Certain effects that place a load on the CPU—such as transparent message bars or fade-ins—may not display properly with lower processor.



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