

TRANSPORT SERVICES

OVERVIEW

DESIGN & SOLUTIONS - RELEASE 01

FLEX is at the side of the major airports and transport facilities, assisting them in the creation of the perfect wayfinding and communication strategy that is increasingly oriented towards digital, to maximize the experience of the travelers while enhancing the service, for the benefit of all brands and companies involved.

The result is achieved through two main stages: first, the study and sharing of a project aiming to a highly effective pedestrian flow management. Second, the development of an extremely personalized signage and communication system.

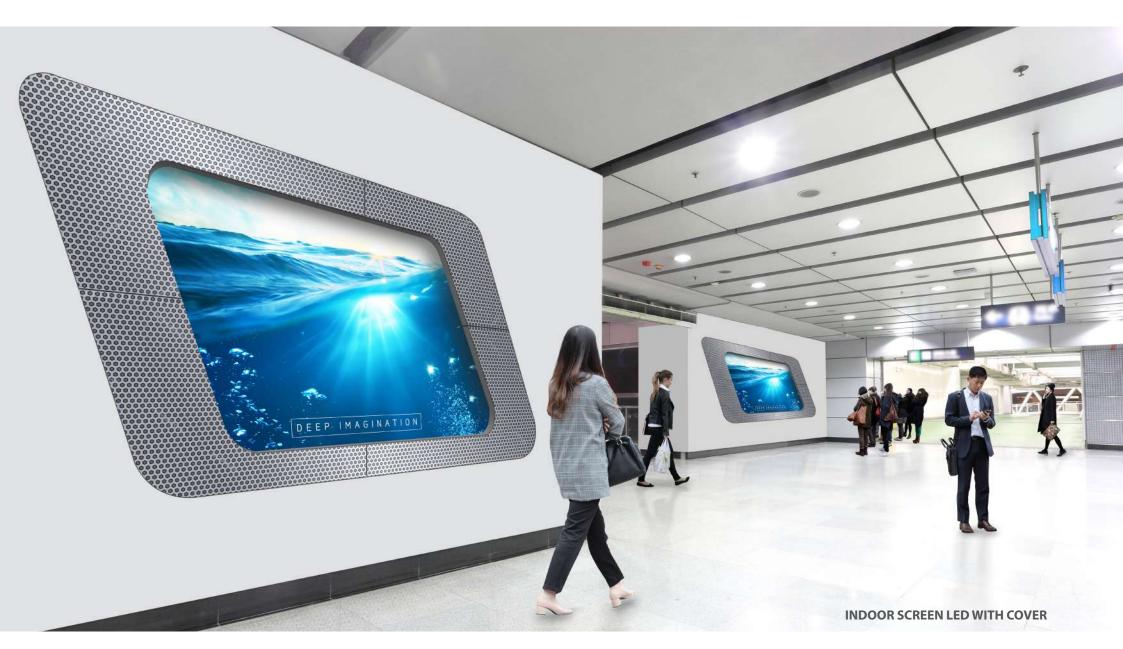
Da sempre FLEX affianca le principali strutture aeroportuali e di trasporto nello sviluppo di una strategia di wayfinding e comunicazione sempre più orientata al digitale che ottimizzi l'esperienza dei viaggiatori e valorizzi il servizio, a beneficio di tutti i brand e le società coinvolte.

Questo percorso passa per due focus principali: lo studio e la condivisione di un progetto mirato a una forte orientabilità dei flussi pedonali, e lo sviluppo di un sistema segnaletico e di comunicazione altamente personalizzato.

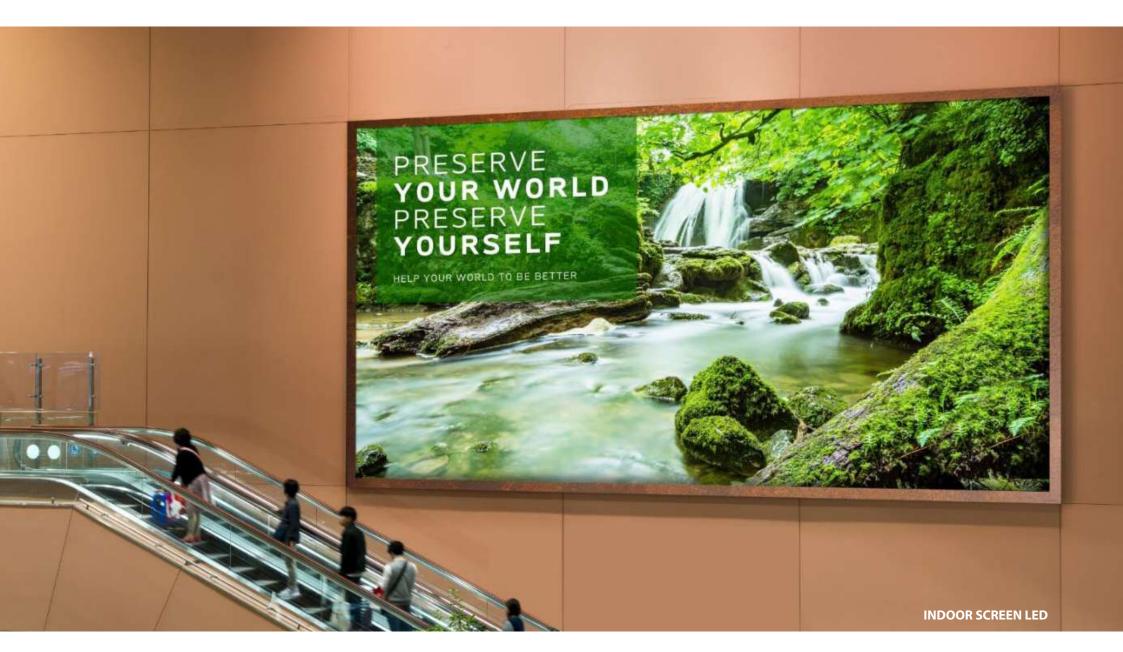








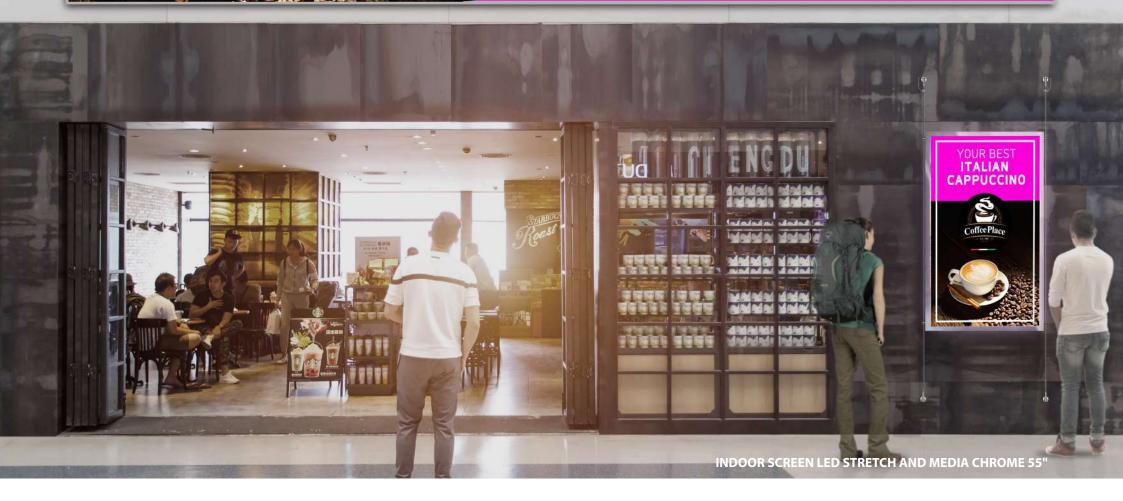




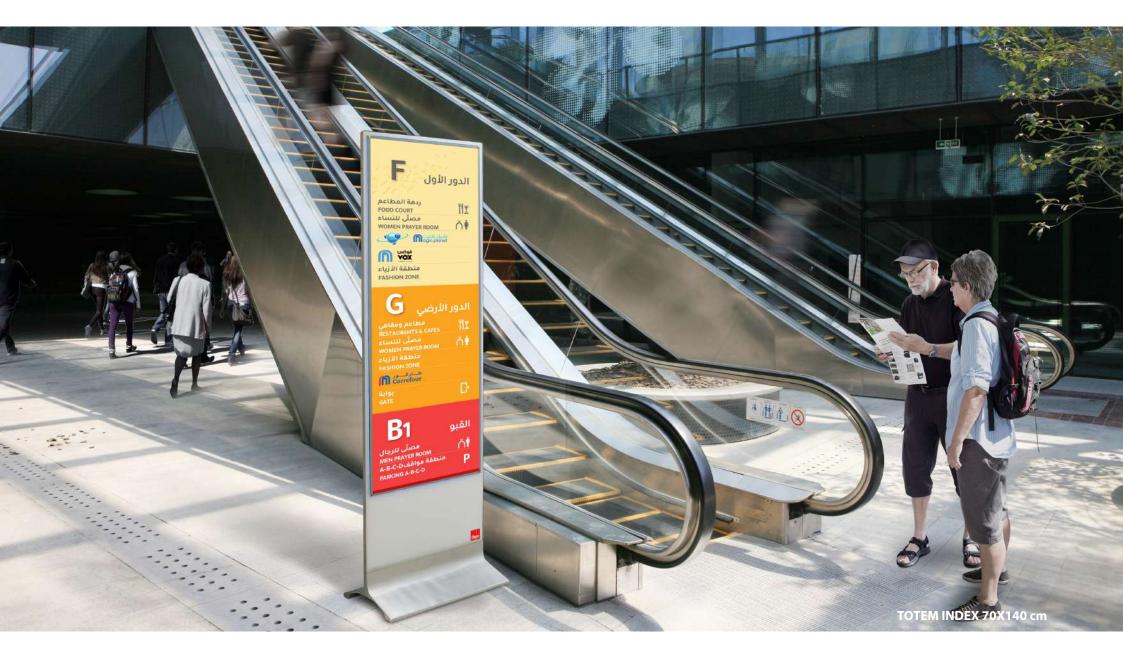


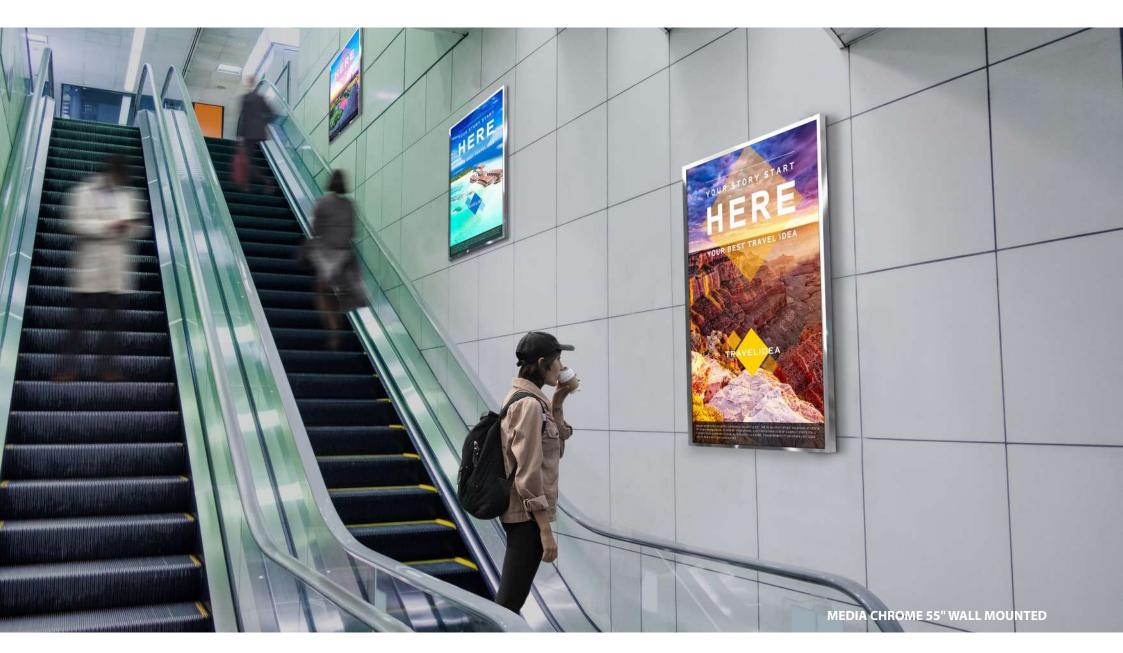


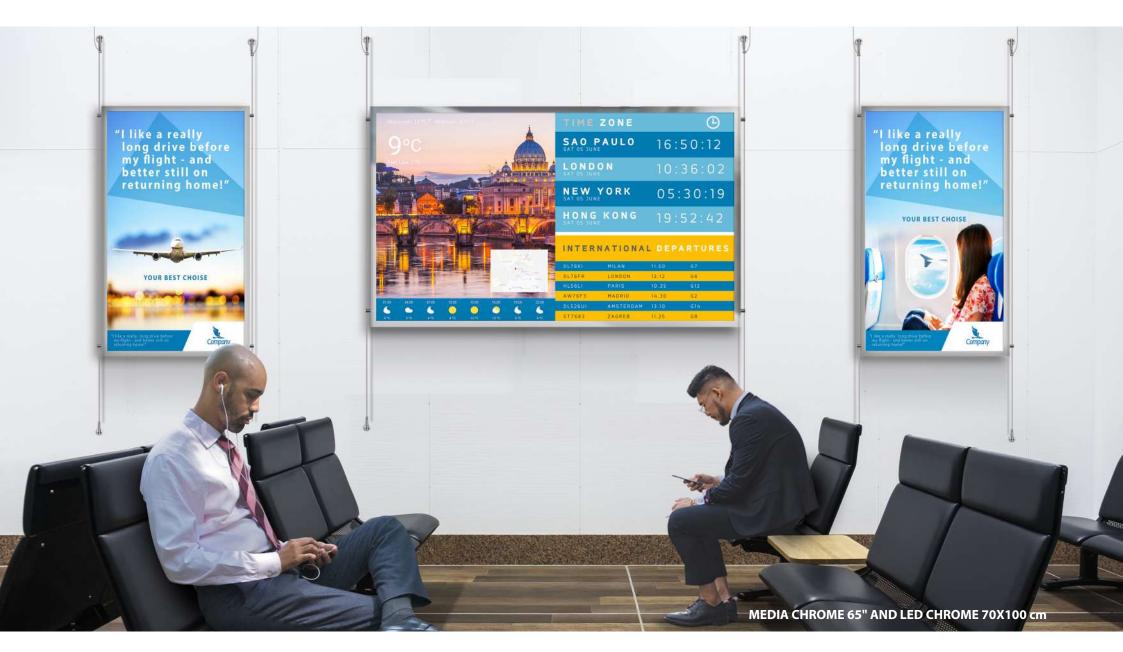








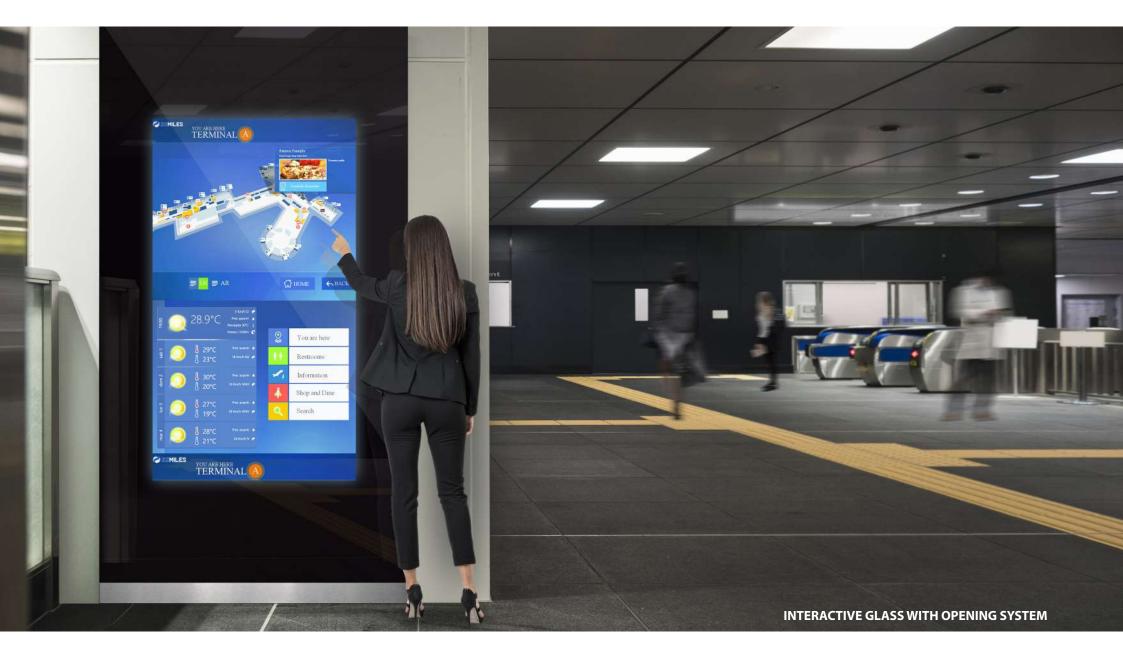


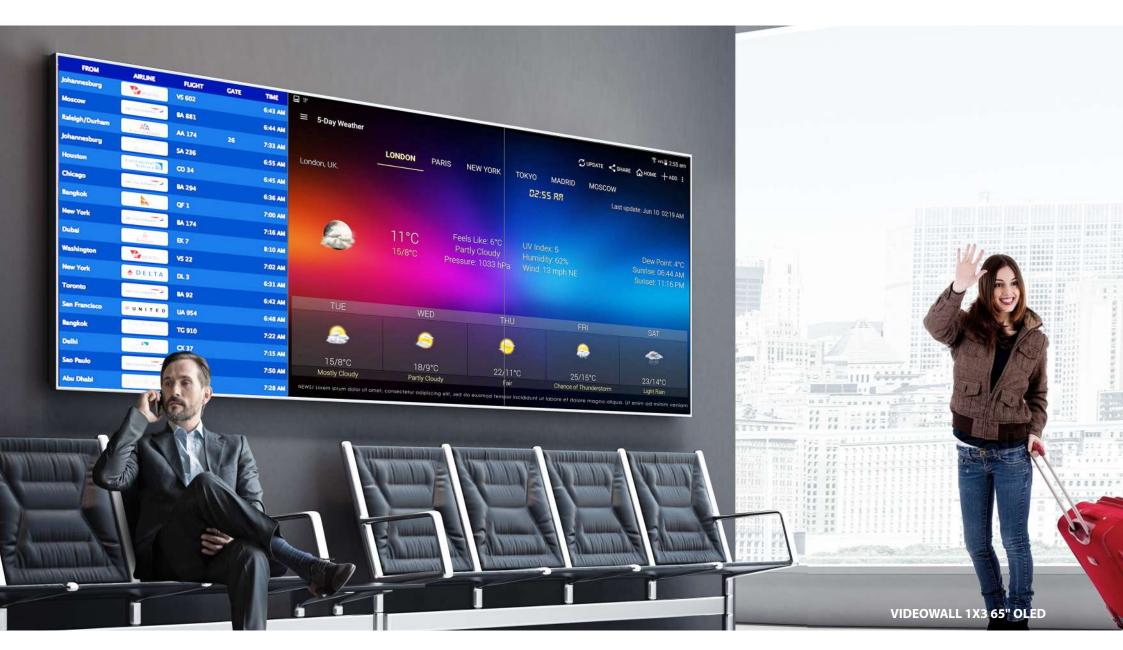


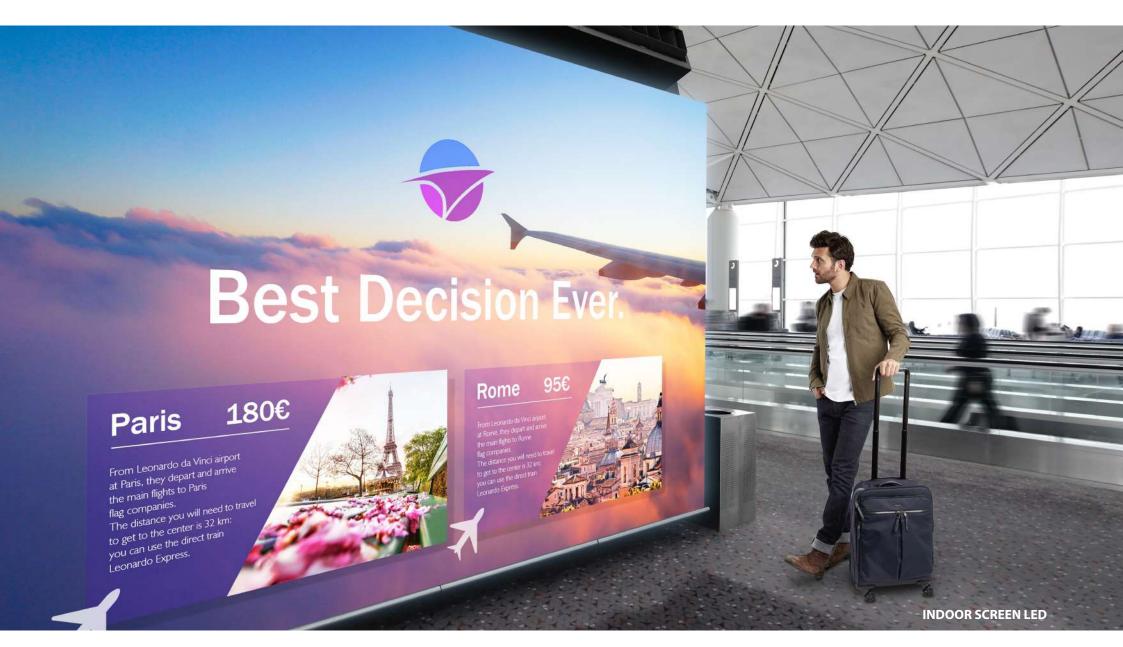




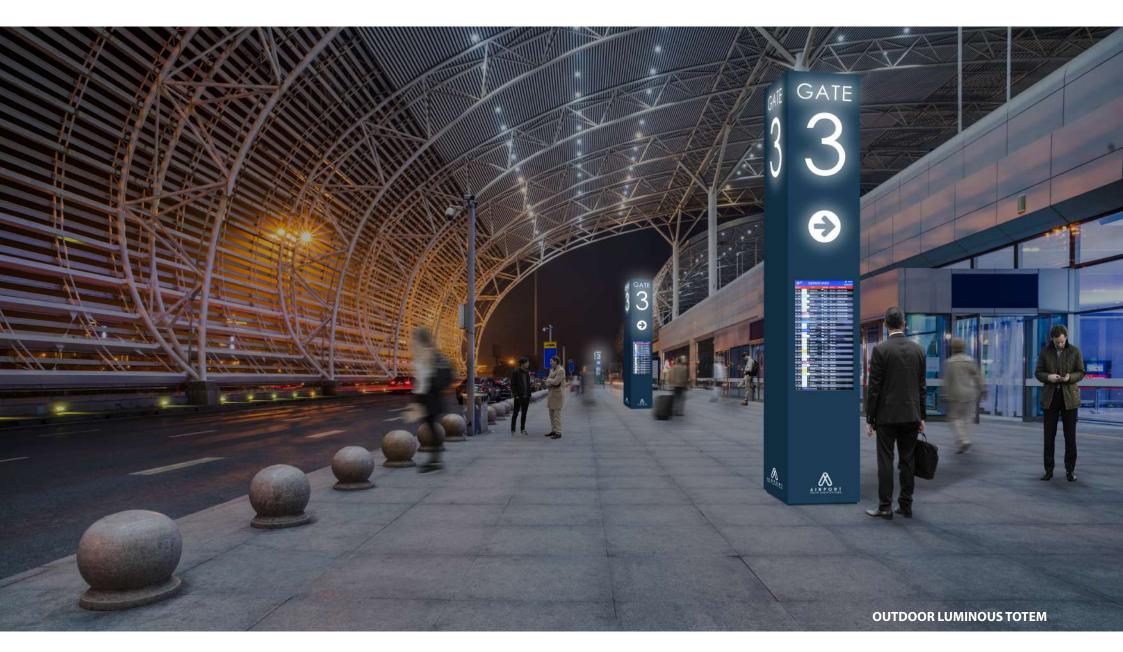


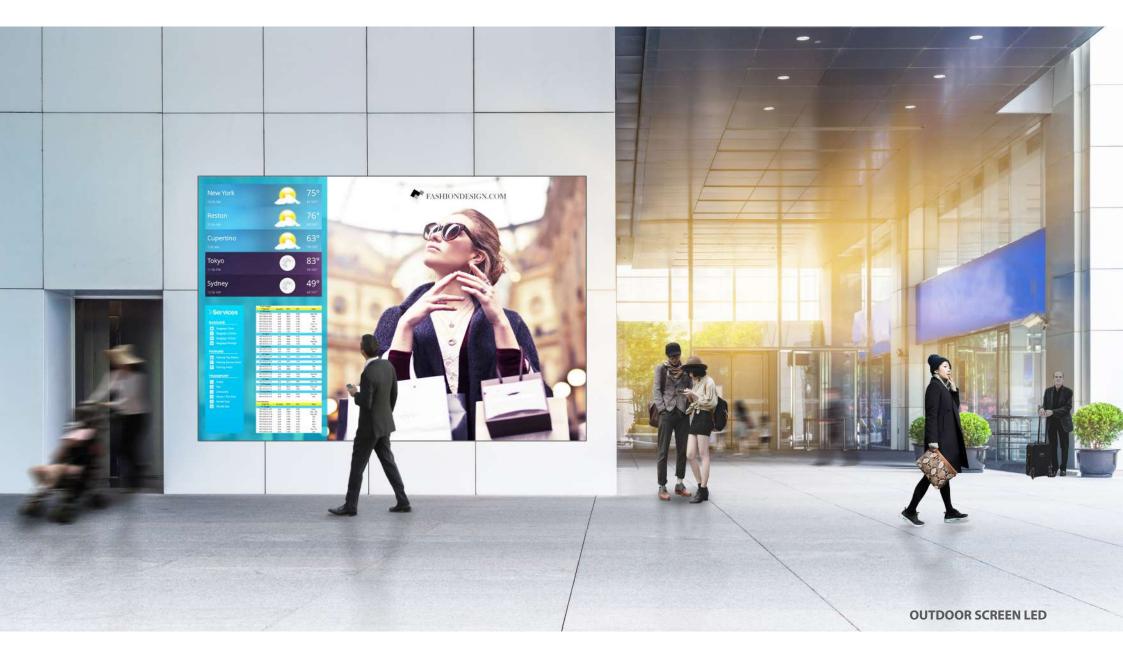


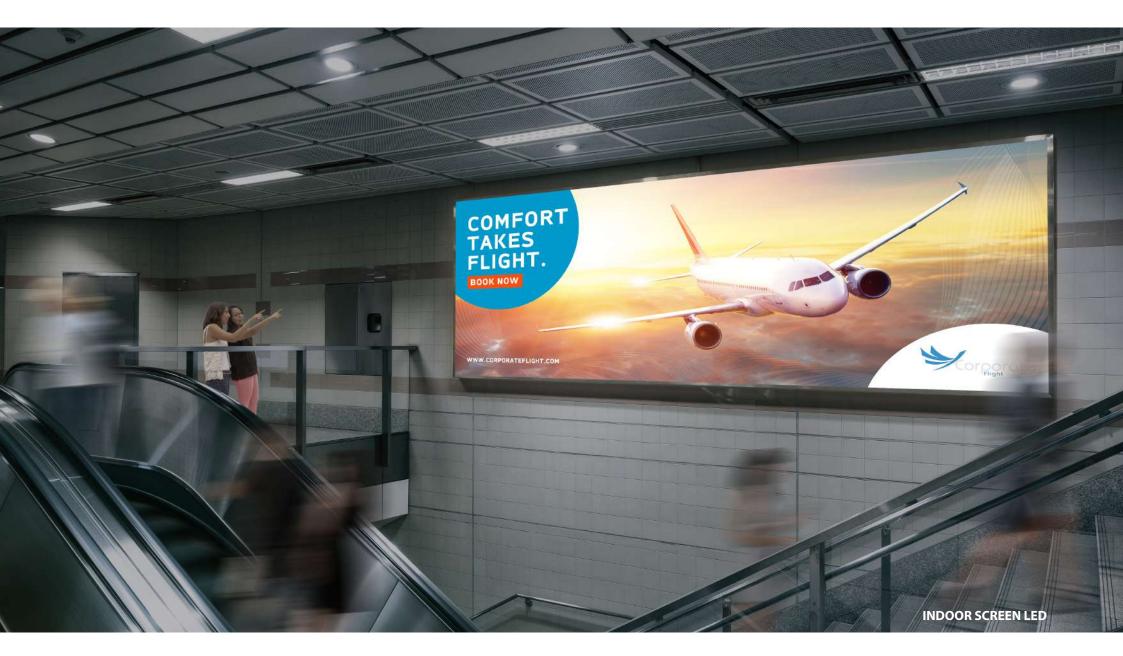




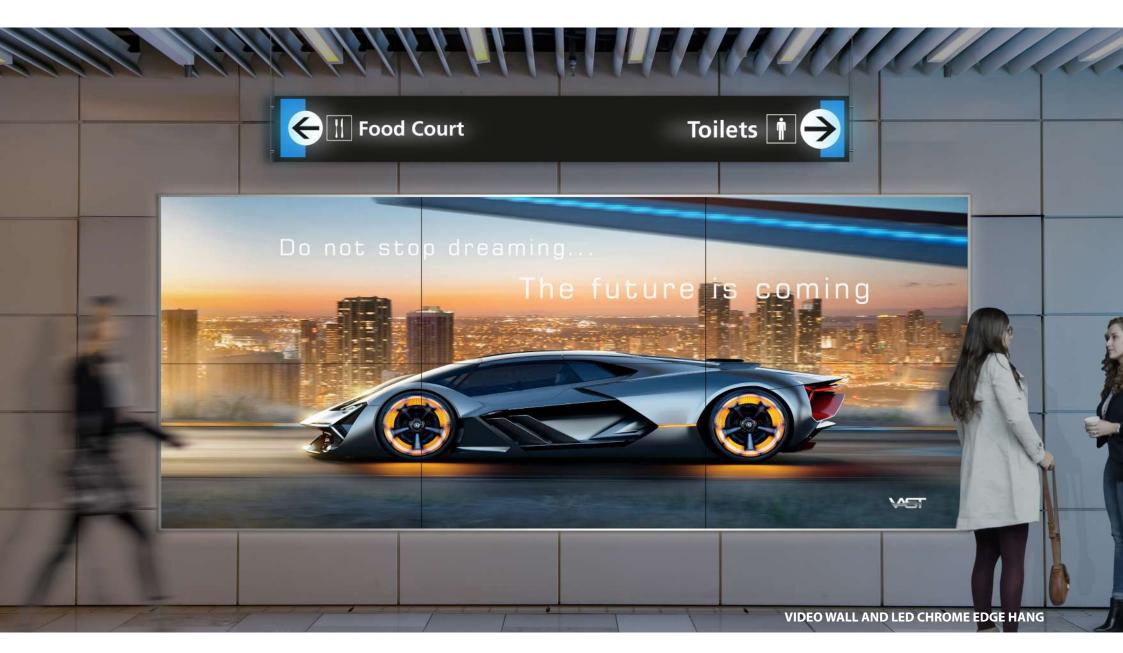




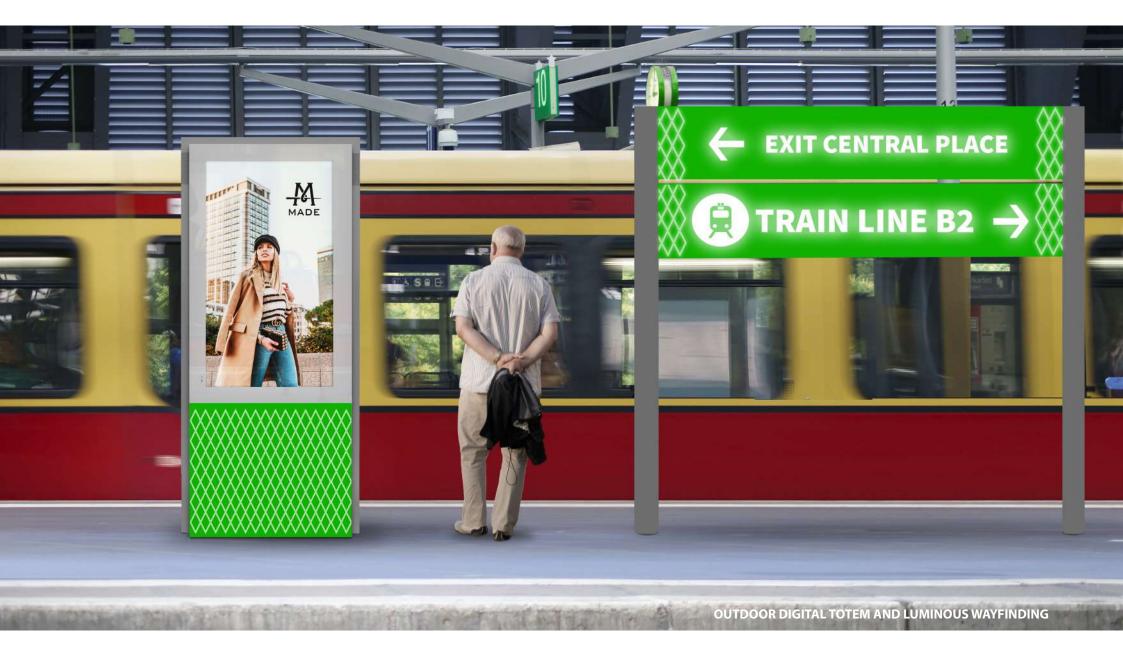










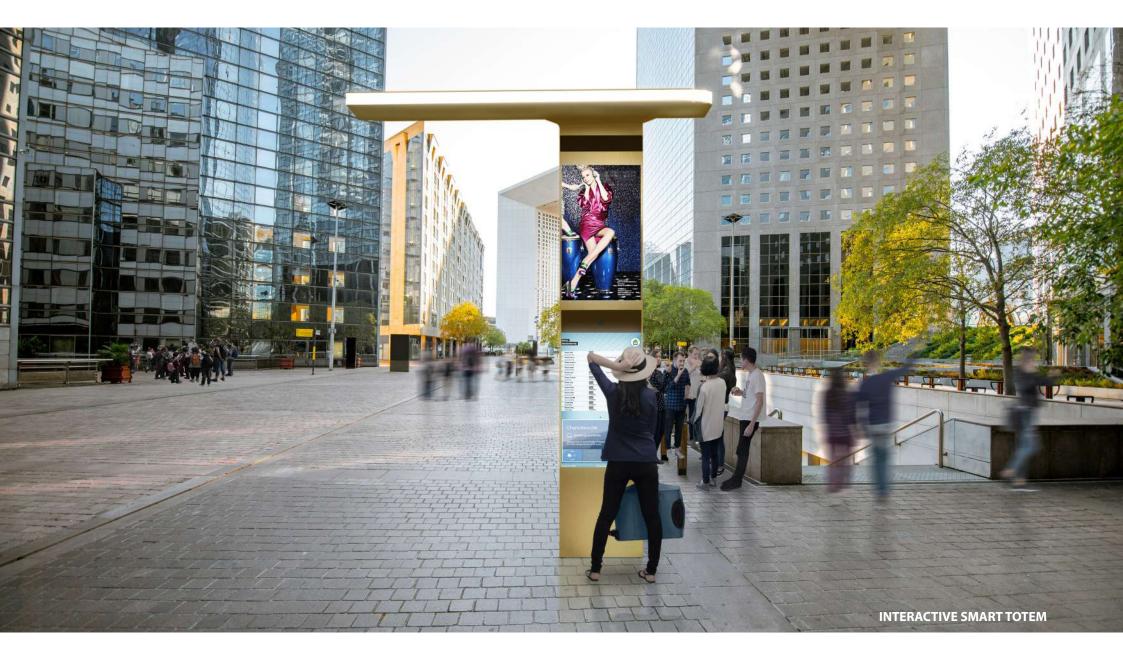








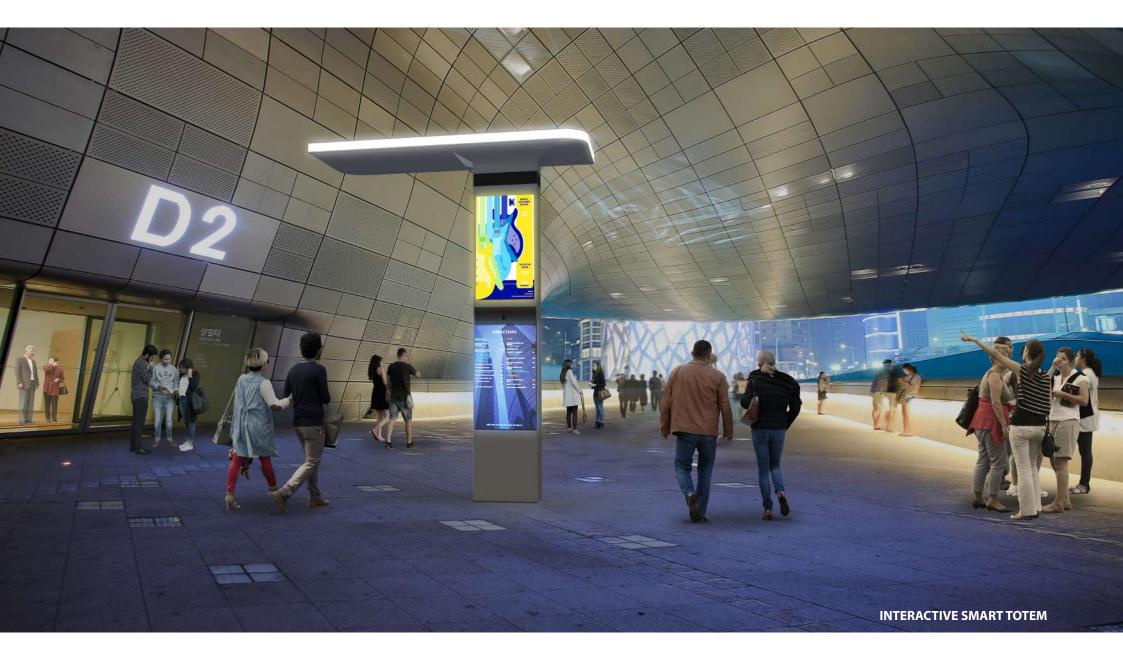


















SPECIFICATION

- Screen Led 7,5x2 mt PITCH 1.8 mm;
- Resolution: 4167x1111 pixel;
- Brightness: 800 nits;
- Optimal viewing distance: 1 mt;
- View angle: 150°;
- Average consumption: 230 W/sqm;
- Operating temperature: -10°C+ 55°C with air conditioning system;
- Weight: 22 Kg/sqm;
- Module thickness: 45 mm;
- Player: content management and system diagnostics.

MEDIA CHROME 55" - Ref. Pag 04



SPECIFICATION

- Media Chrome LCD 55";
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Content delivery network: MXP;
- Product finish: polished chrome.























INDOOR SCREEN LED WITH COVER - Ref. Pag 05



SPECIFICATION

- Screen Led 5x1.75 mt PITCH 1.8 mm;
- Resolution: 1920x675 pixel;
- Brightness: 800 nits;
- Optimal viewing distance: 1 mt;
- View angle: 150°;
- Average consumption: 230 W/sqm;
- Operating temperature: -10°C+45°C;
- Weight: 22 Kg/sqm;
- Module thickness: 45 mm;
- Micro-perforated stainless steel cover, 3mm thickness, powder coating;
- Player: content management and system diagnostics.

INDOOR SCREEN LED - Ref. Pag 06



- Screen Led 12x4 mt PITCH 3.9 mm;
- Resolution: 3077x1026 pixel;
- Brightness: 1200 nits;
- Optimal viewing distance: 4 mt;
- View angle: 150°;
- Average consumption: 200 W/sqm;
- Operating temperature: -10°C+45°C;
- Weight: 22 Kg/sqm;
- Module thickness: 45 mm;
- Player: content management and system diagnostics.





















SPECIFICATION

- Screen Led 10x5 mt PITCH 2.6 mm:
- Resolution: 3846x1923 pixel;
- Brightness: 1000 nits;
- Optimal viewing distance: 3 mt;
- View angle: 140°;
- Average consumption: <200 W/sqm;
- Operating temperature: 0°C+45°C;
- Weight: 30 Kg/sqm;
- Module thickness: 85 mm;
- Player: content management and system diagnostics.

INDOOR SCREEN LED AND LED CHROME EDGE HANG - Ref. Pag 08









SPECIFICATION SCREEN LED

- Screen Led 12x2 mt PITCH 1.8 mm:
- Resolution: 6667x1111 pixel;
- Brightness: 800 nits;
- Optimal viewing distance: 2 mt;
- View angle: 150°;
- Average consumption: 230 W/sqm;
- Operating temperature: 0°C+45°C;
- Weight: 22 Kg/sqm;
- Module thickness: 45 mm;
- Player: content management and system diagnostics.

SPECIFICATION LED CHROME EDGE

- Luminous panel with text customization in digital printing;
- Version: double sided;
- Product finish: polished chrome.

INDOOR SCREEN LED STRETCH AND MEDIA CHROME 55" - Ref. Pag 09



SOK HOURS









- Screen Led 6x0.75 mt PITCH 2.6 mm;
- Resolution: 2308x288 pixel;
- Brightness: 1000 nits;
- Optimal viewing distance: 3 mt;
- View angle: 150°;
- Average consumption: 230 W/sqm;
- Operating temperature: -10°C+45°C;
- Weight: 22 Kg/sqm;
- Module thickness: 45 mm;
- Player: content management and system diagnostics.

SPECIFICATION MEDIA CHROME

- Media Chrome LCD 55":
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Content delivery network: MXP;
- Product finish: polished chrome.

DISPLAY UNIT WITH MEDIA CHROME 55" AND SOUNDSHOWER - Ref. Pag 10



- Precious structures Display Unit;
- Media Chrome LCD 55";
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Integrated player: Intel i5- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Sound Shower with proximity sensor (directional speaker that creates a focused sound beam);
- Product finish: polished chrome.

















TOTEM INDEX 70X140 cm - Ref. Pag 11



SPECIFICATION

- Stand alone display totem, with metallic base and message holder panel;
- The panel is a methacrylate sheet, thickness 5 mm;
- Message size: 70x140 cm;
- Totem size: 76x200 cm;
- Version: double sided;
- Product finish: polished chrome.

MEDIA CHROME 55" WALL MOUNTED - Ref. Pag 12



SPECIFICATION

- Media Chrome LCD 55";
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Content delivery network: MXP;
- Product finish: polished chrome.























MEDIA CHROME 65" AND LED CHROME 70X100 cm - Ref. Pag 13















- Media Chrome LCD 65";
- Orientation: lanscape;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Integrated player: Intel i5- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Product finish: polished chrome.

SPECIFICATION LED CHROME

- Luminous panel for communication;
- Panel, with easy message change system;
- Message size: 70x100 cm;
- Product finish: polished chrome.

MEDIA CHROME 49" WALL MOUNTED TOUCH - Ref. Pag 14

















- Media Chrome LCD 49";
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Touchscreen 40 touch:
- Integrated player: Intel i5- 4gb RAM, 64 GB SSD, Windows 10 IoT;

MEDIA TOTEM 55" TOUCHSCREEN - Ref. Pag 15



SPECIFICATION

- Media Totem LCD 55";
- Version: single sided;
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Touchscreen 40 touch;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Product finish: stainless steel and white glass.

MONITOR 86" LCD ULTRASTRETCH AND TENDIFLEX SPHERE - Ref. Pag 16



SPECIFICATION MONITOR 86"

- Monitor LCD Ultrastretch 86":
- Orientation: lanscape;
- Resolution: Ultra HD 3840x600 pixel;
- Aspect ratio: 58:9;
- Brightness: 700 nits;
- Multiple content creation: 4 input;
- LAN Daisy Chain;
- View angle: 178°;

SPECIFICATION TENDIFLEX SPHERE

- Post TENDIFLEX SPHERE;
- Webbing: extendible up to m 2,30 with slow retraction mechanism:
- Webbing customization: logo;
- Cap customization: logo;
- Post height: 97 cm;
- Product finish: polished chrome.













INTERACTIVE GLASS WITH OPENING SYSTEM - Ref. Pag 17



SPECIFICATION

- Interactive glass with the monitor LCD 65" touch screen;
- Laminated glass and tempered (6+1.5+6);
- Touchscreen 12 touch;
- Integrated player: Intel i5- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- WebCam and proximity sensor;
- Orientation: lanscape;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Eletrical opening system.

VIDEOWALL 1X3 65" OLED - Ref. Pag 18



- Video Wall 1x3 65" OLED;
- Orientation: lanscape;
- Resolution: 3840x2160 pixel;
- Aspect ratio: 9:16;
- Brightness: 400 nits;
- Contrast: 150000:;
- View angle: 178°;
- Remote Controller, Power Cord, QSG, IR Receiver, Regulation Book, Phone to RS232C Gender, RS232 Cable, FFC Cables (for Connection Between Panel and Signage Box).























SPECIFICATION

- Screen Led 6x2.5 mt PITCH 1.2 mm;
- Resolution: 5000x2083 pixel;
- Brightness: 600 nits;
- Optimal viewing distance: 1 mt;
- View angle: 150°;
- Average consumption: 250 W/sqm;
- Operating temperature: -0°C+45°C;
- Weight: 33 Kg/sqm;
- Module thickness: 40 mm;
- Player: content management and system diagnostics.

OUTDOOR SCREEN LED - Ref. Pag 20



SPECIFICATION

- Screen Led 4x12 mt PITCH 10 mm;
- Resolution: 400x1200 pixel;
- Brightness: 6000 nits;
- Optimal viewing distance: > 8 mt;
- View angle: 120°;
- Average consumption: 150 W/sqm;
- Operating temperature: -20°C+55°C;
- Weight: 40 Kg/sqm;
- Module thickness: 100 mm;
- Protection: IP65;
- Player: content management and system diagnostics.









OUTDOOR LUMINOUS TOTEM - Ref. Pag 21



SPECIFICATION

- Totem with 2 monitor LCD 43";
- Orientation: portrait;
- Brightness: 700 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Integrated player: Intel i5- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Painted aluminum structure;
- Laser cut and backlight text;
- Illumination text: LED.





OUTDOOR SCREEN LED - Ref. Pag 22



- Screen Led 5x3.75 mt PITCH 4 mm;
- Resolution: 1250x938 pixel;
- Brightness: 5500 nits;
- Optimal viewing distance: 4 mt;
- View angle: 140°;
- Average consumption: 260 W/sqm;
- Operating temperature: -20°C+55°C;
- Weight: 45 Kg/sqm;
- Module thickness: 150 mm;
- Protection: IP67;
- Player: content management and system diagnostics.

















SPECIFICATION

- Screen Led 7,5x3 mt PITCH 1,8 mm;
- Resolution: 4167x1667 pixel;
- Brightness: 800 nits;
- Optimal viewing distance: 2 mt;
- View angle: 150°;
- Average consumption: 230 W/sqm;
- Operating temperature: -10°C+45°C;
- Weight: 25 Kg/sqm;
- Module Thickness: 50 mm;
- Player: content management and system diagnostics.

VIDEO WALL WITH BLACK GLASS COVER - Ref. Pag 24



SPECIFICATION

- Interactive Video Wall 3x2 55" LCD;
- Brightness: 700 nits;
- Bezel: total bezel 1.8 mm;
- Bracket: Push&pull Stirrups;
- Wall controller: Intel i7 8 gb RAM -250 GB SSD, Windows 10 IoT;
- Touch infrared frame: 20 touch;
- WebCam and proximity sensor;
- View angle: 178°;
- Laminated glass and tempered (6+1.5+6).





















SPECIFICATION

- Video Wall 3x2 49" LCD;
- Brightness: 700 nits;
- Bezel: total bezel 1.8 mm;
- Bracket: Push&pull Stirrups;
- Wall controller: Intel i7 8 gb RAM -250 GB SSD, Windows 10 IoT;
- View angle: 178°.

SPECIFICATION LED CHROME EDGE

- Luminous panel with text customization in digital printing;
- Version: single sided;
- Product finish: polished chrome.

INTERACTIVE KIOSK 43" - Ref. Pag 26















- Interactive LCD 43";
- Resolution: 1920x1080 pixel;
- Aspect ratio: 16:9;
- Brightness: 400 nits;
- Contrast: 1000:1;
- Viewing angle: 178°;
- Life cycle: 50.000 hours;
- Touch screen: IRtouchscreen 10 touches;
- Customizable area with logo colors;
- Product finish: stainless steel scotch brite.





















OUTDOOR DIGITAL TOTEM AND LUMINOUS WAYFINDING - Ref. Pag 27



SPECIFICATION DIGITAL TOTEM

- Digital Totem LCD 55";
- Version: double sided;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Operating temperature: -10°C+ 55°C with air conditioning system;
- Brightness: 2500 nits.
- Painted aluminum structure.

SPECIFICATION LUMINOUS SIGN

- Wayfinding Signage;
- Painted aluminum structure;
- Laser cut and backlight text;
- Illumination text: LED.



















INTERACTIVE SMART TOTEM - Ref. Pag 28



SPECIFICATION

- Interactive Smart Totem
- Monitor 55" touchscreen (20 touch);
- 2 Monitor 55" for communication;
- Painted aluminum structure;
- Illumination: LED:
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Security Cam;
- USB device charging;
- Facial Reader;
- WebCam and proximity sensor;
- Brightness: 2500 nits.























WAYFINDING POLE FOR DYNAMIC SIGN AND AUTOMATIC BOLLARDS - Ref. Pag 29



SPECIFICATION POLE

- Wayfinding poles for dynamic sign;
- Monitor 37" stretch:
- Version: double sided:
- Painted aluminum structure;
- Illumination: LED:
- Integrated player: Intel i5- 4gb RAM, 64 GB SSD, Windows 10 IoT;

SPECIFICATION BOLLARDS

The Automatic Bollard is the first high security bollard to be impact tested as part of the PAS 68 testing program, becoming one of the strongest automatic bollards available in the security market.

INTERACTIVE SMART TOTEM - Ref. Pag 30



- Interactive Smart Totem
- Monitor 55" touchscreen (20 touch);
- 2 Monitor 55" for communication;
- Painted aluminum structure;
- Illumination: LED:
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Security Cam;
- USB device charging;
- Facial Reader:
- WebCam and proximity sensor;
- Brightness: 2500 nits.

























INTERACTIVE SMART TOTEM WITH BENCH - Ref. Pag 31



SPECIFICATION

- Interactive Smart Totem and bench:
- Monitor 55" touchscreen (20 touch);
- Painted aluminum structure:
- Illumination: LED:
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT:
- Security Cam;
- USB device charging;
- Facial Reader:
- WebCam and proximity sensor;
- Brightness: 2500 nits.





















OUTDOOR DIGITAL TOTEM - Ref. Pag 32



SPECIFICATION

- Interactive Smart Totem
- Monitor 55" touchscreen (20 touch);
- 2 Monitor 55" for communication;
- Painted aluminum structure:
- Illumination: LED;
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Security Cam;
- USB device charging;
- Facial Reader;
- WebCam and proximity sensor;
- Brightness: 2500 nits.





















COLUMN RECHARGING ELECTRIC CARS - Ref. Pag 33



SPECIFICATION

- Columns for electric car charging;
- Monitor LCD 55";
- Version: single sided;
- Orientation: portrait;
- Brightness: 2500 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Monitor 12" Touchscreen;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Product finish: stainless steel.
- Illumination: LED

LIGHT POLES WITH DYNAMIC COMMUNICATION AND WASTE BASKETS - Ref. Pag 34

















SPECIFICATION POLES

- Painted aluminum structure;
- Illumination: LED:
- Monitor LCD 75" (double sided);
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Brightness: 3000 nits.

WASTE BASKETS

- Smart Waste basket;
- Painted aluminum structure;
- Waste level detection;
- Informs the control room that the bin should be emptied;
- Illumination: LED.

























COLUMN RECHARGING ELECTRIC CARS - Ref. Pag 35











SPECIFICATION

- Columns for electric car charging;
- Monitor LCD 55";
- Version: single sided;
- Orientation: portrait;
- Brightness: 2500 nits;
- Resolution: full HD 1920x1080 pixel;
- Life cycle: 50.000 hours;
- System operation: 24/7;
- Monitor 12" Touchscreen;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Product finish: stainless steel.
- Illumination: LED

OUTDOOR DIGITAL TOTEM - Ref. Pag 36



SPECIFICATION

- Interactive Smart Totem
- Monitor 55" touchscreen (20 touch);
- 2 Monitor 55" for communication;
- Painted aluminum structure;
- illumination: LED:
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Security Cam;
- USB device charging;
- Facial Reader;
- WebCam and proximity sensor;
- Brightness: 2500 nits.























SMART ISLAND - Ref. Pag 37



SPECIFICATION

- Smart Island;
- Painted aluminum structure:
- Illuminated: LED:
- Wifi hot spot;
- USB device charging.

LIGHT POLES WITH DYNAMIC COMMUNICATION - Ref. Pag 38

















- Painted aluminum structure:
- Illumination: LED;
- Monitor LCD 75" (single sided);
- Wifi hot spot;
- Integrated player: Intel i7- 4gb RAM, 64 GB SSD, Windows 10 IoT;
- Brightness: 3000 nits.









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