





User's Guide *SignagePro v4. 4.0*

www.smartavi.com

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Introduction

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

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

SignagePro 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.

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

SignagePro 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.

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What's in the Box?

PART NO.	QTY	DESCRIPTION
AP-SNCL*	1	SignagePro Client* - <i>Figure A</i>
ASUSBKEY	1	Unique USB Key - <i>Figure B</i>
AP-SNSV-WS	1	SignagePro Server Software Installation CD - <i>Figure C</i>
PS12VDC5A*	1	12-Volt 5-Amp Power Supply* - <i>Figure D</i>
CCPWR06	1	6-Foot Power Cable - <i>Figure E</i>



* Actual part no/product may vary

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 SignagePro Server Software

1. Getting Started

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

General Exceptions Advanced Image: Second Secon	Windows Firewall	🖗 Windows Firewall
Vour 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. Image: State of the when you computer by preventing to this computer, with the exception of those selected on the Exceptions tab. Image: Don't allow exceptions Select this when you connect to public networks in less secure locations, such as atipots. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be growed. Image: Don't allow exceptions	General Exceptions Advanced	General Exceptions Advanced
 On (recommended) This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab. I Don't allow exceptions 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. I Off (not recommended) Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders. What else should Lknow about Windows Firewall? What are the tisks of allowing exceptions? What are the tisks of allowing exceptions? What are the tisks of allowing exceptions?	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:
 C On (recommended) This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab. Don't allow exceptions 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. C Off (not recommended) Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders. What else should Lknow about Windows Firewall? 		Name
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What else should I know about Windows Firewall? What are the risks of allowing exceptions?	Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders:	Add Program Add Port Edit Delete
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	What else should I know about Windows Firewall?	What are the risks of allowing exceptions?
UK Lancel UK La	UK Cancel	UK

Figure 1.1

Figure 1.2

2. Installing SignagePro Server

SignagePro Server requires a unique USB key to be installed. You will find your key on back of the SignagePro Server CD sleeve. In addition, you must complete the online registration for your copy of SignagePro Server. If you do not register within the thirty-day window, your SignagePro 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.

Note: For proper installation of the SignagePro Server software, you must insert the USB protection key provided into any available USB port on your PC before you install the SignagePro Server software. Once inserted, Windows will ask for the drivers; you may cancel that request; drivers will be installed during installation of the software.

- 1. Double click on the SignagePro 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*)
- 3. The next window will be to choose components, make sure "SignagePro Server" is checked. (*Figure 2.2*)
- 4. Choose the installation location you would like to install the SignagePro Server. Click 'Next'.
- 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 SignagePro Manager. For more information on the User Manager, go to Section 2 of the manual.

😰 SignagePro v.4.4.0 Setup			😰 SignagePro v.4.4.0 Setup		
Registration Information Please enter registration information before	installing SignagePro v.4.4.0	P	Choose Components Choose which features of Sign	agePro v.4.4.0 you want to install.	P
Full Name: SignagePro			Check the components you wa install. Click Next to continue.	nt to install and uncheck the components you don't (want to
Organization: Smart-AVI Serial number: PREN-SIGN Install product	-1234-5678-9ABC		Select components to install:	✓ SignagePro Server ✓ HTML Editor (KompoZer 0.7.10) ✓ SignagePro Managers and Previewer.	
 For All users 			Space required: 149.7MB	Position Position your mouse over a component to see its description.	
-	< Back Next >	Cancel		< Back Next >	Cancel

Figure 2.1

Figure 2.2

3. Setting up the SignagePro Client

- 1. Setting up the SignagePro Client
 - a. Connect the power supply cable to the SignagePro client and plug the cable into a grounded power outlet.
 - b. Connect a USB mouse and keyboard to the USB ports.
 - c. Attach the VGA/DVI-D cable from the monitor or display to the VGA/DVI-D port on back of the client.
 - d. Connect the SignagePro 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).

Press the power button to start the SignagePro client.

Turn on the display connected to the client.

- 2. Upon the initial reboot you may receive an error message stating that your password and username are incorrect.
 - a. Click on the 'Change Configuration' button to setup user name and password.
 - Use the username and password you used during the SignagePro Server setup. (Step 2.5)
 - ii. You have the option of using any user you create in the SignagePro User Manager. (Section 2)
 - iii. Once you have entered your new username and password click the 'Apply' button to log onto the SignagePro client.



4. Navigating the SignagePro Client

1. Once you've logged in, use the keys described in *Table 4.1* to navigate the various menus and functions.

KEYSTROKE	FUNCTION
ALT + CTRL + 1	Displays this navigation menu.
ALT + CTRL + 2	Setup Signage options; such as login username and password, IP address, player name, schedule (Figure 4.7)
ALT + CTRL + 3	Setup network configuration. Use this option for static IP or for use over WAN. If your network uses DHCP you will not use this option. (Figure 4.8)
ALT + CTRL + 4	Displays the SignagePro Information Window. Information includes; time & date, download status of your media, current version of SignagePro and connection status.
ALT + CTRL + 5	Allows user to use the Linux terminal.
ALT + CTRL + 6	Disconnects USB flash disks
ALT + CTRL + 7	Turns media on/off
ALT + CTRL + 9	Shut down and turn off the SignagePro client.

Table 4.1

2. Some of these menus include:

• SignagePro Configuration Panel via ALT+CTRL+2

- i. General (Figure 4.1)
 - Server: IP address of the SignagePro server
 - Username and Password
 - Player Name: A unique name given to identify this client on the SignagePro Server network.
- ii. System (Figure 4.2)
 - Monitor Control
 - Keyboard
 - Audio
 - Proxy: Allows your SignagePro client to connect through a proxy server.
 - Resolution: Configure your resolution settings without going back to the Xorg Configuration panel
 - 3G Internet
- iii. Media (Figure 4.3)
 - Flash Quality: We recommend setting this to high quality for general use.
 - PowerPoint: If you are experiencing glitches in your PowerPoint presentations try changing this setting.
 - Video Output
 - X11 (Ximage/Shm)
 - X11/xv: Use this setting if you will be using the SignagePro template feature. This also includes hardware acceleration.
 - Video Input: When using Video Input as a task, select the type of video input (i.e. S-Video, Composite, Tuner)

- iv. Resources (Figure 4.4)
 - Allows you to add your own Logos, Fonts and you can also setup the time for new media to be downloaded.
- v. Report (Figure 4.5)
 - Log level: Maximum, Normal or None.
 - Reports: Set the amount of days you would like to keep reports for.
 - Email Notification: Receive E-mail notifications of from logs via SMTP Server
- vi. Preview
 - Schedules that are running on your client will be shown here.
- vii. Reset (Figure 4.6)
 - This option will set your SignagePro client to factory default settings. All settings and media will be erased.
 - Local Resources: Allows you to add your own Logos, Fonts and you can also setup the time for new media to be downloaded.
- b. Network Configuration Menu via ALT+CTRL+3
 - i. Wired Network (Figure 4.7)
 - If you are connected via CAT-5 cable, your wired connection will be shown here.
 - ii. Wireless Network
 - If you are connected via wireless dongle, your wireless connection will be shown here.
 - iii. Static IP Address
 - If your network connection is setup through Static IPs, you can setup Static IP connection by clicking on 'Properties' and checking the 'Use Static IP' box. (*Figure 4.8*)

SIC	GNAGEPRO figuration Panel	SIG	INAGEPR		SI ()	GNAGEF	PRO Panel
General System	Media Resources Report Preview Reset	General System Monitor Control Control Port: 1 Monitor Model	Media Resources Repo	ort Preview Reset	General Syste Flash O High Quali O Medium Q	m Media Resources 1 ty uality	Report Preview Reset
Server:	192.168.10.2	Keyboard			Low quality	ý	
Player Name:	SignagePro_Client	Lock Keyboar	d on Boot		PowerPoint PowerPoint	t Viewer 97	
User:	Administrator	Unlock PIN:			O PowerPoint	t Viewer 2003	
Password:		Microphone o	luring keylack		Video Player		
Server Detection Find Local Se Find server u Url: User:	on erver using net	Audio Analog HDMI Volume: Proxy HTTP Proxy:		Port:	Video Dutput O X11 [Xir O X11/Xv O VDPAU Use Multip V Fixed Video	t mage/Shrn) ile CPUs 📋 Skip loop fii o Output 🗌 Crop black	ters 🗹 Keep Aspect fields
Password:		Resolution			Video Input		
-Remote Adnmi	nistration	1152x864@75		 ▼	Video Input:	1	•
Fail Safe		3G Internet			Device:	video 0	
Beboot if Un	able to Connect Server for: 1 Chours	be life :)		-	input;	S-Video	 T
		New	Delete	Edit	Norm:	NTSC	
					Frequency:	30000	•
						N as sound	
	<mark>≋</mark> ⊆ancel <i>∉</i> <u>0</u> K		X C:	ancel <u>40</u> K	811. 	8	<mark>¢C</mark> ancel

Figure 4.1

Figure 4.2

Figure 4.3

SIGNAGEPRO Configuration Panel	SIGNAGEPRO Configuration Panel	SIGNAGEPRO Configuration Panel
General System Media Resources Report Preview Reset Logo None Install from USB Uninstal Foots	General System Media Resources Report Preview Reset	General System Media Resources Report Preview Resat WARNING: This RESET function will ERASE ALL DATA AND SETTINGS stored on this device and cannot be undone.
Install from USB Uninstall Prefered time of download: Start End Hour: 0 * Hour: 24 * Minute: 0 * Minute: 0 * Site on Touch	Reports Keep reports for: 30 4 days Email Notification SMTP Server: 127.0.0.1	RESET
Url	SMTP Port: 25 From Email: To Email: Use TLS SMTP Auth: NONE<▼	
🎉 Cancel 🥥 QK	SMIP Auth Password: Send Test Message	K Cancel

Figure 4.4

Figure 4.5

Figure 4.6



Figure 4.7

Figure 4.8

- 3. Once you have finished with your configuration click 'OK' to save your settings and connect to the SignagePro Server.
- 4. Once you are connected, open the SignagePro Server Manager. You will see the Client. (*Figure 4.9*)

Run Station Configuration Clients: Default Client SignagePro_Client	Help	Connected managers: Manager Station More (SMART, 94090E0CC)	User name
Clients Default SignagePro_Client		Connected managers: Manager Station Marce (SMART 94090E0CC)	User name
Default		Manager Station Mage (SMADT 9499DE9001)	User name
🦾 🖵 SignagePro_Client		Chatican Marger (CMADT 9/000DE0CC)	
		Statuon mingi (Simikin 1-34000E.000)	Administrator
.ogs: Time	From	Description	
1 me	Conver	Description	CHART 04000E0CC (12
<u> </u>			<u>Þ</u>
Task Manager			Hide
ser Administrator logged in suc	cessfully		

Figure 4.9

5. Adding your company logo

One of the major functions of digital signage is to get your message out and to increase your brand recognition. One of the most important aspects of your brand is your logo. Combining your logo with informative content is one of the best ways to do this.

Each logo on the SignagePro server consists of two files; an image file and a text file. The text file describes the placement of the logo and adds a time and date.

To enable your logo please do the following;

- 1. If you haven't done so already, create an image file of your company logo. SignagePro support the following image formats; .png, .jpg and .gif.
- Create a text file using notepad (or comparable text editor) and insert the fields from *Tables* 5.2 and 5.3. See *Table 5.1* for format examples.

SAMPLE .SLOGO FILE WITHOUT CLOCK F	FUNCTION
picture = logoname.png origin = bottom left p offset_x = 10 offset_y = 10 of te te	picture = logoname.png origin = bottom left offset_x = 10 offset_y = 10 text = %H:%M:%S text_x = 0 text_y = 37 text_face = Arial text_size = 16 text_color = #000000 text_slant = normal text_weight = normal

Table 5.1

- 3. Save the file using the file name you used for your logo and .slogo as the extension. Example= logoname.slogo
- 4. Copy the image file and the .slogo file onto your USB flash drive.
- 5. Insert the USB flash drive containing your logo image file and the .slogo file into the SignagePro client.
- 6. Run the configuration tool by pressing ALT+CTRL+2.
- 7. Select the 'Logo" tab.
- 8. Select logo in dialog box and click 'Ok'
- 9. You can install more logos from USB flash disk pressing "Install from USB" button".

The following table describes the different fields in the .slogo file and their meaning.

FIELD	VALUES
Picture	Should specify PNG file that will be used as background for logo. If PNG have alpha channel these areas will be transparent.
Origin	This field can be one of 4 possible values: • bottom left • bottom right • top left • top right This value defines the corner of the screen from which offset value is taken.
offset_y	This is length of "Y" coordinate between origin point and logo's closest point to origin.
text	This is text that will be displayed on logo. Ordinary characters displayed without conversion. Conversion specifications are introduced by a character '%' see next table.
text_x	'X' coordinate of text inside of logo
text_y	'Y' coordinate of text inside of logo
text_face	Font name
text_size	Font size
text_color	Font color in HTML format (example: #000000)
text_slant	Text slant (normal, italic)
text_weight	Text weight (bold, normal)

Table 5.2

You have the option of adding time and date to your logo by adding one of the following fields to your .slogo file. (*Table 5.3*) *See example* (*Table 5.1*)

CHARACTE R	DISPLAY VALUE
%a	The abbreviated weekday name according to the current locale.
%A	The full weekday name according to the current locale.
%b	The abbreviated month name according to the current locale.
%B	The full month name according to the current locale.
%с	The preferred date and time representation for the current locale.
%C	The century number (year/100) as a 2-digit integer. (SU)
%d	The day of the month as a decimal number (range 01 to 31).
%D	Equivalent to %m/%d/%y.
%e	Like %d, the day of the month as a decimal number, but a leading zero is replaced by a space.
%F	Equivalent to %Y-%m-%d (the ISO 8601 date format). (C99)
%G	The ISO 8601 year with century as a decimal number. The 4-digit year corresponding to the ISO week number (see %V). This has the same format and value as %y, except that if the ISO week number belongs to the previous or next year, that year is used instead. (TZ)
%g	Like %G, but without century, i.e., with a 2-digit year (00-99). (TZ)
%h	Equivalent to %b. (SU)
%H	The hour as a decimal number using a 24-hour clock (range 00 to 23).
%I	The hour as a decimal number using a 12-hour clock (range 01 to 12).
%ј	The day of the year as a decimal number (range 001 to 366).
%k	The hour (24-hour clock) as a decimal number (range 0 to 23); single digits are preceded by a blank. (See also %H.) (TZ)

%I	The hour (12-hour clock) as a decimal number (range 1 to 12); single digits are preceded by a blank. (See also %l.) (TZ)
%m	The month as a decimal number (range 01 to 12).
%M	The minute as a decimal number (range 00 to 59).
%n	A new line character. (SU)
%O	Modifier: use alternative format, see below. (SU)
%n	Either AM or PM according to the given time value, or the corresponding strings for the current locale. Noon is
70P	treated as pm and midnight as am.
%P	Like %p but in lowercase: am or pm or a corresponding string for the current locale. (GNU)
%r	The time in a.m. or p.m. notation. In the POSIX locale this is equivalent to %I:%M:%S %p. (SU)
%R	The time in 24-hour notation (%H: %M). (SU) For a version including the seconds, see %T below.
%s	The number of seconds since the Epoch, i.e., since 1970-01-01 00:00:00 UTC. (TZ)
%S	The second as a decimal number (range 00 to 60). (The range is up to 60 to allow for occasional leap seconds.)
%t	A tab character. (SU)
%T	The time in 24-hour notation (%H: %M: %S). (SU)
%u	The day of the week as a decimal, range 1 to 7, Monday being 1. See also %w. (SU)
%U	The week number of the current year as a decimal number, range 00 to 53, is starting with the first Sunday as the first day of week 01. See also %V and %W.
%V	The ISO 8601:1988 week number of the current year as a decimal number, range 01 to 53, where week 1 is the first week that has at least 4 days in the current year, and with Monday as the first day of the week. See also %U and %W. (SU)
%w	The day of the week as a decimal, range 0 to 6, Sunday being 0. See also %u.
%W	The week number of the current year as a decimal number, range 00 to 53, is starting with the first Monday as the first day of week 01.
%x	The preferred date representation for the current locale without the time.
%X	The preferred time representation for the current locale without the date.
%у	The year as a decimal number without a century (range 00 to 99).
%Y	The year as a decimal number including the century.
0/	The time-zone as hour offset from GMT. Required to emit RFC 822-conformant dates (using "%a, %d %b %Y %H:
90Z	%M: %S %z″). (GNU)
%Z	The time zone or name or abbreviation.
%+	The date and time in date (1) format. (TZ)
%%	A literal % character.

Table 5.3

To uninstall a logo, select the logo you wish to uninstall and select the 'Uninstall' button.

6. Updating the SignagePro Client

In an effort to produce the best digital signage system on the market, we will continue to make upgrades to our products. Starting from version v0.7.5, you can now update the client directly from the SignagePro server.

To update to the newest version of the SignagePro client, you will need to do the following;

- 1. Unpack the SignagePro 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 SignagePro client will reboot automatically.
- 6. You may need to reconfigure client settings again.

IMPORTANT: During the update, the background on the SignagePro client will become RED. DO NOT TURN OFF OR UNPLUG THE CLIENT during this operation. If you do so, the SignagePro client will no longer operate and you will need contact customer support for a new system file.

Task Properties		Client Configuration Properties	
Task name:	Enter task name here	General Day & Time Dlient Filter View	
😥 Update Task		Schedule name:	
			-
Task type: Upda	ate 💌	Enabled (sheduled task runs at spe	cified time;
Update file:	Enter file path here	Schedule Hot Keys:	
Open			
Look in: [🙆 update		Available tasks:	Use Template
🚾 update.img		Default	
			Browse Export
			Non Temple
Filo nomo:		Tack name Duration Art	oBestart ViewID
rile name. Jupdate	Upen	Update Task 0 h 0 min 0 sec FAL	SE
Files of type: UPDATE fi	les (*.img) 🗾 Cancel		Up
	v razd onlu		Down
j open as	(read-only		Delete
Save task schedule pr	operties to all occurrences in schedules after save	3	Liear
			Properties
	Save Cancel	Preview OK Cancel	Applu Help
			1.446.0 (100)b

Figure 6.1



Section 2 Using the SignagePro Server Software

7. Running SignagePro Server Software for the first time

- 1. Double click on the SignagePro 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 7.1*)
- 3. Once the SignagePro Server Station Manager is loaded. You will see the following;
 - a. Connected SignagePro clients
 - b. Loopback IP. (127.0.0.1)
 - c. Your user name and password. Click Save Password to stay logged in. (Figure 7.2)

User name
38E866) Administrator
Manager SMART-9488BE866 [127
Hide

Figure 7.1

Figure 7.2

7.1 Firewall

SignagePro 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 SignagePro Manager, and the initial start of the software, you will be asked to by the windows firewall to unblock, or keep blocking SignagePro Manager. You want to make sure you unblock it. (*Figure 7.1.1*)

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



Figure 7.1.1

7.2 User Manager

Our user manager now allows SignagePro 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 SignagePro 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 7.2.1*)

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 7.2.2*)

Installing			P	Clients		Connected managers	
Please wait w	vhile SignagePro v.4.4.0 is be	ing installed.		E 🛃 Default		Manager	User name
P Default	Administrator User Pro	nerties	XI			Task Mngr (SMART-9488	BE866) Administrator E866) Administrator
(A desirable to the second second second	Future desirities to a second		Server L	ogon settings		Σ β) Administrator
	Administrator	Enter administrator user			Type the nam	e of the computer or choose a	
	Password:	Enter user password here			computer from	n the drop-down fist.	
					Computer:	127.0.0.1	-
	Confirm password:	Reenter user password here			User Name.	Administrator	-
	1111			Logs	Password:	xxxxx	
	If you click Cancel, the def	ault users set will be created.		2011.06.02.09:29:35.250 2011.06.02.09:13:08.750 2011.06.02.09:13:08.750		Save Password	ager SMART 9488BE866 [1 ger SMART 9488BE866 [127 per SMART 9488BE866 [127
	Save	Cancel		2011.06.02 11:07:01.796		OK Cancel	edule 0003
ł				4			
e		7		Task Manager			Hide

Figure 7.2.1

Figure 7.2.2

After you log into the SignagePro manager, you can create new users by clicking 'Run,' then clicking on 'User Manager' (*Figure 7.2.3*)

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 7.2.4*):

- **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.

Name Full Name Description User Mana. ministrator Default Presenter Monger NO ord Default Presenter Client NO or Default SignagePro Client NO nagePio_user Default SignagePro Client NO Password: Enter user description he User rights Confirm password: Reenter user password he User rights Client Task Manager Menaged Clients	er Configuration				1100	User name:	Enter user name here
Administrator Default Presenter User Ad. YES Manager Default Presenter Manager ND Client Default Presenter Client ND User Default SignagePro_Liert ND Default SignagePro_Lier ND Default SignagePro_Lier ND Default SignagePro Client ND SignagePro_Lier SignagePro Client ND Default SignagePro Client ND SignagePro_Lier SignagePro Client ND Default SignagePro Client ND SignagePro_Lier SignagePro Client ND SignagePro_SignagePro Client SignagePro Client Signage	ser Name	FullName	Description	User Mana		New User	
Manager Default Presenter Manager NO Client Default Presenter Client NO User Default Presenter Client NO SignagePio_user Default SignagePro Client NO Password: Enter user description he Confirm password: Reenter user password he User rights Client Client Client Station Manager Managed Clients	Administrator		Default Presenter User Ad	YES		C.I.	F 1 1 1 1 1 1 1 1
Client Default Presenter Client ND Default Presenter Client ND SignagePro_user Default SignagePro Client ND Password: Enter user description he Confirm password: Reenter user password he SignagePro_user	Manager		Default Presenter Manager	NO		Fuil name:	Enter user's complete name nere
User Default Presenter Client NO SignagePro_user Default SignagePro Client NO Password: Enter user password he Confirm password: Reenter user password he Confirm password: Reenter user password he Confirm password: Reenter user password he User rights Client Task Manager Managed Clients	Client		Default Presenter Client	NO			
Image: SignagePro_user Default SignagePro Client NO Description Enter user description he Password: Enter user password he Image: Confirm password: Reenter user password he User rights Image: Client Image: Client Image: Client Image: Ima	User		Default Presenter Client	NO			
Password: Enter user password he Confirm password: Reenter user password he Manager Manager Manager Manager	SignagePro_user		Default SignagePro Client	NO		Description	Enter user description here
Password: Enter user password he Confirm password: Reenter user password he User rights Client Task Manager Managed Clients						1	
Password: Enter user password he Confirm password: Reenter user password he User rights Client Task Manager Managed Clients Station Manager						1	
Confirm password: Reenter user password h User rights Client Task Manager Managed Clients						Password:	Enter user password here
User rights Cient Task Manager Station Manager						1	
User rights Client Task Manager Managed Clients Station Manager						Confirm password:	Beenter user password here
User rights Client Task Manager Managed Clients Station Manager						commi pacencia.	ricontal acci patentila hole
User rights Client Task Manager Managed Clients Station Manager							
Client Client Task Manager Managed Clients Station Manager						- User rights	
Task Manager Managed Clients						Client	
I Task Manager Managed Utents Station Manager							F
Station Manager						I ask Manager	Managed Clients
						Station Manager	an ann an Ar
User Manager				•		User Manager	

Figure 7.2.3

Figure 7.2.4

Click 'Save'. You will then see the new user in the list. (Figure 7.2.3)

8. Task Manager

The main feature of SignagePro 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 8.1)

		Lonnected managers:	
🗄 🛃 Default	8	Manager	User name
ogs: Time	From	Description	
ogs: Time 2011.05.31 12:40:49.484	From Server	Description Login user: Station Manager	SMART-9488BE866 [

Figure 8.1

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 SignagePro.

Defau	ew Task	Ins	Tupe	Command	Start folde
Sc D	ew Massive of Tasks elete Task	Ctrl+M Ctrl+M Del 1	Video	H:\Media Files\Videos\tf3	
D	uplicate	Ctrl+U 1	Video Image	H:\Media Files\Videos\han H:\Media Files\Images\Sm	
	ove task to Group	2	Image	H:\Media Files\Images\Sm	
	operties	Enter 3	Image	H:\Media Files\Images\Sm	
🚽 🔁 Vide	eo 2	Video Input	image Video Input	H: \Media Files \Images \om Videoloout 1	
e Imag bilinag	ge 2 ge 3 ne 4				
Vide	o Input				

Figure 8.2

To create a new task:

- 1. Select Task and select 'New Task'. (Figure 8.2)
- Select the type of file you are going to use. (*Figure 8.3*) You can select from a wide variety of file types such as Creeping lines (marquis text), Web Pages, PowerPoint, Video, PDF, Images and more)
- 3. Select the file located on your hard drive (*Figure 8.4*) 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.

Task Properties		📕 🔤 Task F	Properties			
Task name: Video 1	Enter task name here		Task name Video 1	ŧ	Enter task name here	
Task type: Video Background PowerPoint Flash Video PDF Image Update Excel Schedule	Enter a task: comment mere	s	Fask type:	Video Background PowerPoint Flash Video PDF Image Update Excel Schedule E	nter a task cominent nere	Add Delete Additional files Background Manager
Default task schedule properties Duration: 0:0:0) - until program ends Stop task when duration period en Use.	Operation at end of task O Run next task in schedule O Restart current task Wait for end of task period and then start next task in schedule	Defau Dura ⊡ S Use.	It task schedu tion: 0 (0:0:0) - until itop task wher	le properties	Operation at end of tas O Run next task in sch O Restart current task Wait for end of task then start next task	k nedule period and in schedule
Save task schedule properties to a	Il occurrences in schedules after save		iave task sche	dule properties to all o	courrences in schedules a	iter save

Note: You can override these configurations in the 'Schedule' menu. (Part 9)

Figure 8.3



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.

9. Creating and working with schedules

- 1. In the Task Manager select 'Schedule' and click 'New Schedule'. The Schedule Properties Dialog will appear. (*Figure 9.1*)
- 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 9.2*)
 - b. With the task highlighted click the arrow just to move the task into your schedule. (*Figure 9.2*)
 - 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 9.1

Figure 9.2

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 9.3*)
 - 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 9.4*)
 - d. Click 'OK' to save your settings.

P s	chedule task properties 🛛 🔀
	peration on end of task
	O Run next task in schedule
	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 Stop task after duration period ends
	Background Manager
Use	
	OK Cancel

*More about templates in Part 10.



🚨 Schedule ta	ask properties	×
- Operation on	end of task	
O Run ne	ext task in schedule	
O Restart	current task	
O Wait for then st	r end of task period and tart next task in schedule	
Duration: (0:0	0 : 0 : 0 D:0) - until program ends sk after duration period ends	
Bac	skground Manager	
Use:		Y
Use View:	Hidden	-
	Hidden	
UK	View 1	

Figure 9.4

- 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 9.6)
 - 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 9.7)
 - d. **Run periodically:** Set the time and date for your schedule to play. This option allows you to alternately control a variety of schedules.

📴 Client Configuration Properties

Run once Days of V Run periodically	Months		\mp
Run on player start			
Mondau	Janu V Febr	lary Llaru	
✓ Monday ✓ Tuesday	Marc	ch s	
🗹 Wednesday	🗹 April		
✓ Thursday	May May		
I Friday II Sahudau	I June		
			<u> </u>
lays of month:	Example	: 3, 15-20 🗖	Last day of month
'ears:		Exan	nple: 2000, 2005-2007
Schedule stait time		- Schedule be	gin/end date
Start time: 3:28:00 PM -	Additional	E Begin	5/31/2011
Run after Power Failure			
Schedule duration	7		3.46:19 PM
Duration: 0 : 0 :	0		
(0:0:0-notime	limit)	1 End	5/31/2011
Loop schedule			3.46:19 PM
Repeat schedule			
Every: 0 -	nutes 🔻		
			1
Juling: 24 : 0 :	0		Advanced

	Thursday ,	June	02,2011	•	1	
	•	June, 2	011			
	Sun Mor	Tue Wee	Thu Fri	Sat		
	29 30 5 6	31 1 7 8	9 10	11		
	12 13	14 15	16 17	18		
	26 27	ZI 22 Z8 29	23 24 30 1	2		
Calcadada atau	3 4	56	7 8	9		
Start time:	4-11-00 PM	day: 6/2/	dditional			
Bun after	Power Failur	- <u></u>	idanisi fai			
	duration			9) () 71		
Duration:	: 0	: 0				
, T	0:0:0-no	time limit)				
Loop sch	edule					
Repeat s	hedule			1		
Every: 0		minutes	-			
		-	-			
	4 11	1 K 1				2 M P 10 M 200 P 1

×

Figure 9.6

Figure 9.7

9.1 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 9.1.1*)
- 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 9.1.2*)
- 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 9.1.1

Figure 9.1.2

9.2 USB Schedule Support

SignagePro supports the usage of delivering media content to the client via USB thumb drive, for environments that do not have network support, or if the network is offline.

To use USB support;

Have a USB thumb drive with enough disk space that can store your schedule and tasks. Format the thumb drive so it has no other data on it.

Create a schedule and add the tasks that you want to play into that schedule.

Make sure in the schedule properties; you have the schedule 'Enabled'.

Under the Day & Time tab, check the settings you want, and the time you want your schedule to start. Apply your changes to the schedule properties.

Next, click on 'File' then 'Export schedule' in the Task Manager. In the next window, only check the schedules you want to be exported onto the USB thumb drive (*Figure 9.2.1*). Click 'Ok' and browse to the root of your thumb drive, give your exported schedule a name and click 'Save'. Wait until you see the progress of the transfer completely. (*Figure 9.2.2*)

Safely remove your USB thumb drive from your PC, bring it to your SignagePro Player, and insert the USB thumb drive into an available USB slot. Your schedule and tasks will then download onto the client automatically. Wait until your schedule starts to play (at the time your specified), you can then remove you USB thumb drive.

vailable schedules:	Ŧ	Ξ
Schedule		
SuperSchedule 1		
Schedule 1		
Copy to internal storage		



Figure 9.2.1

Figure 9.2.2

10. Template Creator

The Template creator is powerful feature of SignagePro. 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 10.1)
- 3. Select the resolution of your client's display. (*Figure 10.2*)

Client Configuration Properties	🖳 Client Configuration Properties 🛛 🗶
General Day & Time Client Filter View	General Day & Time Client Filter View
Schedule name:	Schedule name:
Schedule 1	Schedule 1
Enabled (sheduled task runs at specified time)	Enabled (sheduled task runs at specified time)
Schedule Hot Keys: Start hot key: None Stop hot key: None	Schedule Hot Keys: Start hot key: None Stop hot key: None
Available tasks:	Available tasks:
Out O	Percent of the second secon
Task name Duration AutoRestart ViewID	Task name Duration AutoResta 480 x 640
Video 1 0 h 0 min 0 sec FALSE Hide	Image: Wideo 1 0 h 0 min 0 sec FALSE 576 x 768 600 x 800 768 x 1024 720 x 1280 own 768 x 1280 own 768 x 1280 cover Clear Clear
Preview OK Cancel Apply Help	Preview OK Cancel Apply Help

Figure 10.1

Figure 10.2

4. To create your first region click on the 'Add View' icon and drag your mouse across the white display editor. (*Figure 10.3*)



Figure 10.3

5. You may continue adding, deleting, resizing, and moving regions until you are satisfied. (*Figure 10.4*)



Figure 10.4

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 10.5*)



Figure 10.5

7. Once you are satisfied with your layout, save the template file on your computer hard drive. (*Figure 10.6*)

PTemplate - Template Creator	
File Edit View Help	
New Open	2
Save Save Add View Del View Background Properties	Save in Templates 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 10.6

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 10.7*)

P	Calculated	ame:			
	Schedule I				
	🗹 Enabled	(sheduled task runs	at specified tin	ne)	
-Schedule H	Hot Kevs:				
Start hot ke	y: None				
Stop bot ke	ur None				
Stop not ke	y. prone	16			
vailable task	(5:			A	S
🖃 🦲 Defa	ault			I∕ Use Ter	nplate
•	Video 1			1	2
•	Video 2				4
	Image 1			-	
	Image 2				5
	Image 3				-
TRANSPORT OF TRANSPORT	Income di				
	Image 4 Video Input			Browse	Export
	Image 4 Video Input			Browse	Export
	Image 4 Video Input			Browse New Ter	Export
.heduled tas	Image 4 Video Input	<mark>↑ ¥</mark>		Browse New Ter	Export
heduled tasl	Image 4 Video Input	▲ ule: Duration	AutoRestart	Browse New Ter	Export
iheduled tasl	Image 4 Video Input	↑ ↓ ↓ ule: Duration 0 h 0 min 0 sec	AutoRestart	Browse New Ter ViewID Hide	Export
heduled tasl	Image 4 Video Input	Luration Oh 0 min 0 sec Oh 0 min 0 sec	AutoRestart FALSE FALSE	Browse New Ter ViewID Hide	Export
heduled tasl Task name Image 1 Image 2 Image 3	Image 4 Video Input	↑ ↓ ↓ ule: Duration 0 h 0 min 0 sec 0 h 0 min 0 sec 0 h 0 min 0 sec	AutoRestart FALSE FALSE FALSE	Browse New Ter ViewID Hide Hide Hide	Export
iheduled tasl Task name Image 1 Image 2 Image 3	Image 4 Video Input	Luration Oh 0 min 0 sec	AutoRestart FALSE FALSE FALSE FALSE	Browse New Ter ViewID Hide Hide Hide	Export nplate
iheduled tasl Task name Image 1 Image 2 Image 3	Image 4 Video Input	↑ ↓ ↓ ↓ ule: Duration 0 h 0 min 0 sec 0 h 0 min 0 sec 0 h 0 min 0 sec	AutoRestart FALSE FALSE FALSE FALSE	Browse New Ter ViewID Hide Hide Hide	Export nplate Up Down Delet
iheduled tasl Task name Image 1 Image 2 Image 3	Image 4 Video Input	▲ Verticity of the section of th	AutoRestart FALSE FALSE FALSE FALSE	Browse New Ter ViewID Hide Hide Hide	Export nplate Up Down Delet

Figure 10.7

9. Select the view from the dropdown menu you where you would like the task displayed. Then click "ok" (*Figure 10.8*)

e .1	Schedule na	ame:			
	Schedule 1				
	🗹 Enabled	(shedule	ed task runs at specifi	ed time)	
- Schedule Hot	Keys:				
Start hot key:	V 📴 Scher	lule tas	k properties	x	Ĩ
Stop hot key:	- Operati	on on en	nd of task		
E. C.					
Available tasks:	- 01	iun next i	task in schedule		e Template
E Default		restart cu Vait for or	urrent task nd of task period and		
I Vide		• Wait for end of task period and then start next task in schedule			2
📑 Ima	ç				0
👘 İma	g Dura	ation:	0:0:0		3
e Ima	⊆ c	(0:0:0)) - until program ends		
🔚 🐻 Vide	- I I S	itop task	after duration period	ends	se Export
14 14	7	Backo	vound Manager	1	Tomolata
		Dacky	jiounu manager]	v rempiate
Sheduled tasks fi	use;			*	
Task name	Use View	r.	Hidden	•	
Image 1			Hidden		
可 Image 3		UK	View 1 View 2	-	
	4		View 3		J Down
					Delete
					Clear
					1 2 3 1

Figure 10.8

11. Creeping Line Editor

SignagePro 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 SignagePro Server Manager select 'Run' and click 'Creeping Line Editor' (*Figure 11.1*)

un Station Configuration	i Help			
Task Manager		Connected managers:		
User Manager		Manager User name		
Creeping line editor	nt	Station Mngr (SMART-94888	8E866) Administrator	
ogs:	From	Description		
ogs: Time 2011.06.02 12:44:02.468	From Server	Description Login user: Station N	1anager SMART-9488BE866 (
ogs: Time 2011.06.02 12:44:02.468	From Server	Description Login user: Station N	1anager SMART-9488BE866 (

Figure 11.1

- To create and edit scrolling text, select 'Options' and click 'Creeping line options' (*Figure 11.2*)
 - 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 11.3)
 - c. Use RSS: Input the URL of the RSS feed of your choice. (Figure 11.4)
 - d. Control the speed of your scrolling text.
 - e. Preview the text directly on your desktop.



Figure 11.2

eping Line Property Sheet	Creeping Line Property Sheet
ieneral Font Window & Tiansparency Window Position	General Font Window & Transparency Window Position
🗖 Use RSS	IV 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
slower faster	slower faster
WARNING: The creeping line may become more slowly when transparent factor is less han 255, window is too big or system is busy with other processes!	WARNING: The creeping fine 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	Preview Stop preview
OK Cancel Apply	OK Cancel Apply

Figure 11.3

Figure 11.4

- 3. Customizing fonts
 - a. Select the 'Font' tab to adjust the size, style and color of your font. (*Figure 11.5*)

S Font:	Font style:	Size:	
Arial O Arial O Arial Black O Calibri O Cambria	Regular Regular Italic Bold Bold Italic	22 A 24 26 28	OK Cancel
O Cambria Math O Candara O Comic Sans MS	Sample	36 48 72 ▼	
Color:	Aat	BbY	
Black	Script: Western		

Figure 11.5

- 4. Adjust window text and transparency. (Figure 11.6)
 - a. In the Text Window and Transparency dialog box you are given several adjustment options.
 - i. Background Color
 - ii. Window Border:
 - Transparency
 - Transparent Color

Background color	Enable resizing window borders
ransparent options	
 Make Creeping Line t <u>I</u>ransparent color 	NOTE! Transparent color will be invisible in a window. You can make it the same as background color, disable resizing and there will be only a text without window!
200 Transparer 0 - transpa	nt factor (0-255): irent 255 - opaque
ransparent	opaqu
lest	text Creeping
1000	
1000	

Figure 11.6

- 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 11.7*)

locking window:	Top	T		
OCKING WINDOW.	None			
Absolute position—	Top Bottom	porder:		
	0 60	10	1024x768	<u>_</u>
Top border:			_	_
0				
Bottom border:				
70				
NOTE D				
NUTE: Press Shift button				
to modify creeping line				
to modify creeping line slightly!				
to modify creeping line slightly!				
to modify creeping line slightly!		1		

Figure 11.7

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 11.8*)
 - c. Name your file and save on your hard drive.



Figure 11.8

The new Creeping Line Manager allows SignagePro 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 11.10)
- 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 11.11*)
- 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:	Entertask name here		Enable Background documents below:	
			Background file path	
Task type: Video	<u> </u>			
Video file:	Enter file path here			Add
• 1 • 13 480p.mov		Additional files		
T Mule	_	Background		Edit
Comment:	Enter a task comment here	Manager		Delete
	14			
Default task schedule properties				Up
Duration: 0 0	0 Dperation at end of task	dula		Down
(0:0:0) - until program end	ds O Restait curreni task	uule		1
Stop task when duration pe	o Wait for end of task p	eriod and Ischedule		
Use:				
Save task schedule propert	ues to all occurrences in schedules aft	91 SAVE	Stop previous Background	
Sav	re Cancel	211	Save Cancel	
Fi	gure 11.10		Figure 11.1	1

12. Configuring the SignagePro Client Screen Resolutions

If you want more resolutions you will need to configure the SignagePro Client. Configuring the SignagePro Client is easy to do and only take a few minutes.

- 1. Logging into the configuration console.
 - a. Once you turn on the client, you are greeted with the SignagePro Splash Screen.
 - b. After the kernel initiates you are given approximately 15 seconds to press 'F2' and enter the configuration console.

clcome to configuration console.	
f you want to configure Xorg run: axorgcfg	
o install fonts from usb flash disk run: installfonts	
o remove installed fonts run: removefonts	
a reboat run: reboat	
bash-3.2# _	

Figure 12.2

- 2. Once you are at the configuration console you are given four options. (*Figure 12.2*)
 - a. If you want to configure xorg run: axorgcfg
 - i. This is where you configure your monitor and resolution settings.
 - b. To install fonts from USB flash run: installfonts
 - i. Typing installfonts into the command line will install fonts from your USB flash drive.
 - ii. It is important to note that if you use specialized fonts in your presentations, you will need to install those fonts onto the SignagePro client for your presentation to display properly.
 - c. To remove installed fonts run: removefonts
 - i. Type 'removefonts' into the command line and press 'Enter' to remove any fonts that are no longer being used.
 - d. To reboot run: reboot
 - i. Typing 'reboot' into the command line reboots



Figure 4.3



Monitor VertRefresh	
You must indicate the vertical sync range of your monitor. You can either select one of the predefined ranges below that correspond to industry-standard	Screen rotation Please specify screen rotation:
monitor types, or give a specific range. For interlaced nodes, the number that counts is the high one (e.g. 87 Hz rather than 43 Hz). Enter your own vertical sync range 50 - 70 50 - 90 50 - 100 40 - 150	Normal - Do not rotate CU - Rotate screen clockwise INVERT - Invert screen CCW - Rotate screen counter clockwise
[Pinish] Cancel	[<u>M</u> ext >>] Cancel

Figure 4.5



3. The Configuration Panel – Main Menu (Figure 4.3)

From this menu you are given the following options;

a. Configure monitor

i. Each time you connect a new display to the SignagePro Client you will need to add or edit the monitor settings;

ii. Horizontal sync range

- Select the horizontal sync range that corresponds to your monitor. (Figure 4.4) •
- It is recommended that you select a sync range that accommodates the highest • resolution for your display. If you are unsure, please refer to your display manual.
- Select 'Next' and click 'Enter'

iii. Vertical refresh rate

- Select the vertical refresh rate that corresponds to your monitor (*Figure 4.5*)
- If you are unsure of this setting, please refer to your display manual.
- Select 'Finish' and click 'Enter'

b. Configure screen

- Each time you connect a new display to the SignagePro Client you will need to add or i. edit the screen settings.
- ii. Monitor EDID
 - Select Native to read from monitor OR select a monitor from the preset list •
 - Select 'OK' and click 'Enter'
- iii. Screen Rotation (Figure 4.6)
 - Normal Do not rotate
 - CW Rotate screen clockwise

- Invert Flip screen upside down
- CCW Rotate screen counter clockwise
- Select 'Next' and click 'Enter'

iv. Screen Depth

- Configures the default 'color quality' or color 'depth' for your display.
- Select the desired 'Screen Depth' and click 'Next'

v. Screen Modes

- Configures the video mode for your display.
- Use the up/down keys to scroll for the desired resolution.
- Use the space bar to check the desired resolution.
- Select 'Finish' and click 'Enter' to save your settings and return to the main menu of the Configuration Panel.
- Select 'Ok' on the confirmation window and click 'Enter'

c. Write Xorg.conf and quit

- i. Saves all of your changes by writing your configuration settings to the Xorg Configuration file and quits the configuration panel.
- ii. Select 'OK' and click 'Enter' to save your settings.

d. Quit

- i. Quit the configuration panel without saving your settings.
- ii. Once you save your setting you will be prompted to test your configuration. We recommend that you test your settings to ensure best results.
- iii. Type 'Y' for yes and click 'Enter'.
- iv. If the tests are successful you will be taken to a screen with a printout of your settings.
- v. Use your mouse to place the cursor within the white area of your screen and 'click'.
- vi. Type 'Exit' in the command line and press "Enter' to exit the test results page.
- vii. Type 'reboot' in the command line to exit configuration and reboot the SignagePro client.

13. Registration and Activation

SignagePro software requires registration and activation for successful use of the SignagePro Manager software after 30 days.

To register, open up the SignagePro Manager, and then click on 'Help' and then 'Registration'

Next, click the link that says 'Get key from WWW'. (Figure 13.1)

Next you want to fill out the form completely, and make sure the Product at the top says SignagePro. (*Figure 13.2*) 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 13.3*)

Lastly, click the button that says 'Save Changed Registration Information'. The Product Registration Status will say 'Product has been registered' (*Figure 13.4*) 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.

SignagePro v.4.4 () (date 2011-05-23) Applica, Inc. Copyright © Applica, Inc. 2005-2011		Please complete our registration form below (all fields are required). To restore lost Activation code go here. Product: SignagePro Serial Key: PREN-SIGN-1234-5578-9ABC Authorization code: 70938781EC1E8862C19C8E8185660005EA02191			
5	Registration Information	1:	First Name:	SignagePro	
Registered to user: Registered to organization: Product serial key: Computer	SignagePro Smart-AVI FREN-51GN-1234-5670-9ABC Table32781EC 1889EC2C 19C 9E815EE4	User to which product is registered Organization to which product is registered This key is provided with software product This key is automatically generated from your Serial key	Last Name: E-mail: Company: Country: City: Address:	Server your@email.com Smart-AVI USA Your City 1234 SignagePro	
authorization key: Activation key: Product Registration status:	23 day(s) remaining for trial pe	generated from your senarity and PC hardware information <u>Get key from WWW</u> triod.	Phone:	555-555-5555 If Keep me posted on the latest updates If Send me information on Applica new products If Subscribe me to Applica-News letter. Register Now	

Figure 13.1

Figure 13.2



Specifications

Form Factor	Mini-ITX (6.70 inches by 6.70 inches [170mm x 170mm]) Board z-height is 20mm
Processor	Passively cooled, integrated single core Intel® Atom™ processor N270 with a 533 MHz system bus and 512KB L2 cache
Memory	Single 200-pin DDR2 SO-DIMM connector: • Support for DDR2 533 MHz SO-DIMMs (DDR2 800 MHz and DDR2 667 MHz validated at 533 MHz) • Support for up to 2 GB single-channel system memory
Chipset	Passively cooled, mobile Intel® 945GSE Express Chipset: • Intel® 82945GSE Graphics and Memory Controller Hub (GMCH) • Intel® 82801GBM I/O Controller Hub (ICH7-M)
Audio	Realtek ALC662* codec for 2+2ch (multi-streaming) Intel [®] High Definition Audio (Intel [®] HD Audio): • Front panel microphone/headphone header • S/PDIF digital audio header • Internal mono speaker header
Video	Intel® Graphics Media Accelerator 950 (Intel® GMA 950) dual-onboard graphics support: • Analog displays (VGA) • Digital displays (DVI-D)
I/O Control	Legacy I/O controller: • 1 PS/2 header • 2 serial headers • 1 parallel port header
LAN Support	Realtek 10/100/1000 Ethernet Controller
Peripheral Interfaces	3 USB 2.0 ports 2 Serial ATA 3.0 Gb/s connectors (supporting IDE and AHCI) 1 power header for storage devices 1 parallel ATA port (44-pin mobile header)
Expansion Capabilities	One PCI Express* Mini Card slot for low-profile expandability (I/O shield can mechanically support up to three external antennae for use with wireless adapter)
Operating System	OS Embedded Linux
Dimensions	Length: 8″ (20.32 cm) Width: 8.375″ (21.273 cm) Height: 2.25″ (5.715 cm)
Formats Supported	Video (AVI, MPEG1, MPEG2, MPEG4, WMV, FLA, DIVX) Flash (SWF) Still Images (JPEG, GIF, BMP, PNG) WebPages (URL) Adobe Acrobat (PDF) PowerPoint (PPT) Audio (MP3, WMA) News (RSS)

Server Requirements

Processor	Intel Pentium 4 HT or Higher
Operating System	Windows XP, Windows Vista, Windows 7 (32-bit or 64-bit)
Memory	1GB RAM (Minimum)
Networking	10/100/1G

Sample Configurations

Configuration #1

Router/Hub with DHCP

- 1. Connect the server and the SignagePro client to a router/hub with DHCP configured.
- 2. At the server's DOS prompt, enter 'ipconfig' to determine the IP number of the server.

If the server got assigned an IP number correctly from the DHCP server, the result should look similar to the following:

ev E:\WINDOWS\system32\cmd.exe	<u> </u>
Windows IP Configuration	
Ethernet adapter Local Area Connection:	
Connection-specific DNS Suffix . : Trendnet IP Address,	
Subnet Mask	-

The IP address on the above example is '192.168.10.2'. These numbers are needed for the SignagePro client to connect to the server.

- 3. At the client, hit 'CTRL+ALT+2' to bring up the SignagePro Configuration Panel.
- 4. Go to the 'General' tab to enter your Server's settings.
- 5. For the 'Server' field, type the IP address of your Server. In this case, '192.168.10.2'
- 6. For the 'Player Name' field, type in a name for your client.
- 7. For 'User' and 'Password', type in the Username and Password that you use to login to your SignagePro Server Manager.
- 8. Click 'Ok' to save your settings and close the panel.

Your Server settings should look similar to the following:

SIC	SNAGEPRO figuration Panel		
General System	Media Resources Report Preview Reset		
Login settings	ne server name, user name, and password		
Server:	192.168.10.2		
Player Name:	SignagePro_Client		
User:	Administrator		
Password:			

Configuration #2

Router/Hub without a DHCP server

- 1. Connect the SignagePro server and the SignagePro client to a hub using CAT-5 or CAT-6 cables.
- 2. Manually assign IP numbers to the server

A sample might look like the following; Server IP number: 192.168.10.2 Server IP Mask: 255.255.255.0 Server IP Gateway: 192.168.10.1 Preferred DNS Server: 192.168.10.1

ou can get IP settings assigned iis capability. Otherwise, you ne ie appropriate IP settings.	automatically if your network supports ed to ask your network administrator for
Obtain an IP address auton	natically
Use the following IP address	8.
IP address:	192.168.10.2
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 10 . 1
C Obtain DNS server address	automatically
Use the following DNS service	ver addresses:
Preferred DNS server:	192.168.10.1
Alternate DNS server:	
	Advented

Note: Make sure that the new network address you assign does not conflict with existing IPs on the network.

3. At the client, hit 'CTRL+ALT+3' to bring up the SignagePro Network Panel.

	Wired Networ		call @2 Fiel		ces 🔀 ,	About 🔻
-	🗹 Use as defa	ult profile (overwrit	es any previo	us d	efault)	~
	wired-default			•	<mark>r∲n</mark> dd	Delete
	_🔮 Disconnect	Properties				
		2				
		No wireless netw	orks tound.			

- 4. Under your wired network, click on 'Properties'
- 5. Check 'Use Static IP' and manually assign IP numbers to the Client

A sample might look like the following:

IP: Similar to your Server's IP, but change the last digit (i.e. 192.168.10.3) Netmask: 255.255.255.0 Gateway: Your Server's IP from Step 2 (i.e. 192.168.10.2) DNS 1: Same as Gateway (i.e. 192.168.10.2)

🗹 Use Static IPs	
IP	192.168.10.3
Netmask	255.255.255.0
Gateway	192.168.10.2
🗹 Use Static DNS	Use global DNS servers
DNS domain	
Search domain	
DNS 1	192.168.10.1
DNS 2	
DNS 3	
DHCP Hostname	7071bc9df55f

6. Click 'Ok'. Then click 'Connect' to reconnect to the Network.

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Notes

Notes

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