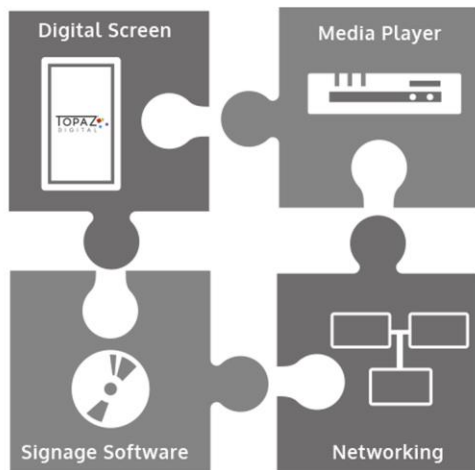**HIGH BRIGHT DISPLAYS**

ENSURE YOUR MESSAGE CAN BE SEEN ON THE SUNNIEST OF DAYS
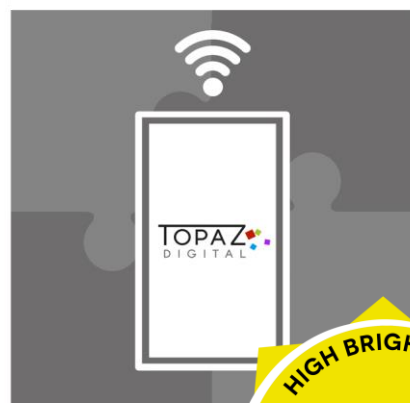
WITH THE TOPAZ™ HIGH-BRIGHTNESS DISPLAYS

Brightness is paramount when using outward facing screens, the TOPAZ High Brightness displays use commercial grade High Brightness panels (2500 cd/m2); more than 4 times brighter than a standard home TV to allow easy readability in direct sunlight.

These screens are ideal for use in window displays as the internal air-conditioning system allows the screens to be in constant use in an outward facing situation. Internal fans keep the panel and other internal components at the optimum working temperature, ensuring a long and reliable life for your screen.

TYPICAL DIGITAL SIGNAGE SOLUTION

Digital Screen

Media Player

Signage Software

Networking

THE TOPAZ HBVLS ALL INCLUSIVE SOLUTION

TOPAZ DIGITAL

HIGH BRIGHTNESS
2500 CD/M²
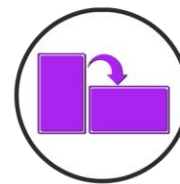HIGH BRIGHTNESS

TOPAZ DIGITAL — **HIGH BRIGHT DISPLAYS**

CMS — INCLUSIVE TOPAZ CMS SOFTWARE

IN-BUILT ANDROID MEDIA PLAYER

SMART TEMPERATURE CONTROL

PORTRAIT OR LANDSCAPE

WIFI CONNECTIVITY
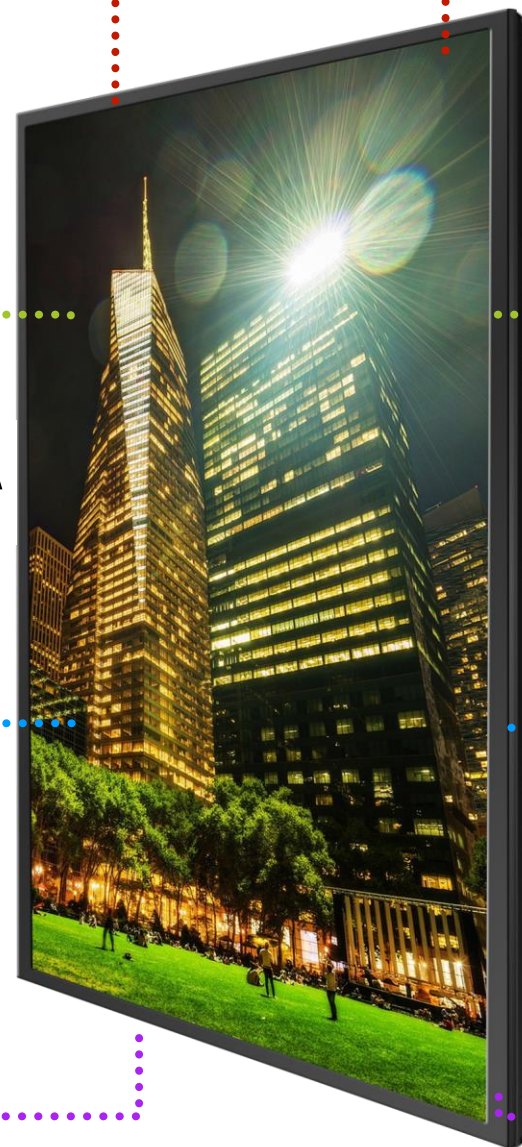
MULTIPLE INPUTS

ECO FRIENDLY POWER TIMER

SUNLIGHT READABLE

PRODUCT HIGHLIGHTS

LED BACKLIT TECHNOLOGY

Thanks to their LED backlight these displays offer improved brightness and contrast as well as drastically improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly.

SMART TEMPERATURE CONTROL SYSTEM

The internal air-conditioning system allows the screens to be in constant use. Internal fans keep their panels and other internal components at the optimum working temperature; ensuring a long and reliable life for your screens. You can even control the temperature range for which the fans become active.

ECO-FRIENDLY POWER TIMER

Reduce your power consumption by automatically scheduling the screen to Power on or off. This allows you to automate when the screen is active & shut it off when your business is closed….ideal for a public environment!

BUILT-IN WIFI

The HBVLS Series Screens have integrated Wi-Fi enabling you to connect seamlessly to the TOPAZ™ CMS system. This ensures you can update your message from any PC in the world!

TOPAZ CONTENT MANAGEMENT SYSTEM

The TOPAZ Content Management System [CMS] allows you to log in from any PC in the world using your account password and update, schedule and manage all the displays on your network with NO recurring costs!
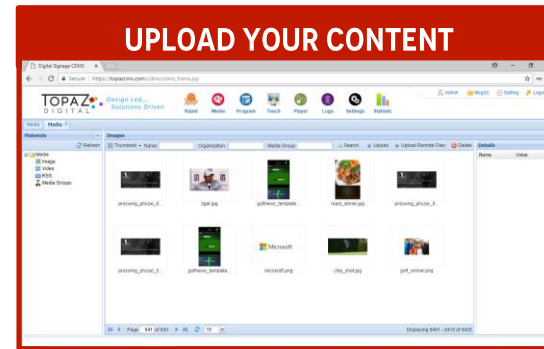
TOPAZ DIGITAL — **HIGH BRIGHT DISPLAYS**

TOPAZ CONTENT MANAGEMENT SYSTEM (CMS)

Manage your content and update your TOPAZ displays through our **cloud based** content management system from **anywhere in the world**.
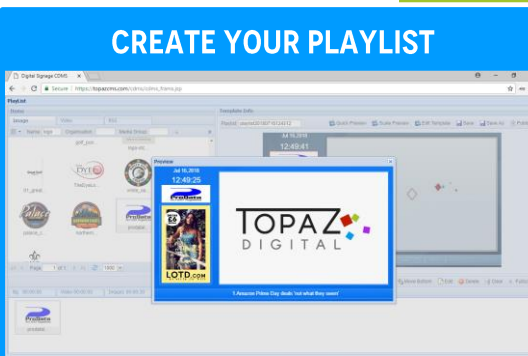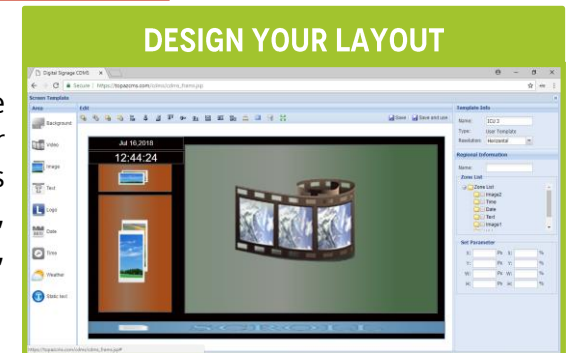
Content can be uploaded and managed from anywhere in the world via our secure web portal. Simply log in, upload your images and videos to our secure server and send them directly to your screens.
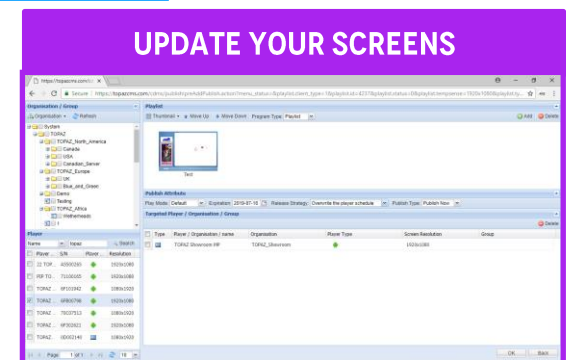

EASY TO USE INTERFACE

UPLOAD YOUR CONTENT

All uploaded content is stored on our secure server so is always accessible.

DESIGN YOUR LAYOUT

Choose from one of the pre-designed templates or create your own layouts using zones such as video, images, text, web pages, weather and more!

CREATE YOUR PLAYLIST

Simply drag and drop your content into your created zones to create your playlist!
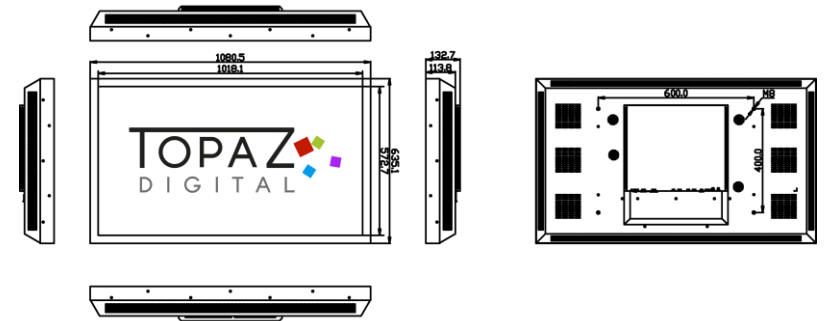
UPDATE YOUR SCREENS

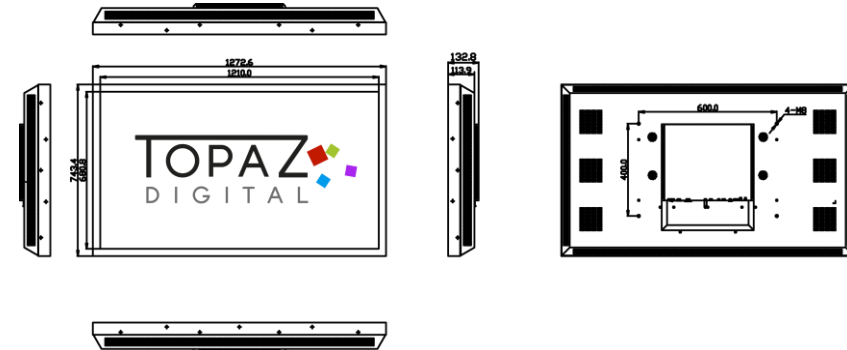You can then publish your content to single or multiple screens, or even to your entire organisation!

TOPAZ HIGH BRIGHT DISPLAYS - TECHNICAL SPECIFICATIONS

	DISPLAY SIZE	46 INCH	55 INCH	65 INCH
DISPLAY	UNIT SIZE (WXHXD MM)	1080.5 x 635.1 x 132.7	1272.6 x 743.4 x 132.8	1491 x 866 x 123.5
	UNIT WEIGHT (KG)	28	36	56.1
	DISPLAY AREA (MM)	1018.1 x 572.7	1210 x 680.8	1429 x 804
	VESA CONFIG	600 x 400	600 x 400	400 x 400
	SPEAKER TYPE	2W, 5Ω (x2)	2W, 5Ω (x2)	2W, 5Ω (x2)
	RESOLUTION	1920 x 1080		
	ASPECT RATIO	16:9		
	BRIGHTNESS (CD/M2)	2500		
	CONTRAST RATIO	5000:1	5000:1	4000:1
	COLOUR	16.7M		
	VIEWING ANGLE	178°		
	INPUT VOLTAGE	AC110-240V (50Hz-60Hz)		
	WORKING TEMPERATURE	0℃ to 50℃		
AV INPUTS	VIDEO	HDMI, VGA		
	AUDIO	Audio Socket (3.5mm)		
INTERNAL MEDIA PLAYER	MEDIA RESOLUTION	1920 x 1080		
	INTERNAL MEMORY	6GB		
	CPU	Quad-Core Cortex-A17@1.61GHz		Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz		Mali-T760 MP4 @600MHz
	RAM	2GB DDR3		2 GB DDR3
	ROM	8GB NAND		
	USB	USB2.0 Host (x2)		
	LAN	10/100M Ethernet		
	WI-FI	802.11b/g/n		
	OS	Android 5.1.1		Android 5.1.1
	GRAPHIC ENGINE	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1		OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
	MEDIA FORMATS	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)		
	SPECIAL	Images, Videos, Audio, Scrolling Text, On/Off Timer, On Screen Clock, Media Rotation		
ACCESSORIES	INCLUDED	Power Cable, Remote Control, Key, User Manual		

TPZ-HBVLS-46

TPZ-HBVLS-55

TPZ-HBVLS-65