

SignWare-Pro



User's Guide *SignWare-Pro v1.2*

www.smartavi.com

Table of Contents

Introduction	
Disclaimer Notice	4
What's in the Box?	5
Limited Warranty Statement	6
Section 1 -Setting up the SignWare-Pro Server Software	
1. Getting Started	7
2. Installing SignWare-Pro Server	8
3. Setting up the SignWare-Pro Client	9
4. Navigating the SignWare-Pro Client	10
5. Updating the SignWare-Pro Client	12

Section 2 -Using the SignWare-Pro Server Software

6. Running SignWare-Pro Server Software for the first time	13
6.1 Firewall	
6.2 User Manager	15
7. Task Manager	
8. Creating and working with schedules	20
8.1 Super Schedules	23
9. Template Creator	
10. Creeping Line Editor	
11. Registration and Activation	

Specifications	39
Server Requirements	39
Alphabetical Index	40

Introduction

Congratulations on your purchase of the SignWare-Pro Digital Signage Solution. Please read the instructions carefully before using.

SignWare-Pro is a digital signage solution that creates new marketing and information sharing portals to reach target audiences with real time information. SignWare-Pro attracts audiences by displaying your message using vivid, high-quality video and animation replacing traditional signs and posters.

SignWare-Pro uses your IP network to remotely manage, control, and broadcast your information to target audiences in specific locations across the globe. Because it uses a closed network, your information is safe and secure.

SignWare-Pro is capable of playing back all industry standards, such as Flash files, Video .MPG, HTML, QuickTime, Power Point, .JPG's, Java Applets, and more.

SignWare-Pro is the ultimate solution that provides both hardware and software for the display and management of your digital content. It is highly cost effective and easy to use. It is the perfect solution for both small-scale and large-scale projects.

Disclaimer Notice

The information contained in this document is subject to change without notice. SmartAVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for particular purpose.

SmartAVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

No part of this document may be photocopied, reproduced, or translated into another language without prior written consent from SmartAVI, Inc.

What's in the Box?

PART NO.	QTY	DESCRIPTION
AP-SNWP-8GS	1	SignWarePro Client* - <i>Figure A</i>
AP-SNW-SW	1	SignWare-Pro Software - <i>Figure B</i>
PS5VD2A*	1	5-Volt 2-Amp Power Supply* - <i>Figure C</i>



Limited Warranty Statement

A. Extent of Limited Warranty

1. SmartAVI, Inc. warrants to the end-user customers that the SmartAVI product specified above will be free from defects in materials and workmanship for the duration of 1 year, which duration begins on the date of purchase by the customer. Customer is responsible for maintaining proof of date of purchase.

2. SmartAVI's limited warranty covers only those defects which arise as a result of normal use of the product, and do not apply to any:

a. Improper or inadequate maintenance or modifications.

b. Operations outside product specifications.

c. Mechanical abuse and exposure to severe conditions.

3. If SmartAVI receives, during Applicable warranty period, a notice of defect, SmartAVI, Inc. will, at its discretion, replace or repair the defective product. If SmartAVI is unable to replace or repair the defective product covered by the SmartAVI warranty within a reasonable period of time, SmartAVI shall refund the cost of the product.

4. SmartAVI shall have no obligation to repair, replace or refund unit until customer returns defective product to SmartAVI.

5. Any replacement product could be new or like new, provided that it has functionality at least equal to that of the product being replaced.

6. SmartAVI limited warranty is valid in any country where the covered product is distributed by SmartAVI.

Section 1 Setting up the SignWare-Pro Server Software

1. Getting Started

This quick setup guide will instruct you on how to install and setup the SignWare-Pro software onto your Server (Host PC) and how to setup the SignWare-Pro client.

To ensure proper installation of the server software;

- Please make sure you are running Windows XP Professional with Service Pack 2 or 3, Windows 2003 or Windows Vista.
- Make sure that you are logged in as the system administrator.
- Turn off the Windows firewall. (see *Figure 1.1* for Windows XP) You can alternately select SignWare-Pro under the exceptions tab. (*Figure 1.2*)
- If you do not wish to turn off your firewall, please refer to Part 7.1 of the manual.

Windows Firewall	🕼 Windows Firewall
General Exceptions Advanced	General Exceptions Advanced
Your PC is not protected: turn on Windows Firewall Windows Firewall helps protect your computer by preventing unauthorized users from gaining access to your computer through the Internet or a network.	Windows Firewall is turned off. Your computer is at risk of attacks and intrusions from outside sources such as the Internet. We recommend that you click the General tab and select On. Programs and Services:
A	Name
💟 C On (recommended)	File and Printer Sharing
This setting blocks all outside sources from connecting to this	Network Diagnostics for Windows XP
computer, with the exception of those selected on the Exceptions tab.	Remote Assistance
	Remote Desktop
C Don't allow exceptions	✓ Signware Discovery Port
	Signware HTTP Port
Select this when you connect to public networks in less secure locations, such as airports. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be ignored.	☑ Signware Port □ UPnP Framework
• Off (not recommended)	
Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.	Add Program Add Port Edit Delete
	☑ Display a notification when Windows Firewall blocks a program
What else should I know about Windows Firewall?	What are the risks of allowing exceptions?
OK Cancel	OK Cancel

Figure 1.1

Figure 1.2

2. Installing SignWare-Pro Server

SignWare-Pro Server requires a unique serial number to be installed. You will find your key on back of the SignWare-Pro Server CD sleeve. In addition, you must complete the online registration for your copy of SignWare-Pro Server. If you do not register within the thirty-day window, your SignWare-Pro Server software will become disabled. A registration window will open automatically. If you wish to register at a later date, simply select Help/Registration. For more help on registration, refer to Part 13 of the manual.

- 1. Double click on the SignWare-Pro Server Setup executable. Read the License Agreement then click 'I Agree'
- 2. Enter in your name and organization and enter the unique serial number (IN ALL CAPS) provided to you. **Important:** When entering the serial number, please make sure it is typed with ALL CAPS, or registration will not give you a 30 day grace period. (*Figure 2.1*)
- The next window will be to choose components, make sure "SignWare-Pro Server" is checked. (*Figure 2.2*)
- 4. Choose the installation location you would like to install the SignWare-Pro Server. Click 'Next'.
- 5. Before the installation completes, you will be asked to create a password for the Administrator account. You must sign in as the Administrator for the first time you load the SignWare-Pro Manager. For more information on the User Manager, go to Section 2 of the manual.

Signware v.0.2 Setup		😰 Signware v.0.2 Setup	
Registration Information Please enter registration information before installing Signware v.0.2	P	Choose Components Choose which features of Signware v.0.2 you want to install.	2
Full Name: Signware		Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.	
Organization: Smart-AVI Serial number: PREN-SIGN-1234-5678-9ABC		Select components to install: Signware Server HTML Editor (KompoZer 0.7.10) Signware Managers and Previewer.	
For current user For All users		Space required: 93.5MB Position your mouse over a component to see its.	
< Back Next >	Cancel	description	*

Figure 2.1

Figure 2.2

3. Setting up the SignWare-Pro Client

- 1. Setting up the SignWare-Pro Client
 - a. Connect the power supply cable to the SignWare-Pro client and plug the cable into a grounded power outlet. (*Figure 3.1*)
 - b. Attach the HDMI from the monitor or display to the HDMI port on back of the client.
 - c. Connect the SignWare-Pro client to a router using CAT5 cable. (If you will be using a wireless router, please refer to your router's manual for additional information).

Turn on the display connected to the client. The monitor should display the SignWare-Pro splash screen.

Once the kernel has booted, you will be brought to a black screen with a blue status bar at the bottom.



Figure 3.1

4. Navigating the SignWare-Pro Client

1. Once you've logged in, connect the keyboard and press CTRL+ALT+2 to open the SignWare-Pro Configuration Panel (*Figure 4.1*).

General System		
Login settings	server name, user name, and passwo	rd
Server: Player Name:	7x8298Udv2shohnK	
User:	Signware_user	
Password:	*****	
Server detection		
Url: User:		
Password:		
	💥 <u>C</u> ancel	<u> «О</u> к

(Figure 4.1)

Audio Volume:		
Resolution CEA 1920x1080	@ 60Hz	
Network settings -		
IP:	127.0.0.1	
Netmask:	255.255.255.0	
Gateway:	0.0.0	

(Figure 4.2)

2. Network

Settings i.

DHCP

- Check this box if you would like your SignWare-Pro Client to receive an IP Address from your network.
- If you need to set a Static IP, uncheck this box to manually set your IP, Netmask,

Gateway, and DNS.

- 3. Resolution Settings (*Figure 4.2*)
 - Use the 'Tab' key (*Figure 4.2*) to tab to the Resolution drop down box and use the arrow keys to scroll through the different selections. Press the 'OK' button to select the resolution.
- 4. SignWare-Pro Server Settings
 - i. Server
 - If your SignWare-Pro Client is unable to find your Server on the network, manually type in the IP Address of your Server.
 - ii. User
 - This is the default username that is linked to your Server. Please leave this setting as is.
 - iii. Password
 - This is the default password that is linked to the User. Please leave this setting as is.

5. Updating the SignWare-Pro Client

In an effort to produce the best digital signage system on the market, we will continue to make upgrades to our products.

To update to the newest version of the SignWare-Pro client, you will need to do the following;

- 1. Unpack the SignWare-Pro update file onto your server.
- In Task manager create "Update" task and point to update.img as the task data. (Figure 6.1) Important: update.inf should be placed in the same directory as flash.img or the update will not work.
- 3. In Task manager, create a new schedule and add the update task you created in Step 2. (*Figure 6.2*)
- 4. Right-Click the schedule and select 'Start' to run the update.
- 5. After updating, the SignWare-Pro client will reboot automatically.
- 6. You may need to reconfigure client settings again.

IMPORTANT: DO NOT TURN OFF OR UNPLUG THE CLIENT during this operation. If you do so, the SignWare-Pro client will no longer operate and you will need contact customer support for a new system file.

Task Propert	ties		×	📴 Client Confi	guration Properties	2
	k name:	Enter task name here		General Day	& Time Client Filter View	
😂 Upd	date Task			*	Schedule name:	
				p	Update Schedule	
Task typ	pe: Update	•			Enabled (sheduled task runs at speci	ied tme)
Upd	late file:	Enter file path here		Start hot ke		
Open			? ×	Stop hot ke	yt None	
Look in: 🔀) undate					
	J abage			Available tasi		- Use Template
🔄 update.im	ng			🖃 🧰 Def	aut Update Task	
File name:	update		Open	Shedwed tas Task name		
Files of type:	UPDATE files (*.img)	T	Cancel			Up
	Dpen as read-only		11			Down
-			11.			Delete
Save tas	sk schedule properties to all	occurrences in schedules after s	ave	100		
						Properties
	Save	Cancel		Preview	OK Cancel	Apply Help
	100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100					

Figure 6.1

Figure 6.2

Section 2 Using the SignWare-Pro Server Software

6. Running SignWare-Pro Server Software for the first time

- 1. Double click on the SignWare-Pro Server Station Manager icon either on your desktop or start menu.
- You will first be prompted with a 'Server Logon settings' dialog box. The default IP address is 127.0.0.1. In the user name and password fields use the new Administrator user and password you created in the installation process and click 'OK'. (*Figure 6.1*)
- 3. Once the SignWare-Pro Server Station Manager is loaded. You will see the following;
 - a. Connected SignWare-Pro clients
 - b. Loopback IP. (127.0.0.1)
 - c. Your user name and password. Click Save Password to stay logged in. (Figure 6.2)

Server Lo	gon settings	X	Signware Manager Run Station Configuration Help		
DEFTET EG	gon secongs	<u>~</u>	Run station Corriguiation Help Clients:	Connected managers:	
	Type the nam computer from	e of the computer or choose a 1 the drop-down list.	Default	Manaper Station Mingr (SMART 9488BE	User name. 666) Administrator
	Computer:	127.0.0.1			
	User Name:	Administrator	Logs:		
	osor riano.	Administrator	Time From 2011.07.05 10:42:58.994 Server	Description Login user: Station Ma	nager SMART-94000E066 [127.0.0.1] (Administrator)
	Password:	****			
		Save Password			
		OK Cancel	Task Manager		Hide
5			User Administrator logged in successfully		1

Figure 6.1

Figure 6.2

6.1 Firewall

SignWare-Pro uses the TCP/IP suite to communicate between the server and client, proper settings of your firewall and routers will be needed.

After the installation of SignWare-Pro Manager, and the initial start of the software, you will be asked to by the windows firewall to unblock, or keep blocking SignWare-Pro Manager. You want to make sure you unblock it.

The port used for communication is '13325' UDP and TCP. This will be used when forwarding ports in your router, when using SignWare-Pro via WAN.

6.2 User Manager

Our user manager now allows SignWare-Pro users to manage and control their own user database. Windows logins are no longer required. Each user created is allowed a set of permissions.

The user rights are described as followed:

- Administrator: Full access to everything, only user that is able to create and manage users.
- **Task Manager**: Allowed to access and control the task manager and selectable clients assigned by the administrator.
- Station Manager: allowed to access and control the station manager.
- **Client**: used for the SignWare-Pro clients to connect to the signage server only.

During the installation, you will be asked to create the administrator password. If you click 'Cancel', you will be assigned default usernames and passwords. (*Figure 6.2.1*)

To have different users log in, always click on 'Configuration' then 'Login server.' Click 'Save Password' while logged in. To log out, uncheck 'Save Password'. (*Figure 6.2.2*)

Signware.v.0.2 Setup	-o×	Run Saton Control Help .	× IQI ×
Installing	2	Clients	Connected managers
Please wait while Signware v.0.2 is being installed.		E 🔮 Delauit	Mariager User name
Default Administrator User Properties	×		Station Ming (SMART-348865956) Administrator Task Ming (SMART-348865966) Administrator Sector
Administrator user name: Enter a	dministrator user	Server Logon	settings (5) Administrator
Administrator			pe the name of the computer or choice a imputer from the drop-down list.
	r password here		
INI		3	Computer 127.0.0.1 💌
Confirm password: Reenter user	password here	U	oer Name: Administrator
100		Time	Password
If you click Cancel, the default users set wil	I be created.	2011.06.02.08.29.35.250	Save Password SMART 94888E 866 [12]
Save	ancel		OK Cancel
			1
		<u>si</u>	
< Back	< Next > Cancel	Task Manager	Hide
		User Administrator logged in successfully	

Figure 6.2.1

Figure 6.2.2

After you log into the SignWare-Pro manager, you can create new users by clicking 'Run,' then clicking on 'User Manager' (*Figure 6.2.3*)

To create a new user, right click or click on 'User' then 'New User.' The user properties window will open. Here is where you enter in your new user information (*Figure 6.2.4*):

- **User name**: The name of the new user.
- **Full name**: The real name of the user.
- **Description**: The description of the user.
- **Password**: The password for that user.
- **User rights**: Select the rights you want this user to have.

User Configuration							User name:	Enter user name here
			18					Enter user name nere
ser Name	Ful Name	Description	User Mana	Task Mana	Station Ma		New User	
Administrator		Diefault Presenter User Ad	YE5	YES	YES	YES	Full name:	Enter user's complete name here
Manager		Default Presenter Manager	NO	YES	YES	NO	i uli ridilie.	Liner user's complete name nere
Client		Default Presenter Client	NO	NO NO NO	NO NO NO	YES YES YES		
Manager Otient Otsei Signware_user		Default Presenter Client	NO	NO	NO	YES	B week to be	E
Signware_user		Diefault Signware Ellent	NO	NO	NO	YES	Description	Enter user description here
						_		1
						_		
						_	Password:	Enter user password here
						_		
						_		
						_	Confirm password:	Reenter user password here
						_	-	
						_		
						_	User rights	12
						_	Client	
						_		F.
						_	🔲 Task Manager	Managed Clients
						_	📃 🔲 Station Manager	
							🔲 User Manager	

Figure 6.2.3

Figure 6.2.4

Click 'Save'. You will then see the new user in the list. (Figure 6.2.3)

7. Task Manager

The main feature of SignWare-Pro is the Task Manager. This is where you set up and manage all of your presentations.

To open the Task Manager:

• Select Run then click on the Task Manager. (Figure 7.1)

Manager User name Station Mngr (SMART-9488BE866) Administrator
Station Mngr (SMART-9488BE866) Administrator
Description
Login user: Station Manager SMART-9488BE866

Figure 7.1

Once you are in the Task Manager you can begin setting up your presentations.

Tasks: are individual presentations such as movies, PowerPoint presentations or Flash files; in order to run a Task it must be placed into a schedule.

Schedules: are used to schedule a Task or a series of Tasks to run together at a specific time and day.

Setting up Tasks: In the Task menu option, you can create, delete, and view the properties of all the files you wish to run on SignWare-Pro.

Schedule			L			
	New Task New Massive of Tasks Delete Task	Ins Ctrl+M Del	ie	Туре	Command	Start fold
	Duplicate Move task to Group	Ctrl+U	Þ.			
	Properties	Enter				

Figure 7.2

To create a new task:

- 1. Select Task and select 'New Task'. (*Figure 7.2*)
- 2. Select the type of file you are going to use. (*Figure 7.3*)
- 3. Select the file located on your hard drive. Once the task has been added, you can configure the following properties;
 - a. **The duration of the task** (setting the duration to 0:0:0 will cause the program to run indefinitely.
 - b. Operation on End of Task,
 - i. Here you can set what will happen upon completion of the Task if it is included in a schedule.
 - ii. Run Next Task will open up the next task in the schedule upon completion.
 - iii. Restart Current Task will cause the task to repeat itself.

Note: You can override these configurations in the 'Schedule Properties' menu. (Part 8)

Task nam		Enter task name here	
Task 000	1		
Task type:	Video	T	
Video file:	Video Image Update RS232 Data		Browse
c	Schedule		Additional files
Comment:		ter a task comment here	Background Manager
l Default task sched	ule properties	<u> </u>	
Duration: 0	i program ends	Operation at end of task	
☑ Stop task whe	n duration period ends	 Restart current task Wait for end of task point task in then start next task in the star	period and n schedule
🗖 Save task sch	edule properties to all oc	currences in schedules af	ter save

Figure 7.3

Creating Schedules

A schedule is where you combine all of the different tasks that you've created in step 8 and put them into one place. From here you create the programming schedule. You can select a variety of task to run at specific times, run once, or loop continuously. If you use the template feature (described in step 10) you will select which tasks will run in which window.

Schedules can be as complex or as simple as you like. You can control hundreds of tasks to run at specific times or simply have one or two tasks set to loop continuously.

8. Creating and working with schedules

- 1. In the Task Manager select 'Schedule' and click 'New Schedule'. The Schedule Properties Dialog will appear. (*Figure 8.1*)
- 2. In the 'General' tab give your schedule a name. (optional)
- 3. Begin populating the schedule with various tasks. These tasks can be videos, images, web pages, PowerPoint Presentations, etc.
 - a. To do this you must use your mouse to highlight one of the tasks you created in the previous step. (*Figure 8.2*)
 - b. With the task highlighted click the arrow just to move the task into your schedule. (*Figure 8.2*)
 - c. The task within the schedule will run in order starting from the task at the top of the list. You can arrange tasks by selecting them and using the up and down buttons.
 - d. You also have the option of deleting the task from the schedule or clearing the schedule entirely.

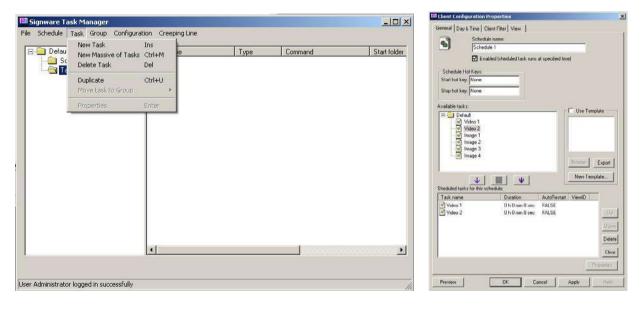


Figure 8.1

Figure 8.2

Once you have added your tasks to the schedule, you are ready to modify the tasks properties

Modifying Tasks within the Schedule

- 4. While in the 'Schedule Properties' dialog, double-click the task you wish to modify from the 'Scheduled Tasks' section. This brings up the 'Schedule Task Properties' dialog. From here you are given several options; (*Figure 8.3*)
 - a. Operation on end of task
 - i. **Run next task in schedule:** This option will run the next task that you've added to the schedule once the task has ended.
 - ii. **Restart current task:** This will restart the current task once it has finished. Use this selection to loop your task indefinitely.
 - iii. Wait for end of task period and then start next task in schedule: Use this Selection if you've set a specific duration for the task.
 - b. **Duration:** Lets you configure how long you would like the task to be displayed on your screen. Setting this to 0:0:0 will automatically stop the task once it has ended. This is primarily used for video and flash movies.
 - c. Use View: If you are using templates*, this control lets you select which view to display your task. (*Figure 8.4*)
 - d. Click 'OK' to save your settings.

🖪 s	chedule task properties
Г ⁰	peration on end of task
	• Run next task in schedule
į,	O Restart current task
	• Wait for end of task period and then start next task in schedule
	Duration: 0 : 0 : 0 (0:0:0) - until program ends I Stop task after duration period ends
	Background Manager
Use	
	OK Cancel

*More about templates in Part 10.



Schedule ta	isk pr	opertie	5	×
Operation on	end of	task —		1
• Run ne:	kt task	in sched	lule	
O Restart	curren	t task		
O Wait for then sta	end ol art nexi	f task pe t task in	riod and schedule	
Duration:	0	: 0	: 0	
(0:0	:0) - ur	itil progra	am ends	
🗹 Stop tas	k after	duration	n period e	nds
Bac	kgrour	id Manaj	ger	
Use:	ļ			<u> </u>
Use View:	1	Hidden		•
OK		Hidden		
OK		View 1 View 2		

Figure 8.4

- 5. **Day and Time:** Use the 'Day and Time' tab to control when and for how long the schedule will play. The Day and Time dialog controls the following;
 - a. Schedule start type: This feature selects how the schedule will operate. (*Figure 8.5*)
 - b. Run at user logon: This will start the schedule as soon as the user is logged on.
 - c. Run once: Select a specific time and date for the schedule to run. (Figure 8.6)
 - d. **Run periodically:** Set the time and date for your schedule to play. This option allows you to alternately control a variety of schedules.

Bun periodically Run once Days of V Run periodically Run on player start	Month	s:	
I Gurdon page Calc Sund Trogger I Monday I Tuesday I Wednesday I Thursday I Finday I Saturday	♥ Jar ♥ Feb ♥ Ma ♥ Apr ♥ Ma ♥ Jur ♥ July	oruary rch il y ie	
Days of month:	Examp		Last day of month
'ears: Schedule stait time	-		nple: 2000, 2005-2007 egin/end date
Start time: 3:28:00 PM A	dditional	🗖 Begin	5/31/2011 -
Schedule duration			3:46:19 PM
Duration: 0 : 0 : 0 (0:0:0-notime limit)		🗖 End	5/31/2011 💌
Loop schedule			3:46:19 PM
Repeat schedule Every:	-		
During: 24 : 0 : 0			Advanced

Client Config	uration Properties	
General Day &	Time Clion Filtor View	
\$25a	edule start type:	
P Jhur	n once	
- Schedule star		
Start date:	Thursday , June 02,2011	
	June, 2011 💽	
	Sun Mon Tue Wed Thu Fri Sat 29 30 31 1 22 3 4	
	5 6 7 8 9 10 11 12 13 14 15 16 17 18	
	19 20 21 22 23 24 25	
	26 27 28 29 30 1 2 3 4 5 6 7 8 9	
	rt tin 🔁 Today: 6/2/2011	
Start time:		
□ Hun alte	er Power Failure	
1	(0:0:0-notime limit)	
Loop set		
Repeat s		
Every:		
During:	24 : 0 : 0 Advanced	
Preview	OK Cancel Apply Help	

Figure 8.5

Figure 8.6

8.1 Super Schedules

Super Schedules were designed to allow multiple schedules to run in one, also allowing a drag and drop friendly user interface.

To use the Super Schedule, open up the Task Manager and then click on 'Schedule' then select 'New Super Schedule'.

- In the Setup Schedule tab, this is where you will setup your multiple schedules. Click on 'Add'. In the window that opened you can name your schedule and select the duration. Then click 'Ok'. (*Figure 8.1.1*)
- Select a schedule in the list, then with the media icon, drag and drop it into the blue box. A Task Properties window will appear just like the normal Task Properties. Browse for your media. Click 'Save'. You can now add more schedules to your Super Schedule. (*Figure 8.1.2*)
- 3. The Day & Time tab has the same functionality as the one in the normal Schedule. (Part 9)
- 4. The Client Filter tab will allow you to specify the clients that will download and run your Super Schedule.
- 5. The View tab must always remain checked on View 1.

Click 'Ok' and your new Super Schedule will be shown in the Schedule list.

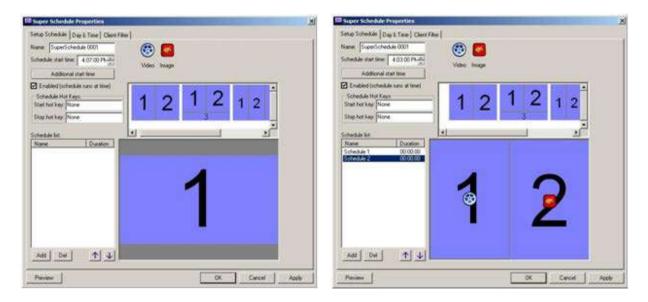


Figure 8.1.1

Figure 8.1.2

9. Template Creator

The Template creator is powerful feature of SignWare-Pro. Templates allow users to create and assign regions. This gives you the ability to run several tasks simultaneously on one screen. The result is the integration of high-resolution graphics with dynamic video and scrolling text messages and news feeds.

To create a template and assign tasks:

- 1. Use your mouse to select the schedule you wish to use for your template.
- 2. From the schedule menu select "New Template..." (Figure 9.1)
- 3. Select the resolution of your client's display. (Figure 9.2)

Client Configs	uration Properties	×	🔛 Client Configuration 1	keepeities	
Seneral Day &	Time Client Filter View		General Day & Time D	lient Filter View	
	Schedule name:		(D).	le name:	
S	Schedule 1		Sched	de 1	
	Enabled (sheduled task runs at specified	time)	🗹 Ena	bled (sheduled task runs at specified time)	
Schedule Hol	Kee		Schedule Hot Keys		
Start hot key:			Start hot key. None		
Stop hot key:	None		Stop hot key: None		
Available tasks:		Use Template	Available tasks:		Use Template
Defaul			Default	New Template	x
- O Vk			- Video 2	Select screen resolution	-
	age 1		image 1		4×768 💌
	age 2 age 3		• image 1 • image 2 • image 3 • image 4	102	4 x 768
e) Im	age 4	Commence of the second	image 4	OK 128	0 x 720 0 x 768
		Browse Export	Contraction (Contraction)	128	0×800 0×1024
l	00-004400-002-002-002-002-002-002-002-00	New Template	and the second s	136	0 x 768
200300	↓ ↑ ¥	New respise	4	192	0×1200 0×1080
	for this schedule:		Sheduled tasks for this so Task name		0 x 1200 x 640
Task name Video 1	Duration AutoRest 0 h 0 min 0 sec FALSE	art ViewD Hide	Video 1	480	x 720
o video 1	UTIONINO SEC FALSE	- HOP	Tel moto r	600	× 768
				768	x 1024 x 1280
		Down			x 1280 - Can
		Delete			Delete
		Clear			Clear
0		and the second s	1		- International Action
		Properties			Properties
Pseview	OK Cancel	Apply Reb	Pserview	OK Cancel Ac	adu Bob
1000000		- 1922			AA 1935

Figure 9.1

Figure 9.2

4. To create your first region click on the 'Add View' icon and drag your mouse across the white display editor. (*Figure 9.3*)

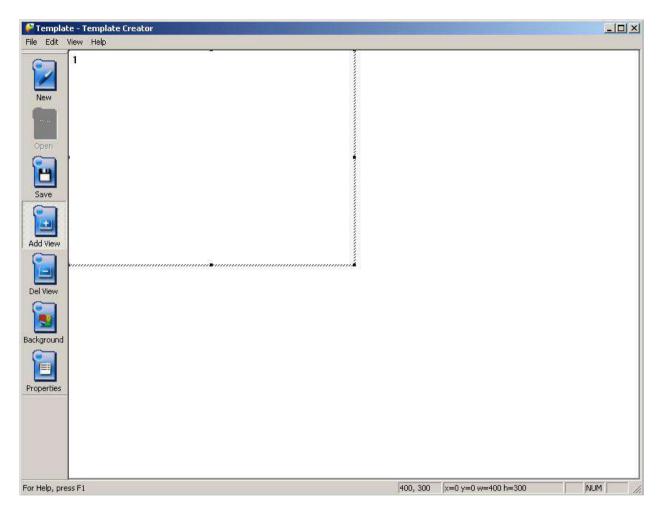


Figure 9.3

5. You may continue adding, deleting, resizing, and moving regions until you are satisfied. (*Figure 9.4*)

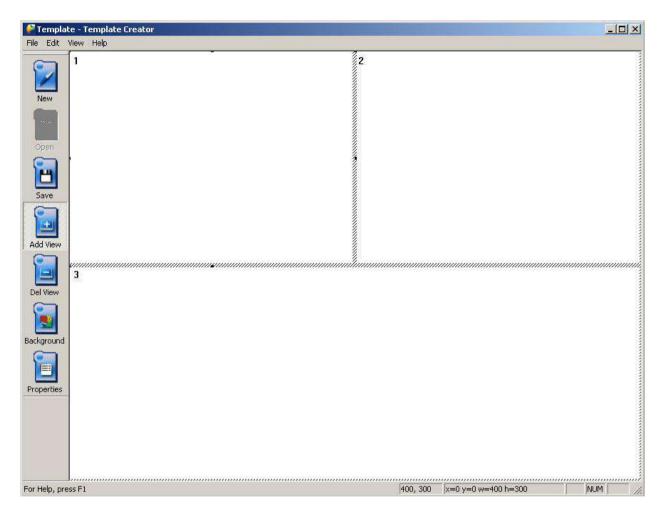


Figure 9.4

6. You can also assign a background image to your layout by clicking the 'Properties' icon and selecting an image from your hard drive. (*Figure 9.5*)

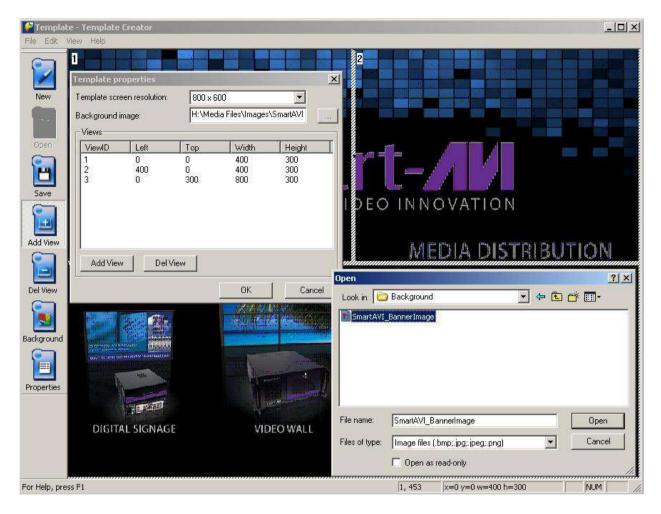


Figure 9.5

7. Once you are satisfied with your layout, save the template file on your computer hard drive. (*Figure 9.6*)

Template - Template Creator		
File Edit View Help Image: Save Save Save Del Del Background Properties	File name: Template Name Save as type: Template Document Cancel	
For Help, press F1	0, 161 x=0 y=0 w=400 h=300	NUM //

Figure 9.6

Now you are ready to assign views. This is where you select which task will be displayed into the different regions you've just created.

8. From the 'Schedule Properties' dialog double click on any of the tasks for this schedule. This will bring up the 'Schedule Task Properties' dialog. (*Figure 9.7*)

Client Configuratio	n Properties			1
General Day & Time	Client Filter View			
Sche	edule name:			
Sch	edule 1			
Schedule Hot Keys Start hot key: None Stop hot key: None Available tasks: Default Video 1 Video 1 Video 2 Video 1 Video 2 Video 2 Video 3 Mage 3 Mage 4 Sheduled tasks for this		at specified	time)	2 B Export
Task name	Duration	AutoResta	art ViewID	
Image 1	0 h 0 min 0 sec	FALSE	Hide	
mage 2	0 h 0 min 0 sec	FALSE	Hide	Up
🖶 Image 3	0 h 0 min 0 sec	FALSE	Hide	Down
				Delete
				Clear
				Properties
Preview	OK Ca	incel	Apply	Help

Figure 9.7

9. Select the view from the dropdown menu you where you would like the task displayed. Then click "ok" (*Figure 9.8*)

¢]	Schedule name: Schedule 1		
P			
	Enabled (shed	duled task runs at specified tin	nej
Schedule Hot I			
Start hot key:	💴 Schedule t	ask properties	×
Stop hot key:			
	O Run ne	ext task in schedule	
vailable tasks: ⊡-@] Default	240	t current task	e Template
- 🗗 Vide	o Wait fo	or end of task period and tart next task in schedule	2
e Vide	(in 1997) (in 19	tart next task in schedule	4
e Ima e Ima			3
- 🗃 Ima			U
🔤 lma		0:0) - until program ends	se Export
		ask after duration period ends	
	Ba	ckground Manager	V Template
heduled tasks fo	Use:		<u>×</u>
Task name	Use View:	Hidden	
🔁 Image 1 🖻 Image 2		, Hidden	
Image 3	OK	View 2	
		View 3	Dow
			Delet
			Clea

Figure 9.8

10. Creeping Line Editor

SignWare-Pro Creeping Line Editor enables you to create a scrolling marquis anywhere on your screen. You can use RSS feeds, text from a file, or simply type text directly into the editor.

- 1. Opening the Creeping Line Editor.
 - a. From the SignWare-Pro Server Manager select 'Run' and click 'Creeping Line Editor' (*Figure 10.1*)

Task Manager		Connected managers:	
User Manager		Manager	User name
Creeping line editor		Station Mngr (SMART-9488BE86	6) Administrator
	From	Description	
ogs: Time 2011.07.08 11:45:44.156	From Server	Description Login user: Station Manaj	ger SMART-9488BE866 (1
Time	and hereinstein and see all		ger SMART-9488BE866 (*

Figure 10.1

- To create and edit scrolling text, select 'Options' and click 'Creeping line options' (*Figure 10.2*)
 - a. In the 'General' tab Creeping Line Property Sheet you are given several options;
 - b. Input text: Type your text directly into the editor. (Figure 10.3)
 - c. Use RSS: Input the URL of the RSS feed of your choice. (Figure 10.4)
 - d. Control the speed of your scrolling text.
 - e. Preview the text directly on your desktop.

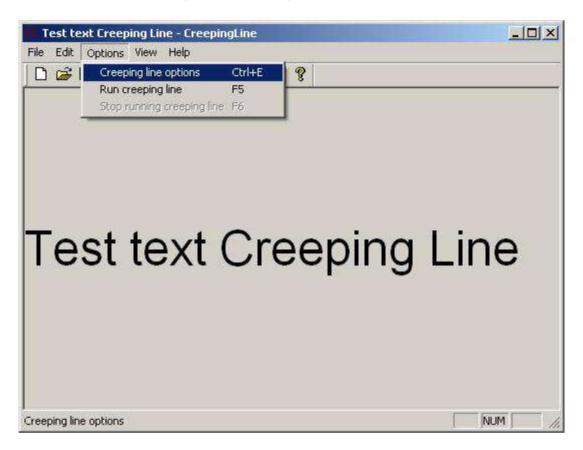


Figure 10.2

eping Line Property Sheet	Creeping Line Property Sheet
Seneral Font Window & Transparency Window Position	General Font Window & Transparency Window Position
Use RSS	🔽 Use RSS
Text	URL:
Test text Creeping Line	Type RSS URL Here
- Text Sciolling Options	Text Scrolling Options
Text scrolling 100 pixels / second	Text scrolling 100 pixels / second
100 pixels / second	100 pixels / second
j	
slower faster	slower faster
WARNING: The creeping line may become more slowly when transparent factor s less than 255, window is too big or system is busy with other processes!	WARNING: The creeping line may become more slowly when transparent factor is less than 255, window is too big or system is busy with other processes! Preview Stop preview
OK Cancel Apply	OK Cancel Apply

Figure 10.3

Figure 10.4

- 3. Customizing fonts
 - a. Select the 'Font' tab to adjust the size, style and color of your font. (*Figure 10.5*)

Font: Arial	Font style: Regular	Size:	ок
Arial O Arial Black O Calibri O Cambria O Cambria Math O Candara O Comic Sans MS	Regular Italic Bold Bold Italic	22 24 26 28 36 48 72	Cancel
Effects	Sample	112	
Strikeout Underline	Aat	BbY	
Color:			
	Western		

Figure 10.5

- 4. Adjust window text and transparency. (Figure 10.6)
 - a. In the Text Window and Transparency dialog box you are given several adjustment options.
 - i. Background Color
 - ii. Window Border:
 - Transparency
 - Transparent Color

eneral Font Window 8	& Transparency Window Position
Background color	Enable resizing window borders
- Transparent options	
Make Creeping Line t	ransparent
6	NOTE! Transparent color will be invisible in a window. You can make it the same as background color, disable
<u>Transparent color</u>	resizing and there will be only a text without window!
Looo Transpara	nt factor (0-255):
	irent 255 - opaque opaque
0 - transpa	irent 255-opaque
0 - transpa	irent 255-opaque
transparent	irent 255 - opaque opaque
transparent	irent 255 - opaque opaque
0 - transpa transparent	irent 255-opaque
0 - transpa transparent	irent 255 - opaque opaque
transparent Test	irent 255 - opaque opaque

Figure 10.6

- 5. Set the position of your creeping text.
 - a. The Window Position dialog lets you decide where you would like the scrolling text to appear on your screen.
 - i. You have the option of either docking your window to the top or bottom of your screen. (*Figure 10.7*)

Beneral Font Window & Transparency Window Position Docking window: Top Absolute position Top Bottom Fonder: 0 600 Top border: 0 8 ottom border: 70 NOTE: Press Shift button to modify creeping line slightly!	
0 Bottom border: 70 70 NOTE: Press Shift button to modify creeping line	2
Shift button to modify creeping line	
Preview Stop preview	

Figure 10.7

Note: You can preview your changes anytime by clicking the 'Preview' button.

- 6. Save your changes.
 - a. To accept your changes click the 'OK' button on your Creeping Line Property Sheet.
 - b. To save your work select 'File' and click either 'Save' or 'Save As' from the section menu. (*Figure 10.8*)
 - c. Name your file and save on your hard drive.

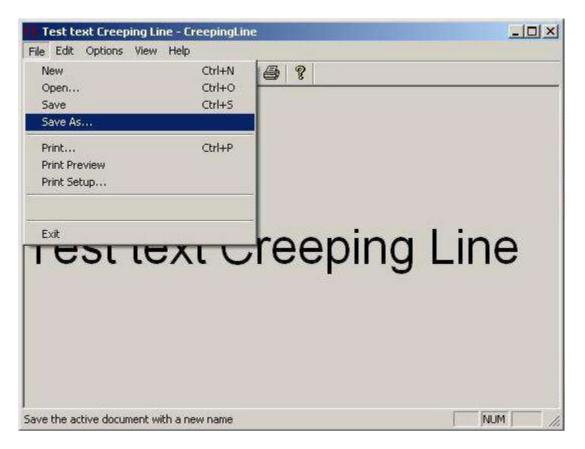


Figure 10.8

The new Creeping Line Manager allows SignWare-Pro users to add multiple Creeping Lines in Tasks rather than in a Schedule. You can now add multi Creeping Lines into specific Tasks.

To add Creeping Lines into a Task:

- 1. Click on the Task Properties of the Task you want to add the Creeping Line into.
- 2. Click on the button that is labeled 'Background Manager' (Figure 10.10)
- 3. In the Creeping Line Manager, you can add existing Creeping Lines or create new ones. To create a new one, click on 'Edit'. To add existing Creeping Lines, click on 'Add' and browse for your file. (*Figure 10.11*)
- 4. You can add more than one Creeping Line in each task. To stop a previous Creeping Line in a different Task that is running in one Schedule, click on 'Stop previous Background.'
- 5. 'Enable Background documents below:' must be checked for the Creeping Lines to play.
- 6. You can change the Creeping Lines in Tasks that are already placed in Schedules by going to your Task properties via the Schedule Properties.

Task Properties	×	Background Manager	×
Task name: Enter task name he Wy Video	e	Enable Background documents below:	
	7	Background file path	
Task type: Video	1		· · · · · · · · · · · · · · · · · · ·
Video file: Enter file path he	Browse		Add
C #3 480p.mov			en 1
🗖 Mule	Background Manager		Edit
Comment: Enler a task comment he	e Managel		Delete
Default task schedule properties Default task schedule properties Default task schedule properties	- de		Up
Duration: 0 0 0 0 0 0 0 Run next task in			Down
(0:0:0) - until program ends O Restait curreni ta	sk.		
Stop task when duration period ends	sk period and sk in schedule		
Save task schedule properties to all occurrences in schedule	after save	J Stop previous Background	
	in the second		
Save Cancel		Cancel	
Figure 10.10		Figure 10.11	

11. Registration and Activation

SignWare-Pro software requires registration and activation for successful use of the SignWare-Pro Manager software after 30 days.

To register, go to 'Help' and click 'Registration' (*Figure 11.1*)

Next, click the link that says 'Get key from WWW'. (Figure 11.2)

Next you want to fill out the form completely, and make sure the Product at the top says SignWare-Pro. After you have completed the form, click the 'Register Now' button. A new window will open; this contains your activation code. Copy the code, close the window, and paste it in the Register Product window in the 'Activation key:' field. (*Figure 11.3*)

Lastly, click the button that says 'Save Changed Registration Information'. The Product Registration Status will say 'Product has been registered' (*Figure 11.4)* Click 'Ok' to close the window.

Note: Make sure you save your activation code in a safe place; it will be needed for product upgrades.

Run Station Configuration Help Clients: Help Connected managers:			Signware v.0.2 (date 2011-07-01) Applica, Inc. Copyright © Applica, Inc. 2005-2011			
📑 Default	Registration About		Jser name odministrator			
					Registration Information	1:
				Registered to user:	Signware	User to which product is registered
				Registered to organization:	Smart-AVI	Organization to which product is registered
ogs:				Product serial key:	PREN-SIGN-1234-5678-9ABC	This key is provided with software product
line	From	Description		-		This key is automatically
011.07.08 11:45:44.156	Server	Login user: Station Manager Sh	1AR T-9468BE966 [127	Computer authorization key:	38046C8F05187353DDCD748FD8B	generated from your Serial key and PC hardware information
				Activation key:		Get key from WWW
i e				Product Registration Status:	7 day(s) remaining for trial per	iod.
Task Manager			Hide		Save Changed Registration Inform	ation 1



Figure 11.2



Figure 11.3

Figure 11.

Specifications

Media Supported	Video / Audio / image / Scrolling text / RSS
Video format	1H264, MPEG1/2/4, VC1, AVS, MJPG at 1080p30, VP6, VP7, VP8, RV, Theora, WMV9 at DVD resolutions
Audio Format	MP3
Image Format	JPEG, BMP, PNG, GIF
Scrolling Message (Ticker)	Horizontal with Adjustable speed, font and background color
Display Resolution	Up to 1920x1080x60hz
SOFTWARE MANA	GER
Windows based machi	ne Win7,Winxp and Windows8
DIMENSIONS	
8.6" x 5.4" x 1.5"	

CPU	700 MHz Low Power ARM1176JZ-F Applications Processor
GPU	Dual Core VideoCore IV®
Multimedia Co-Processor	Dual Core VideoCore IV®
Multimedia Co-Processor	512MB SDRAM
Ethernet	Onboard 10/100 Ethernet RJ45 jack
USB 2.0	Dual USB Connector
Video Output	HDMI 1080p
Audio	Over HDMI
Serial	RS232 Female
Power	5VDC 2A
IR	Optional IR 38Khz
Onboard Storage	SD 8G
Operating System	Linux

Alphabetical Index

Creating and working with schedules	22
Creeping Line Editor	
Disclaimer Notice	4
Firewall	
Getting Started	7
Installing SignWare-Pro Server	
Introduction	3
Limited Warranty Statement	6
Navigating the SignWare-Pro Client	
Registration and Activation	
Running SignWare-Pro Server Software for the first time	15
Server Requirements	44
Setting up the SignWare-Pro Client	9
Specifications	44
Super Schedules	25
Task Manager	
Template Creator	27
Updating the SignWare-Pro Client	14
User Manager	17
What's in the Box?	5

Notes

Notes

© Copyright 2011 Smart-AVI, All Rights Reserved

NOTICE

The information contained in this document is subject to change without notice. Smart-AVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for any particular purpose.

Smart-AVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

No part of this document may be photocopied, reproduced or translated into another language without prior written consent from Smart-AVI.

For more information, visit www.smartavi.com.



SmartAVI, Inc. / Twitter: smartavi 11651 Vanowen St. North Hollywood, CA 91605 Tel: (818) 503-6200 Fax: (818) 503-6208 http://www.SmartAVI.com

www.smartavi.com