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1 Introduction

Web Signage player is designed to manage clip execution, schedule-planning logics, interactive events and connection to peripherals and devices. The software is compatible with all Microsoft platforms, starting from Windows 7 SP1 and is equipped with a guided installation procedure. At the first start up, all you have to do is submit your account data and the player will register automatically into the Web Signage Server platform and update the content. Other important functionalities (monitoring, watch dog and self-diagnosis) will start up at the same time to ensure reliability and continuous remote management.

1.1 Requirements

To run Web Signage Player we suggest the follow requirements:

Minimum hardware requirements (*)

- Intel® Atom® D5xx or faster CPU
- 2 GB RAM
- Intel HD graphics, nVidia or ATI GPU with 256 MB (or equivalent)
- At least 1,5 GB of available space on the hard disk for software player installation (content except)

Suggested hardware for audience analysis

- Intel® i3/i5/i7 family CPU or AMD equivalent CPU
- 4 GB RAM
- Fixed focus HD USB camera

Operating system

- Windows 7 32bit or 64bit with Service Pack 1 (SP1)
- Windows 8/8.1 32bit or 64bit

The platform connection and the playlist execution relies on a active Internet connection. There is no bandwidth requisite. The required bandwidth depends on the updates frequency and the connections to external videos and resources. The player uses an intelligent download system with a local content cache.

Firewall rules

The following ports are used by Web Signage Player:

- HTTP port 80, bidirectional (download and upload to the Internet).
- Optional, SMTP port 25 used to error notifications to the technical support (only if expressly enabled)

(*) The given minimum requirements refer to a system playing a basic playlist (videos, images) including a ticker and a basic widget, at a resolution 1280x720 (720p) at 24-30 fps, or 1920 x 1080 (1080p) at 24 fps. The performances when playing a video, or running an application, depend on the presence of graphic objects (ticker, widget), on the complexity of the animations and on the complexity of the required calculations. When using personalised graphic objects, complex graphic objects and or AVA (Anonymous Video Analysis) modules it is user's responsibility to check the quality of the playback, even when the system meets the minimum requirements.

1.2 Architettura

Web Signage Player consists of the following components:

- Player
- Updater
- Watch Dog

The player's task is to make the content assigned to it.

The **updater** module handles the communication with the server platform, perform the intelligent download of the file, update the configuration of the player and transmitting the information to run the clips.

The **watch dog** verifies the execution of the other modules, providing automatic restart in the event of a block.

To ensure continuity of use of the player, you need to set the "Auto Start" in player setup. In this way, the player will run automatically each restart of the operating system, or, in case of unexpected block by the watch dog service.

2 Install

2.1 First setup

The player creation wizard procedure is started automatically when the setup is complete. Follow the wizard to the end, changing the options if required. Restart your PC to complete the player install.

The first window of the wizard summarizes the information required to complete the process.

≪	Web Signage Player - Activation wizard	
	Welcome to the Web Signage Player	
	This wizard will guide you through the player configuration and activation process. You can change all player setting at a later time using the Web Signage Player configuration window.	
	To run Web Signage Player the you need to have the following:	
	 A valid user account for the Web Signage platform An active Internet connection on this computer 	
	If you don't have an user account, you can ask for a free, time limited, demo login.	
	Click Next to proceed.	
	< Back Next > Cancel	-

You need to have a valid user account for the Web Signage platform and your application code.

- Every platform has a **unique application code**
- The application code is related to the platform URL: http://[your-application-code].wsapp.net

🗸 Web Signage Player -	Activation wizard
Login credentials Please type your Web Signage platform login credentials	s 😽 😽 😽
Application code: demo wsapp.net Usemame: john Password: Test login Proxy ✓ Connection OK ✓ Login OK Authorized user	Checks if your computer is connected to the Internet and the supplied user credentials are valid
	< Back Next > Cancel

If you have a valid user account you can proceed by clicking on the **Test login** button. This test is required.

Ø.	Web Signage Player - Activation wizard	×
Player properties Please specify th	e player identification data and execution options	> \$+++
Player name: Demo player Description: Demo point. Serial code: EFB116E110 Player type Video v Mute V Allow re	Although the player is alr through a name within th players also have an aut generated and unique se The player will be linked group, just like the user associated to the user.	ready identified ne platform, all tomatically erial number. to a specified name is
	< Back	Next > Cancel

The **Player name** is the only mandatory field. Within the same window it is possible to select the **Player type**:

- Video with audiotrack: select this option to play the content with their original audio
- Mute Video with separate audiotrack: select this option if you intend to provide a different audio for your video content. The video content will be played without their original audio.

The Activate automated boot option enables the following player behaviour:

- The player is started automatically at the end of the wizard and every time the computer is restarted
- The player will have a topmost window, covering all other applications
- A watch dog feature is enabled, forcing a player restart every time it is closed or deadlocked.
- The configuration window is no longer available hitting the ESC button. After pressing the ESC button you have to use the **CTRL+ALT+SHIFT+H** within 10 seconds.

Check **Allow remote connection** to have the possibility to connect to the player remotely, therefore with no need to go to the physical location. This option can be changed from within the Web Signage platform at any time. This option must be checked if you desire our technical support to access your player.

At the end of the wizard, a pop-up will appear to confirm a successful player registration to the Web Signage platform.

Web Signage Player Wizard ×	
Video Player 'Demo player' created on group 'john Group'. The player will start immediately. The player will show a screen saver during the first application, until its content within the Web Signage platform has been defined. It will take a few minutes until the player will be shown as active on the platform.	
ОК	

We strongly advice to install the player on a dedicated computer to achieve a proper full screen image and ensure the best service continuity.

2.2 Player configuration

If you skipped the player creation wizard with the automatic player registration within the platform or if you need to make an advanced configuration, the Player configuration window is the place where all settings are available.

To open the configuration window, you need to keep pressed the ESC button for a while. If the player is not running in the automatic execution mode, the Player configuration window is shown immediately. If running in the automatic execution mode, you need to use the security sequence as shown by the popup window.

Actions

You can control player and computer from the configuration window.

Restart player: Closes and restarts the player

Close player: Shuts down the player

Reset configuration: Empty the player cache. The screen-saver will be displayed until a new content is downloaded.

The Execute automatically option enables the following player behaviour:

- The player is started automatically at the end of the wizard and every time the computer is restarted
- The player will have a topmost window, covering all other applications
- A watch dog feature is enabled, forcing a player restart every time it is closed or deadlocked.
- It will be possible to disable the access to the configuration pane by pressing the ESC key.

We strongly advice to keep the Execute automatically option enabled on all production machines.

Restart device: Restarts the computer. All unsaved changes will be lost. **Shutdown device**: The computer will be turned off. All unsaved changes will be lost.

			x
1	Actions -		
	C	Restart player	
	€	Close player	
	C	Reset configuration	
	🔽 Exect	ute automatically	
xtivate		Restart device	
	0	Shutdown device	
Jence	≻	••	
ОК	A	oply Cancel	

1. Tab "Properties"

Hardware settings

The player detects automatically the current video resolution. The video orientation depends on the video card settings. If you are installing a display showing an horizontal image vertically, you need to change the video card settings, selecting a rotation of 270°.

The player can execute video schedules, audio schedules or both. You need to select the desired function. If you planned to execute the video schedule only, selecting the Video option will slightly improve the player's performance.

Player registration

You can register the player automatically using the wizard or create it manually on the platform.

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		Player con	figuration			
Properties Commun	nication Counters	Devices Network Date	8 Time		Actions -	
 Hardware settings Current resolution 	: 1280 x 720 px	DISF	PLAY1		C	Restart play
Horizontal display Video with au	diotrack		bow Taekhar		8	Close play
C Mute Video w	ith separate audiotr	ack S	now raskbar		G	Reset configuration
Registration Serial code:	EFD	CHARLES THE	075		Execu	te automatically
Application code:	demo vated successfully	wsapp.net		Activate Test		Restart devic
🖌 Start W	izard	Check environment.			0	Shutdown devic
Diagnostic and co	ontrol					
Autoupdate	connection	Disable "Ctrl+Alt Send error log	+Shift+H" key	sequence	×	+ +
losing in 298 se	conds			ок	Ap	ply Cance

Prerequisites:

- 1. The player needs an Internet connection
- 2. You need to have a valid username and password for platform
- 3. You need to know the application code or the platform URL (http://[your-application-code].wsapp.net)

If you are using a demo account the application code is demo (http://demo.wsapp.net).

In order to manually register a player in the platform, you need to do the following:

- Take note of the serial number generated automatically by the player.
- Put the serial code, as shown in the player configuration window, in the serial number field in the Video player detail sheet of the Web Signage platform.

er					
Demo player		Group:	Demo Group	۲	
5 min.	•	Volume:		80%	
EFB116E06517CA075RETYU3563	?	Localisation:	Mon Crescent. Southampton. SO18 5		Q
Demo point.					
	Demo player 5 min. EFB116E06517CA075RETYU3563 Demo point.	Demo player 5 min. EFB116E06517CA075RETYU3563 Pemo point. 	Demo player Group: 5 min. Volume: EFB116E06517CA075RETYU3563 ? Localisation: Demo point. Demo point.	Demo player Group: Demo Group 5 min. Volume: EFB116E06517CA075RETYU3563 ? Localisation: Mon Crescent. Southampton. SO18 5 Demo point.	Demo player Group: Demo Group • S min. • Volume: 80% EFB116E06517CA075RETYU3563 ? Localisation: Mon Crescent. Southampton. SO18 5 Demo point. Pemo point. Pemo point. Pemo point. Pemo point.

· Save and publish the player

New Save Publish Delete	R Save and back Back	24 Working hours	ل Current state	Properties 2. Assign Share
-------------------------	----------------------	------------------------	-----------------------	----------------------------------

Guida all'uso di Web Signage Player

• in the player configuration window, insert the application code, and click Activate.

In case it hasn't been done before, or it needs to be done again, click on **Start Wizard...** to run the wizard for registering the player on the Web Signage platform. to setup the OS environment click on **Check Environment...** this is needed to have the player run unattended.

• Diagnostics and control

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The following options are available:

Autoupdate: the player updates automatically whenever a new version is available.

Allow remote connection: it allows to connect to the player remotely, i.e. without physically going to the player location. This option can be checked also from the server platform Web Signage. This option must be checked in case you want the support to operate on the player.

Disable "Ctrl + Alt + Shift + H" key sequence: this key sequence is on by default, check this option to be able to open the player configuration pane just by pressing the ESC key (even when the "execute automatically mode" is on).

Send error log: allows to automatically send error logs to the support staff. The event logs can also be sent manually.

2. Tab "Communication"

Anonymous Video Analytics Settings

The section allows to setup the audience analysis, which requires a webcam and the computer vision module (to be installed separately).

The option **UDP mode (55555)** should be checked. Check **Execute automatically** if you want to start the module automatically when the player starts.

۵	Player configuration			×
Properties	Communication Counters Devices Network Date & Time us Video Analytics Settings cute automatically P mode (55555) Facexpression module detected - Not running ener bled 56565 • ble remote commands list synchronization Automatic mode C Master C Slave		Actions	Restart player Close player Reset configuration e automatically Restart device Shutdown device
ver. 6.9.0.4		ОК	App	oly Cancel

• UDP Listener

With Web Signage you can synchronize schedules which are running on different players. The schedules can even be different, but the number of clips in each schedule has to be the same and the corresponding clips should have the same duration. If this is not the case, the duration of secondary-player clips will be automatically adjusted to match the one of the primary's.

To take advantage of this feature, just check the **Enabled** option and the **Playlist synchronization** option. Unless you have some specific needs, we suggest to use the **Automatic mode**: this way the master player will be chosen automatically. Otherwise, for each player you can choose between **Master** (primary) and **Slave** (secondary). Please bear in mind that there can be <u>only one master player</u>. **Warning**: all the players should use <u>the same UDP port</u> (default port is 56565). You can also synchronize different groups of player by giving each group a different UDP port, and using the same port within the group.

The "**Enable remote commands**" option allows the player to receive commands remotely on the chosen UDP port (for further information, send a request to support@edisonweb.com).

3. Tab "Counters" (Automated Queuing Systems on LAN network)

Web Signage Player can accept a series of commands to manage single or multiple ticket systems, for one or more departments.

Player configuration	×
Properties Communication Counters Devices Network Date & Time Listener double-click to copy Image: Communication XQUEUEMNGT010201 Protocol: UDP V Port: 55000 V	Actions Restart player Close player
Actions Counter: 1 Open: double click to paste Closed: XQUEUEMNGT010201 On/off: Reset: Forward: Backward:	Reset configuration Reset configuration Restart device Shutdown device
Limit count: 99 ÷	OK Apply Cancel
ver. 6.9.0.4	

The system is compatible with several controlling mechanisms, such as devices connected to a LAN network, through a UDP protocol or through the association of the programmable device keys (such as a scale) to the counter features. For each player it is possible to set up to 20 counters. Furthermore, for each action it is possible to include several commands, each separated by a **comma**.

4. Tab "Devices"

In this section it is possible to setup the player to send commands through a serial port (if available) or a USB port (thanks to a USB-RS232 converter). The target device should be able to receive such commands. A possible application is a display with a serial port that accepts the start/shutdown commands. After selecting the COM port from the drop-down menu, insert the commands that you wish to send to the device at starting and at shutdown.

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5	Player configuration	×
Properties Commun	ication Counters Devices Network Date & Time	
Configuration Seria Port COM:	al Ports	Restart player
Bit persec: Data bits:	9600 ▼ bps	Close player
Parity: Stop bits:		Reset configuration
Commands		ecute automatically
At starting:	C HEX © ASCII Test	Restart device
At shutdown:	C HEX © ASCII	Shutdown device

ver. 6.9.0.4	ок	Apply Cancel

Note: to get the list of the allowed commands please see the device manual.

5. Tab "Network"

This tab shows the settings for the network configuration of all machine's connections. To use the player a connection through the HTTP port 80 is needed. You can check your setting using the **Test** button in the "*Properties*" tab. If you already configured the network adapters using the network settings of Windows, you don't need to make any change.

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\$	Player configuration	
Properties Communication	Counters Devices Network Date & Time	Actions
[00000000] Intel(R) PRO	/1000 MT Desktop Adapter	Restart player
C Automatically obta	n an IP address P address:	Close player
IP address: Subnet mask:	192 . 168 . 1 . 202 255 . 255 . 255 . 0	Reset configuration
Default gateway:	192 . 168 . 1 . 1	Execute automatically
Default DNS server:	192 . 168 . 1 . 1	Restart device
Alternative DNS server:	0.0.0.0	Shutdown device
Apply settings		
Proxy Wi	Fi Manager Network and Sharing Center	│ >《◆◆◆
ver. 6.9.0.4		OK Apply Cancel

If the network requires a proxy authentication, click on Proxy

	Proxy settings ×
🔽 Use a pr	xy server
Address:	192.168.1.1 Port: 8080
Usemame:	admin
Password:	
	OK Cancel

Check the option "**Use a proxy server**", insert the proxy IP address, the Port number and the access credentials (please refer to your network administrator for these).

If you need to manage the WiFi connection without using the Windows tools, click on "WiFi Manager". The utility to manage the existing WiFi will start.

We recommend to use this tool only when it is not possible to use the Window user interface (for example for embedded systems).

The button "**Network and Sharing Center**" launch the Windows interface for managing the network boards in the computer.

6. Tab "Date & Time"

It's very important to keep the system clock synchronized with the correct time. If set wrong, the server will not be able to keep the contents in sync correctly.

The Settings button opens the system clock control panel.

0	Player configuration	×
Properties Communication Cou Local Date Time 15:34:00 Coordinated Universal Time: UTC offset: 01:00:00 Settings Time Zone W. Europe Standard Time Daylight saving time for current Start: 29/03/2015 02:00:00 End: 25/10/2015 03:00:00 Delta 01:00:00	unters Devices Network Date & Time Date : lunedi 2 marzo 2015 Time: 15:34:00 02/03/2015 14:34:00	Actions Restart player Close player Reset configuration Restart device Shutdown device
ver. 6.9.0.4		OK Apply Cancel

To save your changes, click on the Apply button. To close the window click on OK.

2.3 Enviroment optimization

In order to show multimedia contents it is necessary to have a computer where the software player runs automatically. The computer should be properly configured for a continuous and automatic usage, even in case of a power outage. We recommend following the best practice to use a UPS and, if possible, to manage the computer shut-down in case of a prolonged power outage.

It is possible to optimize the system manually, or by using an utility included in the Web Signage Player, that can automatically setup all the required optimization (it also suggests links to external software or procedures).

Windows7

After completing the software player installation, click on **Start**, navigate to **Programs > Edisonweb > Web Signage Player** and choose **Environment Setup**.

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Windows 8

After completing the software player installation, click on **Start** and, among the Edisonweb apps, select **Environment optimization**.



After launching *Web Signage Optimizer*, it is possible to automatically set the OS configuration to use Web Signage Player. Click on **Apply** to save the changes.

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In case some of the selected actions is not properly executed, after clicking **Apply**, a warning icon will appear. Place the cursor over the icon to see a box with the instructions for solving the problem, then click on it to change the parameter in the configuration window that will appear. You can also find some links to manually complete the environment optimization.

2.4 Windows enviroment configuration

To play multimedia contents, you need an unattended PC running the player software continously, even if a power outage occurs. So it is advisable to use an uninterruptible power supply, possibly able to cleanly shut down the computer if a prolonged outage occurs.

The following instructions are meant for Windows 7 but can be easily applied to Windows 8/8.1.

Autologon

It 'important for our purposes to provide an automatic startup skipping the operating system authentication process. This is achieved by maintaining only one administrator account within the user control panel (default configuration).

If an additional user is needed, the operating system will start to ask to select the user account at logon, stopping an unattended startup.

It is therefore necessary to set the autologon by using the following procedure (the computer should not belong to a domain).

From the start menu, write down the command netplwiz in the the search box and hit Enter.

	Install	15
Programs (1)	L	
8 netplwiz		
See more results		
P See more results		
netplwiz × Shut down >		

If the UAC system is active, the **User accounts control window** will appear. Click on **Continue**. You have now accessed the **User Accounts** window.

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User Accounts	×	
Users Advanced		
Use the list below to grant or deny users access to your computer, and to change passwords and other settings.		
Users must enter a user name and	password to use this computer.	
Users for this computer:		
User Name	Group	
💐 websignage	Administrators	
Add	Remove	
Password for ediadm To change your password, Password.	press Ctrl-Alt-Del and select Change Reset Password	
(OK Cancel Apply	

Uncheck the option **Users must enter a user name and a password to use this computer**. Choose the user to be used for the autologon and click **OK**. The **Automatically Log On** window will now appear.

Automati	cally Log On	
You can set up your computer so that users do not have to type a user name and password to log on. To do this, specify a user that will be automatically logged on below:		
User nar	ne:	websignage
Passwor	d:	•••••
Confirm	Password:	•••••
		OK Cancel

Type in the credentials of the selected user account and click **OK**.

At the next start, Windows will not require to insert credentials, instead it will automatically login with the

user account that you have chosen with this procedure.

From now on (at least until you don't make changes to the administrator password or you disable the autologon feature) the PC will be able to make a unattended boot.

Taskbar appearance

• Right click on the taskbar and select Properties.

📜 Taskbar and Start Menu Properties 🛛 💦		
Taskbar Start Menu Toolbars		
Taskbar appearance Lock the taskbar Auto-hide the taskbar Use small icons		
Taskbar location on screen: Bottom		
Taskbar buttons: Always combine, hide labels 🔻		
Notification area Customize which icons and notifications appear in the Customize		
Preview desktop with Aero Peek Temporarily view the desktop when you move your mouse to the Show desktop button at end of the taskbar. Use Aero Peek to preview the desktop		
How do I customize the taskbar?		
OK Cancel Apply		

- Uncheck "Lock the taskbar"
- Check "Auto-hide the taskbar"

Standby features

For best results, please change the default Windows 7 configuration as follows:

• From the Start menu, select Control Panel

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	Calculator	Computer
	🧭 Paint	Control Panel
	XPS Viewer	Devices and Printers
	Windows Fax and Scan	Default Programs
	👰 Player Wizard	- Help and Support
	All Programs	
	Search programs and files	Shut down 🕨
	📀 🤌 🚞 💽	

• The Control Panel window will open; select Appearance and Personalization:



• Select Personalization:

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Select Screen Saver:



• Disable the Screen Saver by choosing (None)

Screen Saver Settin	gs 💽
Screen Saver	
Screen saver (None)	Settings Preview
3D Text Blank Bubbles Mystify Photos Ribbons	ime, display logon screen ance by adjusting display
Change power s	OK Cancel Apply

At the end, click **OK**.

• Go back to the initial page of the Control Panel to select System and Security.

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• Click on Power Options.



• change the settings of the Balanced (recommended) plan by clicking on Change plan setting:

Control Panel 🕨	System and Security > Power Options - 47 Search Control Panel
Control Panel Home	Select a power plan
Choose what the power buttons do Create a power plan Ocose when to turn off the display	Power plans can help you maximize your computer's performance or conserve energy. Make a plan active by selecting it, or choose a plan and customize it by changing its power settings. <u>Tell me more about power plans</u> Preferred plans Change plan settings @ Balanced (recommended) Change plan settings Automatically balances performance with energy consumption on capable hardware. Image plan settings Saves energy by reducing your computer's performance where possible. Show additional plans
See also Personalization User Accounts	

- Choose Never for the following options:
 - Turn off the display,
 - Put the computer to sleep.

Click on Save changes. Then select Change advanced power settings settings:

😌 🕞 🗸 🚱 🕨 Control Panel 🔸 System and Security 🔸 Power Options 🔸 Edit Plan Settings 💿 👻 🍫 Search	Control Panel 🔎
Change settings for the plan: Balanced	
Choose the sleep and display settings that you want your computer to use.	
Turn off the display:	
Put the computer to sleep: Never	
Change advanced power settings	
Devices of efforth anticipant for this when	
restore default sectings for this plan	
Save changes Cancel	

• in the new window navigate Balanced > Require a password on wakeup > Setting: and select NO

Dower Options
Advanced settings
Select the power plan that you want to customize, and then choose settings that reflect how you want your computer to manage power.
Balanced [Active]
 Balanced Require a password on wakeup Setting: Yes Hard disk Desktop backgr Yes Wireless Adapter Settings Sleep USB settings Power buttons and lid PCI Express Drocessor power management
Restore plan defaults
OK Cancel Apply

• Navigate Sleep > Allow wake timers > Setting: and select Enable.

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You can now conclude by clicking on Apply and then OK.

Disabling error reporting

• On Windows 7 to disable Error Reporting, open Group Policy Editor (Start-> Run-> gpedit.msc)

	Install	25
Programs (1)	Ľ	
J gpedit.msc		
See more results		
gpedit.msc × Shut down +		

and Navigate to *Computer Configuration > Administrative Templates > Windows Components > Windows Error Reporting*, then Double click on the setting **Disable Windows Error Reporting**.



Disable any error reporting option.

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Disable Windows E	irror Reporting	
Disable Windows	Error Reporting	Previous Setting Next Setting
Not Configured	Comment:	
Enabled		
Oisabled	Supported on	-
	supported on:	At least Windows Vista
Options:		Help:
		If this setting is enabled, Windows Error Reporting will not send any problem information to Microsoft. Additionally, solution information will not be available in the Action Center control panel.
		OK Cancel Apply

Additional automatic notification settings

- Disable balloon tips in the notification area: http://support.microsoft.com/kb/307729
- Disable auto-update notification in Flash Player (if Flash Player is installed) http:// www.macromedia.com/support/documentation/en/flashplayer/help/settings_manager05.html

2.5 Power outage

This configuration is not available on every PC. If unavailable the PC will restart automatically in case of power outages. The instructions and screenshots may be slightly different for your BIOS.

To have a system restart after a power outage you can use the options available on latest BIOSes. To enable a system restart on power loss do the following:

- During the POST (Power-On Self Test), hit the Canc button to open the BIOS interface;
- Select the *Power* menu using the keyboard arrows;
- Within the Power menu, select Restore on AC Power Loss;
- Hitting Enter the available options are shown;
 - Disable: the PC will be left powered off after a power outage
 - Enable: the PC will restart itself after a power outage

Phoenix - AwardBIOS CMOS Setup Utilit Power					
APM Co	onfiguration				
Restore on AC Powe PWR Button < 4 sec	er Loss [Disabled] cs [Instant-Off]	Ite			
Power On By PCI D Power On By Exter Power On By RIC A	Restore on AC Power Loss				
Power On By RIC A × Date(of Month) Al × Time(hh:mm:ss) Al Power On By PS/2 Power On By PS/2	Disabled[] Enabled[]				
	↑↓:Move ENTER:Accept ESC:Abor	t			

- Select *Enable* and hit the **Enter** key
- Using the keyboard arrows, move to the Exit menu and select the *Exit & Save Changes* option. Hit Enter two times to confirm saving.



Notice: refer to your main board manual because the BIOS interface can be different.

3 Further information

Web Signage is developed by Edisonweb srl. All rights reserved. Web Signage player can be used to display multimedia content only in association with the Web Signage on line software platform. A free usage licence is grant by Edisonweb only to users holding a time limited demostration account for the Web Signage on line software platform.

Edisonweb nevertheless reserves the right to withdraw the free usage grant at any time.

Further information are available on line:

Edisonweb: www.edisonweb.com Web Signage solutions: www.websignage.eu



Certifications

Quality Management System UNI EN ISO 9001:2008



Edisonweb meets the requirements for quality management system ISO 9001:2008 for Development and Provision of Software Applications and Related Updates.

Windows Azure Platform Ready



Web Signage has passed the Windows Azure Platform-Ready test. Web Signage meets the Microsoft technical criteria of the program Powered by Windows Azure.

Windows 7 Compatible



Web Signage Player has successfully passed compatibility testing conducted by Microsoft for Windows 7 (32 and 64-bit).



e-mail: support@edisonweb.com www.websignage.eu