Your message has to reach the right people at the right time /This is Why we make smarter digital signage solutions.

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.

Audiences move on, messages change /This is Why we've made it easy to add, change and control content.

1.ADD AND ARRANGE CONTENT

Quickly create all kinds of digital signage with customisable layouts and the ability to use the most popular types of content in order to meet virtually any design requirement.
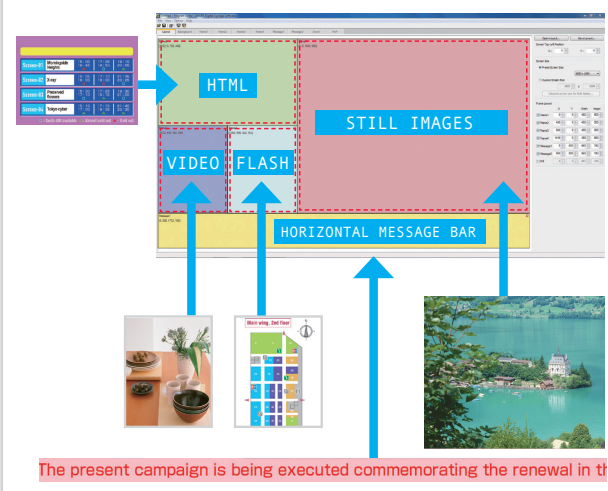
Screen Layout
Screen layouts can accommodate both horizontal and vertical screen orientation, include up to 4 adjustable size and position frames, and offer up to 2 scrollable message bars. Easily add still images, full-motion video, HTML, Adobe® Flash® files and even Microsoft® PowerPoint® presentations 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.

Program editing screen

HTML

STILL IMAGES

VIDEO FLASH

HORIZONTAL MESSAGE BAR

Display screen

The present campaign is being executed commemorating the renewal in the

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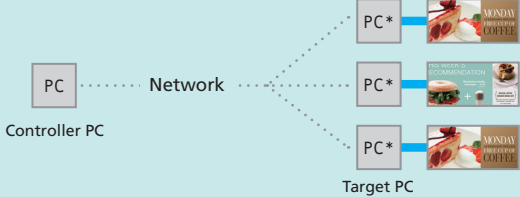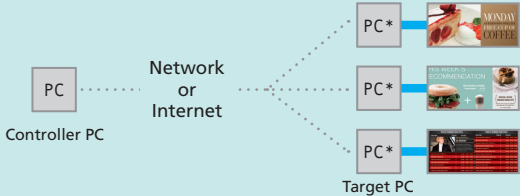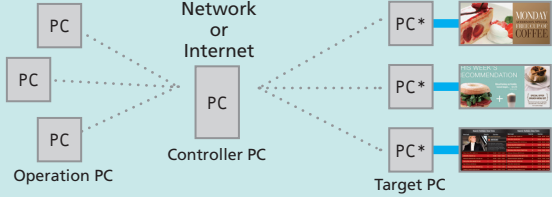
Remote Management
The operational status and the programs being displayed can be remotely monitored, so that any problems can be resolved quickly.

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.

	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.**	• Standalone operation PC — [monitor] • USB flash drive operation PC → [USB] → PC* — [monitor] Controller PC
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.	PC ···· Network ···· PC* Controller PC ···· PC* ···· PC* Target PC
	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.	PC ···· Network or Internet ···· PC* Controller PC ···· PC* ···· PC* Target PC
	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.	PC ···· PC ···· PC (Controller PC) ···· Network or Internet ···· PC*, PC*, PC* PC ···· Operation PC / Target PC

	Product Name	No. of Operation PCs	No. of Target PCs	Operation Screen
Standalone Systems	**Standalone** PN-SS01	1	1	*SHARP Digital Signage Software* Launcher
Network Systems	**Network** PN-SS02	1	Max. 100	*SHARP Digital Signage Software* Launcher
	Pro PN-SS05	1	Max. 1,000	Pro Manager
	Pro Web Server PN-SW05	1 to 50	Max. 1,000	Web browser

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

*Viewer PN-SV01 must be installed.

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	.tlp	–
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
✗ 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		✗	✗	✗	●	–
Program creation and editing		●	●	●	●	–
Timetable/schedule creation and editing		●	●	●	●	–
Distribution	Via USB flash drive	●	●	✗	✗	–
	Via network	✗	●	●	●	–
	No. of target PCs	1	Max. 100	Max. 1,000	Max. 1,000	–
	Emergency news flash*1	✗	●	●	●	–
	Reserved distribution	✗	●	●	●	–
	Schedule list view	✗	✗	●	●	–
	Emergency scroll message	✗	✗	●	●	–
	Status monitoring	✗	●	●	●	–
	Updater distribution	✗	✗	●	●	–
	Sends only new content	✗	✗	●	●	–
	Pull distribution	✗	✗	●	●	–
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® 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)	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	20MB or more	40MB or more	80MB or more	20MB or more	–
	Interface*1	USB port	●	●	–	–	–	●
		LAN port	–	●	●	●	●	●
Monitor	For controller PC	Resolution (min.)	1,024 x 768 dots	1,024 x 768 dots	1,024 x 768 dots	1,280 x 1,024 dots	1,024 x 768 dots	–
		Colours	Full colour	Full colour	Full colour	Full colour	Full colour	–
Other software		Microsoft® Internet Explorer® 6.0 or later	●	●	●	–	IE67 or later	●
		Microsoft® PowerPoint® Viewer 2003/2007/2010	●	●	●	–	●	●
		Microsoft® Windows® Media Player 9 or later*2	●	●	●	–	●	●
		Adobe® Flash® Player	●	●	●	–	●	●
		QuickTime Player 7 or later	●	●	●	–	●	●

NOTES

*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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