



# apatronics

Digital Signage <sup>by</sup> Apametal

The future comes brighter

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55"4K/65"4k



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75" FHD



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SUPER  
"DRY"



雪印メグミルク

おいしいさと健康  
Cylindric



かぜに  
改源



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LOTTERIA

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APATRONICS - Digital Signage by Apametal is a digital signage brand from Grupometal focused on digital communication for companies, which offers the best LED and LCD solutions on the market.

From conception to final product, Apatronics, together with its partners and suppliers, aggregates high quality services, always seeking to offer the best hardware and software solutions for content management, appropriate to the size and needs of your business.

With over 40 years of activity in the implementation of Corporate Image programs, Apametal is recognized for offering complete solutions with a high level of rigor and quality, also committing itself to an after-sales service that is always available and capable of responding to needs of our customers.

At your disposal at our headquarters, we have the largest LED Showroom in Europe, where you can see live and in color the most varied formats of LED, LCD Touchscreens and Transparent screens, which will make a difference in the digital communication of your business.

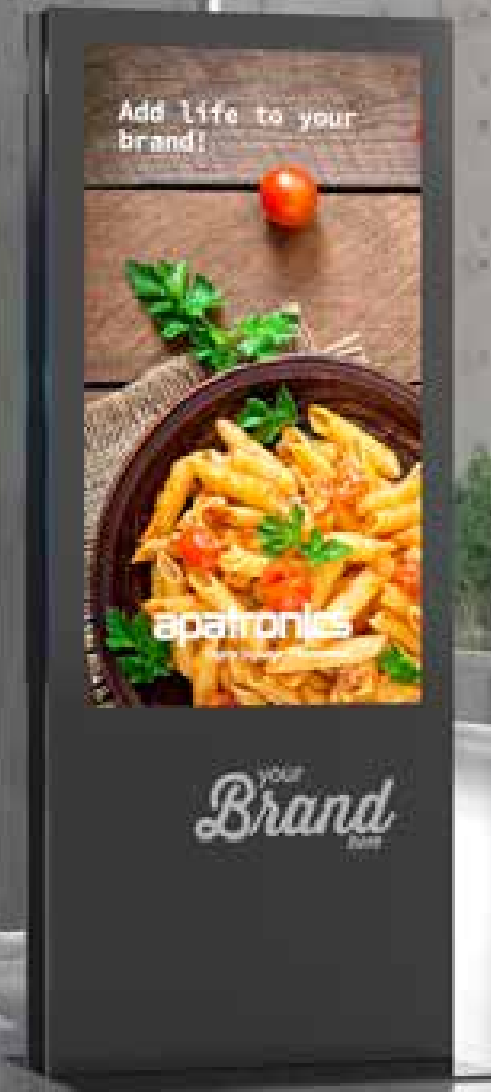
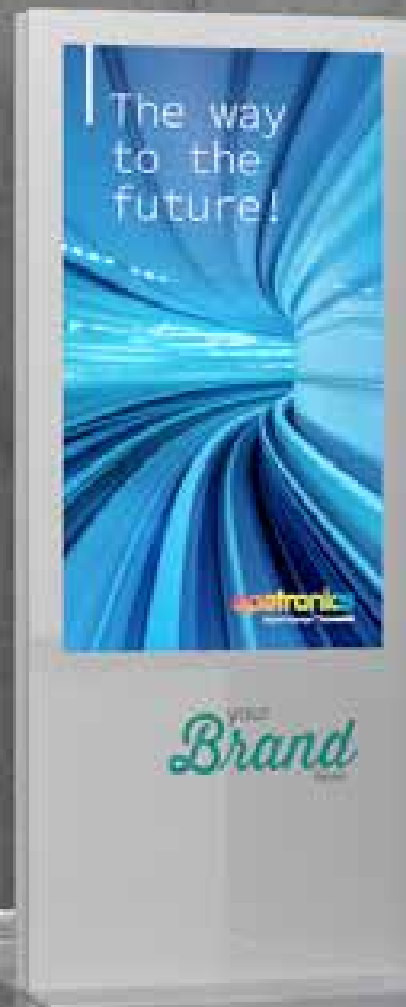
# MUPI CITY

## 55" 4K / 65" 4K

The **MUPI CITY 55"** and **65" 4K 24/7** with sound by Apatronics - Digital Signage by Apametal, is an Indoor Mupis model (for indoor use) developed and produced by Apametal, ideal to highlight your digital communication, in the most varied types of businesses or services, namely car repair shops, waiting rooms in Hospitals or Health Centers, companies that provide customer service at their facilities.

The size of the intended professional LCD can vary and has resolutions from Full HD to 4K Ultra HD.

**3 YEARS WARRANTY.**



# MUPI CITY 75"

The size of the intended professional LCD can vary and has resolutions from Full HD to 4K Ultra HD..

## **3 YEARS WARRANTY.**

### **Customization**

With more than 100 colors available, this billboard can also be coated with other materials and textures of your choice. It is also possible to place the customer's brand printed on the product or even backlit.

### **Local or remote content management**

The management of multimedia content on different devices can be done locally through a Pen or External Disk, but also through our Digital Signage solutions. With this solution, content can be updated from anywhere in the world and in real time. It also allows features such as adding playlists, widgets (time, RSS feeds, streams).





# MUPI LISBON

## 55" 4K | 65" 4K

The **MUPI LISBON 55" 4K** and **MUPI LISBON 65" 4K** Apatronics - Digital Signage by Apametal, are the new range of Premium quality billboards. With its rounded corners and excellent finishes, its epoxy lacquered iron structure with 'screwless' system makes any modification or maintenance of the equipment easy.

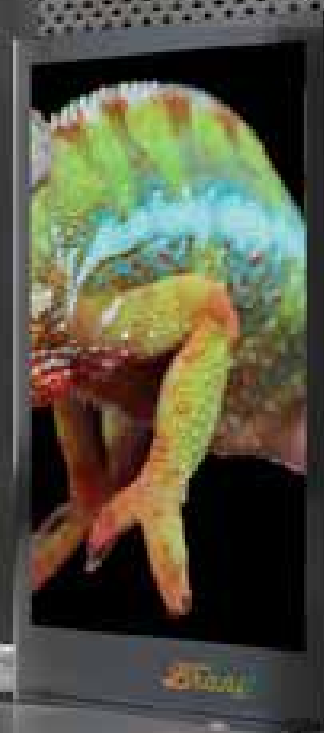
It has the capacity to receive three power inputs, one of them through the floor (which allows the cables to be camouflaged), through the back or through the top. Its anti-noise finish effectively muffles the sounds emitted by the cooling system.

The LG 55" and 65" professional screen allowing content in 4K Ultra HD, a resolution 4x higher than Full HD.

**3 YEARS WARRANTY.**



# MUPI LISBON 75" FHD



# MUPI ALMADA

## 55" 4K / 65" 4K

The **MUPI ALMADA 55" / 65" 24/7** Apatronics - Digital Signage by Apametal is a premium quality product, more economical, but also more versatile, light and flexible due to its weight. Its structure is made of epoxy lacquered iron with a screwless system.

This MUPI has the particularity of rotating in 90°, with the possibility of having it in a vertical position but also in a horizontal position. The VESA standard allows you to receive several other screens of different formats, as long as they are compatible with this system.

It is an equipment especially recommended for events and presentations, not only for its rotational flexibility, but also for its accessible mobility (it can be mounted with wheels). The 55" version also has a built-in sound system.

**3 YEARS WARRANTY.**



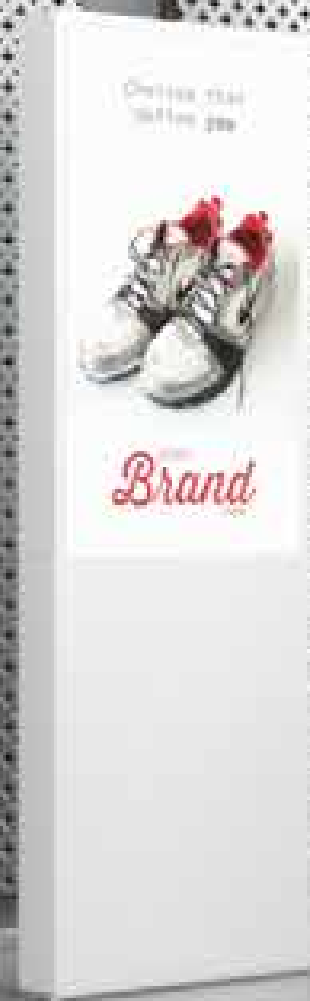


# MUPI CASCAIS 55"

Mod. 1



Mod. 2



Versatile billboard with an extraordinary 55" screen, it is intended for indoor use, however the excellent quality of the material makes it possible to use it outdoors. Produced in Corian®. Product of extreme quality and minimalist appearance.

Corian® is non-porous and hygienic. Its smooth surface does not allow residues to penetrate, which makes cleaning easier. Bacteria and fungi also do not penetrate. Once clean, the Corian® surface is really clean. Corian® surfaces are renewable and ecological. Stains and scratches can be easily removed using a sponge and a regular cleaning product. Effortless cleaning restores the original surface. The glues used to glue the surface provide a finish with imperceptible seams.

This version [model 1], entirely made of Corian®, with the exception of the top cover in hollow stainless steel, in order to allow efficient internal air conditioning.

Access for maintenance is guaranteed through two doors located on the sides with an IMAN lock.

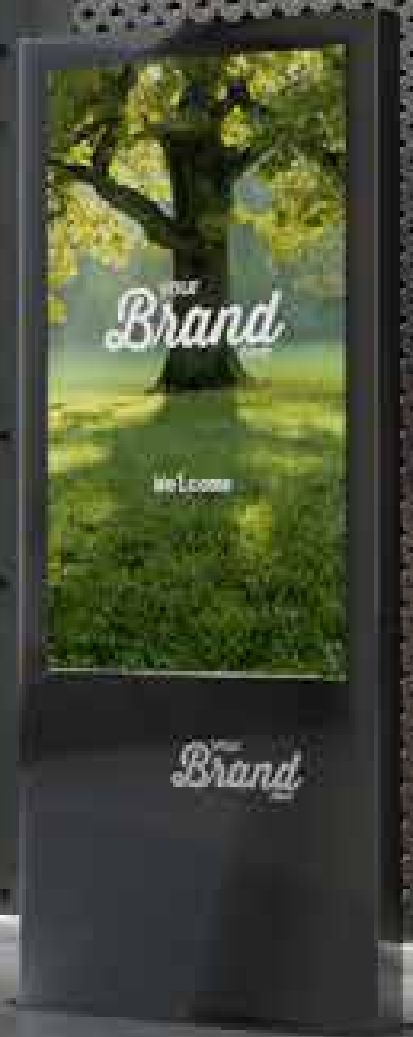
Can be produced in a single-sided version.

**3 YEARS WARRANTY.**





# MUPI OEIRAS 55" 4K / 65" 4K



The MUPI OEIRAS 55" Full HD and 65" 4k Apatronics - Digital Signage by Apametal, is a new range of Premium quality billboards. With its excellent finishes, its epoxy lacquered iron structure with a screwless system (without screws) facilitates any modification or maintenance of the equipment without inconvenience.  
**3 YEARS WARRANTY.**

# MUPI OEIRAS 75"



The **MUPI OEIRAS 75"** Apatronics - Digital Signage by Apametal, is a new range of Premium quality billboards. With its excellent finishes, its epoxy lacquered iron structure with a screwless system (without screws) facilitates any modification or maintenance of the equipment without inconvenience.

## High contrast, definition and resolution screens

Apametal, in partnership with the professional range of LG screens, presents you with a product with the best image quality, both in terms of color and detail. Your content gets more prominence compared to all other offline / static communication.



# MUPI PORTO

## 55\" 4K

The **MUPI PORTO 55\" 4K** Apatronics - Digital Signage by Apametal, belongs to the new range of Premium quality billboards. With its rounded corners and excellent finishes, wood finish, with 'screwless' system (without screws) facilitates any modification or maintenance of the equipment without inconvenience.

It has the capacity to receive three power inputs, one of them through the floor (which allows the cables to be camouflaged), through the back or through the top. Its anti-noise finish effectively muffles the sounds emitted by the cooling system. The LG 55\" 24/7 professional display model has a slightly smaller size, being the native resolution for 4K content (3840x2160 pixels) and has a built-in sound system.

**3 YEARS WARRANTY.**

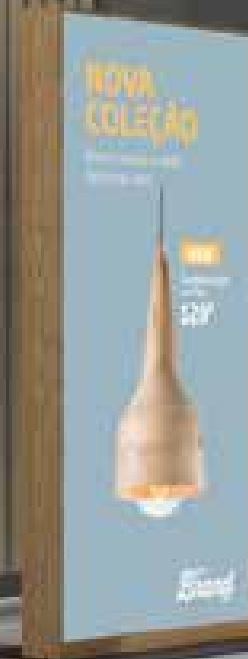
# MUPI LED

## PITCH 2.8/3.9



### High contrast, definition and resolution screens.

Apametal, in partnership with the professional range of LG screens, presents you with a product with the best image quality, both in terms of color and detail. Your content gets more prominence compared to all other offline / static communication.



The **LED MUPI PITCH 2.8/3.9 SERIES INDOOR** by Apatronics - Digital Signage by Apametal, is a premium quality product, with a standard size of 1000x2000mm (vertical) and a modular system that allows for greater ease and speed in the maintenance and repair of LEDs. Anti-noise finish effectively muffles the sounds emitted by the cooling system.

With the LED solution, it is possible to give greater prominence and brightness to your communication. Due to the reduced pixel pitch, it can be viewed both at short, but also at medium and long distances.

**3 YEARS WARRANTY.**



## MUPI SHOPPING 1.0

The **MUPI SHOPPING 1.0** by Apatronics - Digital Signage by Apametal, stands out for its elegance and simple design. Designed especially for indoor applications, and allows fully customize with materials and textures so that you can standardize the entire decoration of your commercial space.

There are two digital solutions for displays: LED or LCD. With the LED solution, a fully modular system, it is possible

to give greater prominence and brightness to your communication, being that it is to be visualized at medium and long distances.

The LCD solution allows for a higher resolution of the contents, up to Ultra HD 4K, being especially recommended for indoor use and for medium / close distance viewing.

**3 YEARS WARRANTY.**





# MATERIALS & TEXTURES



powered by **EGGER**

Various finishes available in:  
Melamine,  
Laminate,  
Thermolaminates.  
For a perfect finish.





## MUPI 55" 4K

The **MUPI 55" 4K** Apatronics - Digital Signage by Apametal, is a premium quality product with an excellent design.

Its lacquered steel or brushed stainless steel structure, with the option of castors on the base, facilitates the relocation of the equipment without inconvenience, being ideal for meeting rooms.

The screen support system allows its application vertically or horizontally, depending on space availability and customer needs.

3 years warranty.



### High contrast and definition display

LG 55ET961H OLED

Diagonal display: 139.7 cm (55") 24/7

Display resolution: 3840 x 2160 pixels

Display brightness: 500 cd/m

### Control and management of multimedia content

Manage all multimedia content on different devices through our digital signage solutions. Add playlists, edit and schedule the order of content to play; design eye-catching layouts and add widgets (such as time, feeds and even live streams) to your videos!

Regardless of the management software you choose, all the solutions we have allow you to update content in real time and schedule/schedule at any time of the day.

# MUPI WALL

## 55" 4K

High contrast and definition screen

LG 55ET961H.

Diagonal display: 139.7 cm (55") 24/7

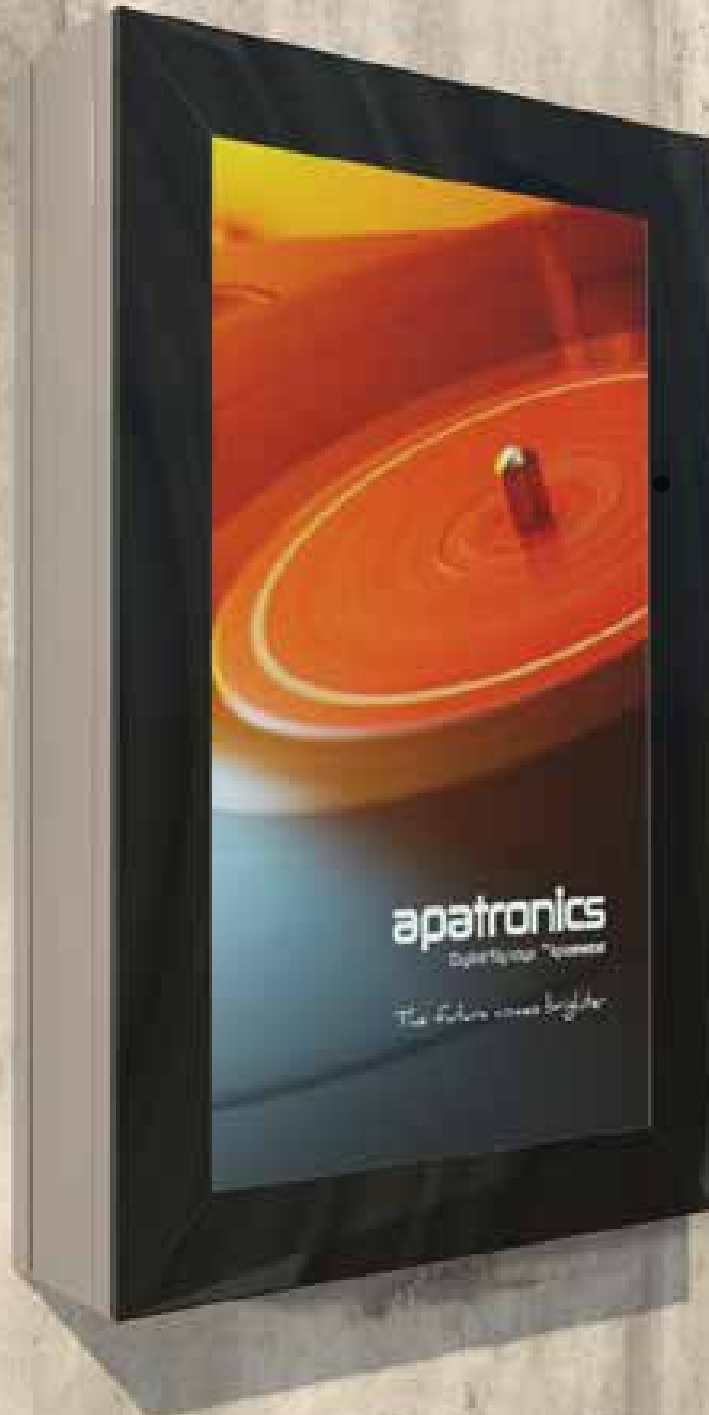
Display resolution: 3840 x 2160 pixels

Display brightness: 500 cd/m front maintenance

Multimedia content control and management

Manage all multimedia content on different devices through our digital signage solutions. Add playlists, edit and program the order of the content to pass; design eye-catching layouts and add widgets (such as time, feeds and even live streams) to your videos!

Regardless of the management software you choose, all the solutions we have allow you to update content in real time and program/schedule for any time of the day.

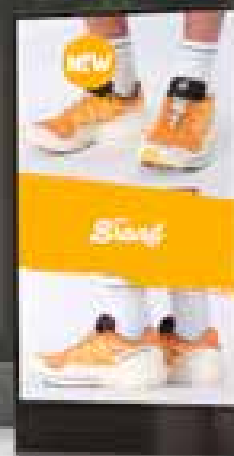


# MUPI DOUBLE FACE 75" SHOWCASE

The MUPI DOUBLE FACE 75" DISPLAY 4K Apatronics - Digital Signage by Apametal, is a premium quality product at an excellent price, with high brightness (visible face in the window) and low brightness (face facing the inside of the store).

Its efficient ventilation system makes this equipment ideal for shop windows, in addition to the vibrant colors and image quality that highlight the contents presented. It also has a sound system, through its professional LG screen.

3 YEAR WARRANTY.







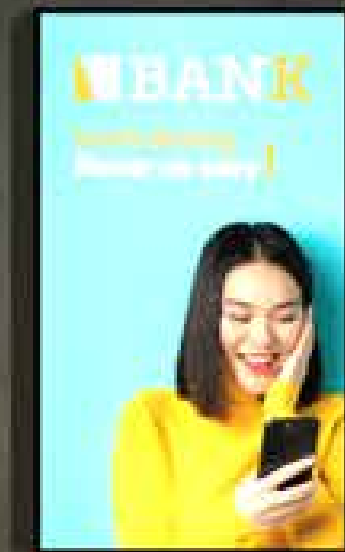
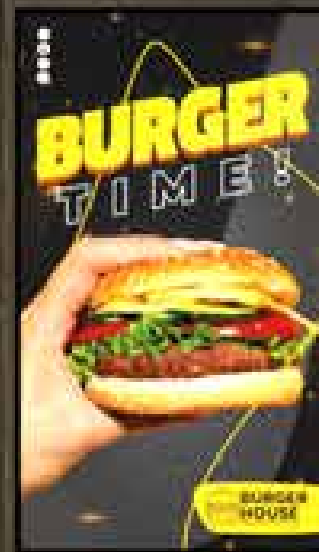
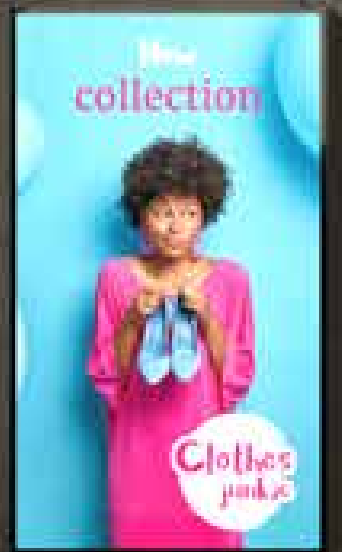
## MUPI DOUBLE FACE SHOWCASE

Ideal for shop windows, as it allows dynamic content to be transferred to the outside, with a high-gloss screen, and display posters directed towards the interior of the store.



# MUPI STELLA

Double Face or Monoface option.  
49" | 55" 4K screen.  
Ideal for shop windows.  
High-gloss screen for the outside.





# DISPLAY TV 55" 4K

## Control and management of multimedia content

Manage all multimedia content on different devices through our digital signage solutions. Add playlists, edit and schedule the order of content to play; design eye-catching layouts and add widgets (such as time, feeds and even live streams) to your videos!

Regardless of the management software you choose, all the solutions we have allow you to update content in real time and schedule/schedule at any time of the day.



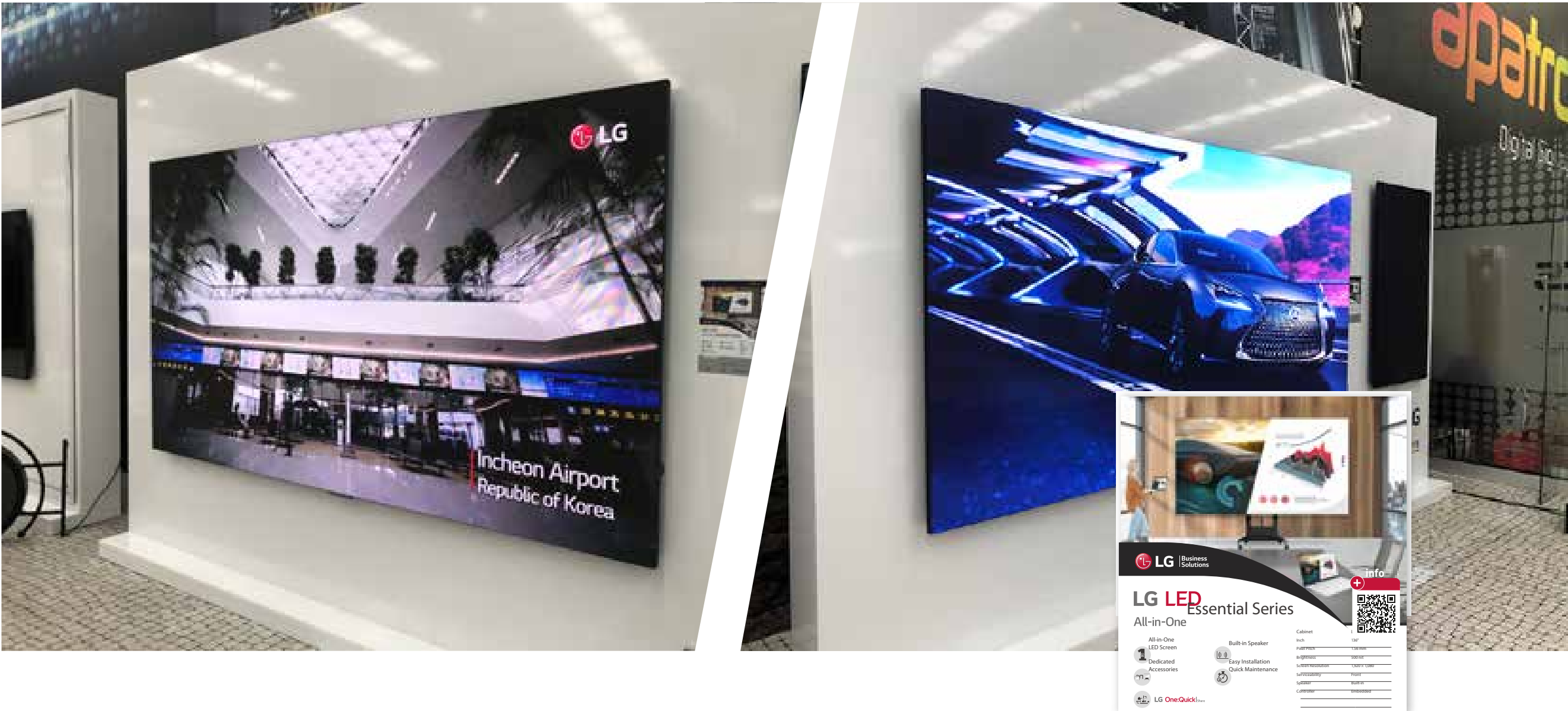




High contrast and definition display  
LG 55ET961H.  
Diagonal display: 139.7 cm (55") 24/7  
Display resolution: 3840 x 2160 pixels  
Display brightness: 500 cd/m

Its structure can be in lacquered steel or brushed stainless steel, allowing easy application and ensuring the safety of the screen.

# LG LED All in one



# LED WALL

The **LED WALL** Apatronics - Digital Signage by Apametal, is a High Brightness LED display solution for indoors (indoor) or outdoor environments (outdoor), with a screen that can reach 8k.

Modular structure according to the existing space.

Elegant design, straight lines without bezels.

## Applications:

- Facades of buildings and shop windows,
- Football stadiums,
- Billboards
- Events, auditorium entrance halls, control rooms,
- Among others

## Standard Sizes/Formats - Pixel Pitch

2500 x 1500 mm - SMD2.6 / SMD3.9

3000 x 2000 mm - SMD2.6 / SMD3.9

3500 x 2000 mm - SMD2.6 / SMD3.9

4000 x 2500 mm - SMD2.6 / SMD3.9



# INDOOR SOLUTIONS

Pitch 3.9/2.5



Led LG Indoor Pitch 2.5 in  
Almada Negreiros CCB  
Portuguese Presidency  
European Union



Two Apatronics Led Window Series 2.5 x 1.5 Mts SMD 4 HB in Vila do Conde



Led Window LG Series 3000mm x 2500mm SMD 3.9 HB



# TRANSPARENT LED

**Apatronics TRANSPARENT LED** - Digital Signage by Apametal, is an indoor or outdoor LED display solution, perfectly adapted for architectural settings. With a pixel pitch between P3.9a and P7.8, it is a product made for medium to long distance viewing and on large display surfaces.

In addition to being transparent and light, it is highly adaptable to any type of building. In addition, the concept of this product is made to be resistant in the most demanding environments, such as high and low temperatures, strong wind and rain.

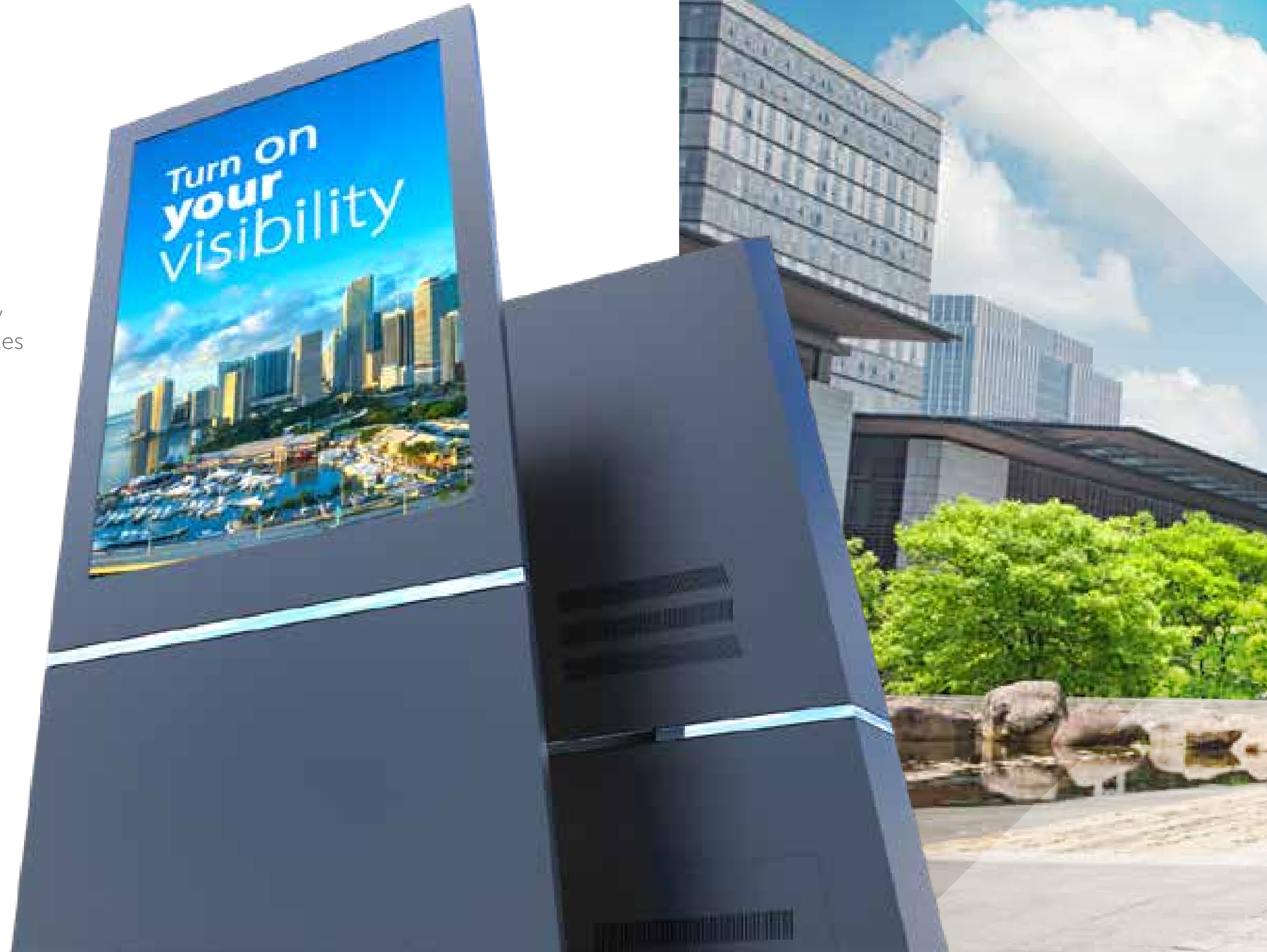
Store windows in commercial areas are also a possibility for installing this type of equipment, creating a unique and attractive highlight for your business.





# TOTEM BIG CITY

- Aimed at abroad
- High Brightness LED Display
- Great visibility in public spaces





# MUPI 55" 4K OUTDOOR

MONOFACE OR DOUBLE FACE



The **MUPI 55" Outdoor** Apatronics - Digital Signage by Apametal, is a solution for outdoor environments with an elegant design with great visibility at medium and long distances, thanks to the 4K quality of its high-brightness screen.



# MUPI 75" OUTDOOR

MONOFACE OR DOUBLE FACE



# MUPI CITY OUTDOOR HORIZONTAL

Model 1

General measures - 2000x2000mm  
Screen 75" - 1720x1000mm



The **MUPI CITY OUTDOOR HORIZONTAL** Apatronics - Digital Signage by Apametal, is a High Brightness LED display solution for outdoor environments, ideal for the digital communication of your business, brand or product in public spaces.

LG 75" monitor.



# MUPI CITY OUTDOOR HORIZONTAL

Model 2





# MUPI DOUBLE FACE ATLANTIC

The **FUNCHAL DOUBLE FACE MUPI** by Apatronics - Digital Signage by Apametal gives twice the prominence to your brand. Its bidirectional display allows the dissemination of content with a wider viewing angle. It has a rectangular shape with 316 brushed stainless steel finishes, and a standard size of 2200 x 1215 x 240 mm, which can be adjusted to the size of the display.

There are two digital solutions for displays: LED or LCD.

With the LED solution, a fully modular system, it is possible to give greater prominence and brightness to your communication, and it is to be viewed at medium and long distances.

The LCD solution allows for a higher resolution of content, up to Ultra HD 4K, being especially recommended for indoor use and for medium / short distance viewing.





LED Banner Indoor



LED Banner Outdoor

# LED BANNER

The LED BANNER by Apatronics - Digital Signage by Apametal, is a High Brightness LED display solution for interiors (indoor) or outdoor environments (outdoor), which fit both on building facades, as store entrances, exhibitors, events, stadiums football, among many others.

Its Pixel Pitch (pitch between pixels) defines the quality and definition of the content to rotate, and the smaller the distance between them, the greater the detail of the video. By default, the lowest Pixel Pitch is used for viewing at short distances and especially indoors.

For outdoor spaces, in addition to the need for the panels to be brighter, the Pixel Pitch may be higher (thus reducing your costs), as they are meant to be viewed at medium and long distances.

## Standard Sizes/Formats - Pixel Pitch

3840 x 640 mm - SMD6  
 5120 x 640 mm - SMD6  
 3840 x 960 mm - SMD6 / SMD8  
 6720 x 960 mm - SMD6 / SMD8



neipatec Sports Solutions

# LED BANNER



Led Banner Platinum Series 8320mm x 640mm SMD6 HB



Led Banner Hybrid Series 3200mm x 640mm SMD6 HB OUT



Led Banner Diamond Series 4800mm x 960mm SMD6 HB



Led Banner Hybrid Series



Led Hybrid Series 5760mm x 640mm SMD6 HB OUT



Led Banner Hybrid Series

















# LED BILLBOARD SINTRA PREMIUM

The **LED BILLBOARD SINTRA PREMIUM (MONOFACE or DOUBLE FACE)** Apatronics - Digital Signage by Apametal, is a High Brightness LED display solution for outdoor environments, ideal for the digital communication of your business, brand or product in public spaces. It can be applied along ICs and Highways, crossing areas with high traffic, industrial areas and business parks.

Its Pixel Pitch (pitch between pixels) defines the quality and definition of the content to rotate, and the smaller the distance between them, the greater the detail of the video. For outdoor spaces, in addition to the need for more brightness to highlight the contents, the Pixel Pitch may be higher (reducing costs), as these are to be viewed at medium and long distances.



**Standard Sizes/Formats - Pixel Pitch**  
 1500 x 2500 mm - SMD3.9 / SMD4.8  
 3000 x 2000 mm - SMD3.9 / SMD4.8  
 2880 x 1920 mm - SMD8  
 4800 x 2880 mm - SMD8  
 5760 x 2880 mm - SMD8



LED Billboard 3m x 2m - P4.8





# LED BILLBOARD STANDARD

The **LED BILLBOARD STANDARD MONOFACE** Apatronics - Digital Signage by Apametal, is a High Brightness LED display solution for outdoor environments, ideal for the digital communication of your business, brand or product in public spaces.

It can be applied along ICs and Highways, crossing areas with high traffic, industrial areas and business parks.

General measures - 3000x4500mm  
Screen - 3000x2000mm

# LED SIGNS



**Spinel Artixium - LED Sign Double Face (500mm x 500mm)**

With only 9 kg per booth and a wide range of pixels, from P1.95 to P3.91 pixel pitch, the SPINEL Dual Face LED Sign is best suited for office buildings, hotel facades, commercial surfaces, shops and supermarkets.

Its high quality LED display can mirror the contents of one face, or show different contents. The update is done remotely and in real-time.



**Circular LED Sign Double Sided**

The circular shape of this LED Sign is mainly focused on entertainment and dining areas, such as bars, restaurants and cafes. However, its application can also be made for other types of stores and services.

Pixel pitch of P4.68 and with a weight of 16KG per cabin, this LED Sign has a very bright intensity (5000 nits) suitable for outdoor spaces.



Totem digital LED - Matrizauto in Porto



Totem digital LED - Matrizauto in Sintra





# OUTDOOR SOLUTIONS

Pitch 3.9/2.5



Digital outdoor panel Pitch 3.9, installed by Apatronics at SCHRÉDER in Carnaxide.



Apatronics Led Wall Diamond Series 6 x 2 Mts SMD6 HB OUT



Mupi City Outdoor Instituto Gulbenkian Ciência, in Oeiras







# DIGITAL TABLE

## Equipment and structure

- 55" 4K touchscreen
- Brand/product logo customization
- Structure color customization
- Elegant and functional design
- Accessible equipment



# KIOSK Self-service

15" touchscreen  
Brand/product logo customization  
Structure color customization  
Elegant and functional design  
Accessible equipment





# KIOSK Self-service

22" touchscreen  
Brand/product logo customization  
Structure color customization  
Elegant and functional design  
Accessible equipment



# KIOSK PAYMENT



solution  
application  
the wall

## Equipment and structure

27" touchscreen;  
Customization of structure design  
and color.

- Coin locker
- Notary
- Contactless ATM
- webcam
- Thermal printer
- Barcode reader



RF IDEAS pcProx Plus USB 2.0  
Black smart card reader.



# KIOSK PAYMENT

The Apatronics AUTOMATIC PAYMENT KIOSK - Digital Signage by Apametal, is the ideal product for fast, convenient and secure payments, with cash or card, according to the customer's needs.

## Equipment and structure

- 15" touchscreen;
- Brand/product logo customization;
- Customization of structure design and color.

# KIOSK TICKET

The KIOSK TICKET by Apatronics - Digital Signage by Apametal, is the ideal product for ticketing systems, with an integrated ATM payment terminal. We have several design solutions and equipment, which can be for indoor (indoor) or outdoor (outdoor) use.

Indoor equipment example



# KIOSK TICKET

## Equipment and structure

LCD ELO 32";

Full HD - Aspect Ratio 16:9

Brand/product logo customization;

Customization of structure design and color.

## Outdoor equipment example





# KIOSK QUEUE MANAGEMENT

17" touchscreen

The Apatronics **QUEUE MANAGEMENT KIOSK** - Digital Signage by Apametal, is a password management device, compact with a touch screen (10" or 17") available in several colors, which can be customized according to the customer's needs. It is the ideal solution for queue management and personalized service. PC included.

○.....> 10" touchscreen



# KIOSK RESTAURANT

The excellence in the service of a restaurant is crucial to the success of the business. In an increasingly digital world, we can see that consumer behavior has changed. Nobody likes to face queues and the experience of service in fast-service

restaurants is also undergoing major changes and transformations. Therefore, we provide self-service solutions, such as the **KIOSK RESTAURANT** by Apatronics - Digital Signage by Apametal, focused on meeting these needs.



# LCD SHELVES

The **LCD SHELVES** by Apatronics - Digital Signage by Apametal, are versatile digital shelves that allow you to rotate content in unconventional formats and in a creative way. They may have dynamic prices that change at any time of the day/week, promotions and specific campaigns on certain products on display.

Focused on exhibitors and commercial spaces, LCD SHELVES will highlight your brand from the rest, in a dynamic and innovative way. Compared to LED Shelves, these allow higher content resolution and greater detail, although they are not as bright as LED.

## Features - Steched Shelf

Screen dimension - 16.3"  
OS Android 6.0  
CPU - Cortex A7 Quad Core 1 GHz  
Memory - 8GB eMMC Flash

## Features - Wide LCD

Screen dimension - 34.9" / 42.3"  
OS Android 6.0  
CPU Cortex A7 Quad Core 1 GHz  
Memory - 8GB eMMC Flash



LCD Stretched Shelf - 16.3"



Horizontal Application



Vertical Application



LCD Wide Shelf - 42.3"



LCD Wide Shelf - 34.9"

# LED SHELVES

The **LED SHELVES** by Apatronics - Digital Signage by Apametal, are versatile digital shelves that allow you to rotate content in unconventional formats and in a creative way. They may have dynamic prices that change at any time of the day/week, promotions and specific campaigns on certain products on display.

Focused on exhibitors and commercial spaces, LED SHELVES will highlight your brand from the rest, in a dynamic and innovative way.



## Characteristics

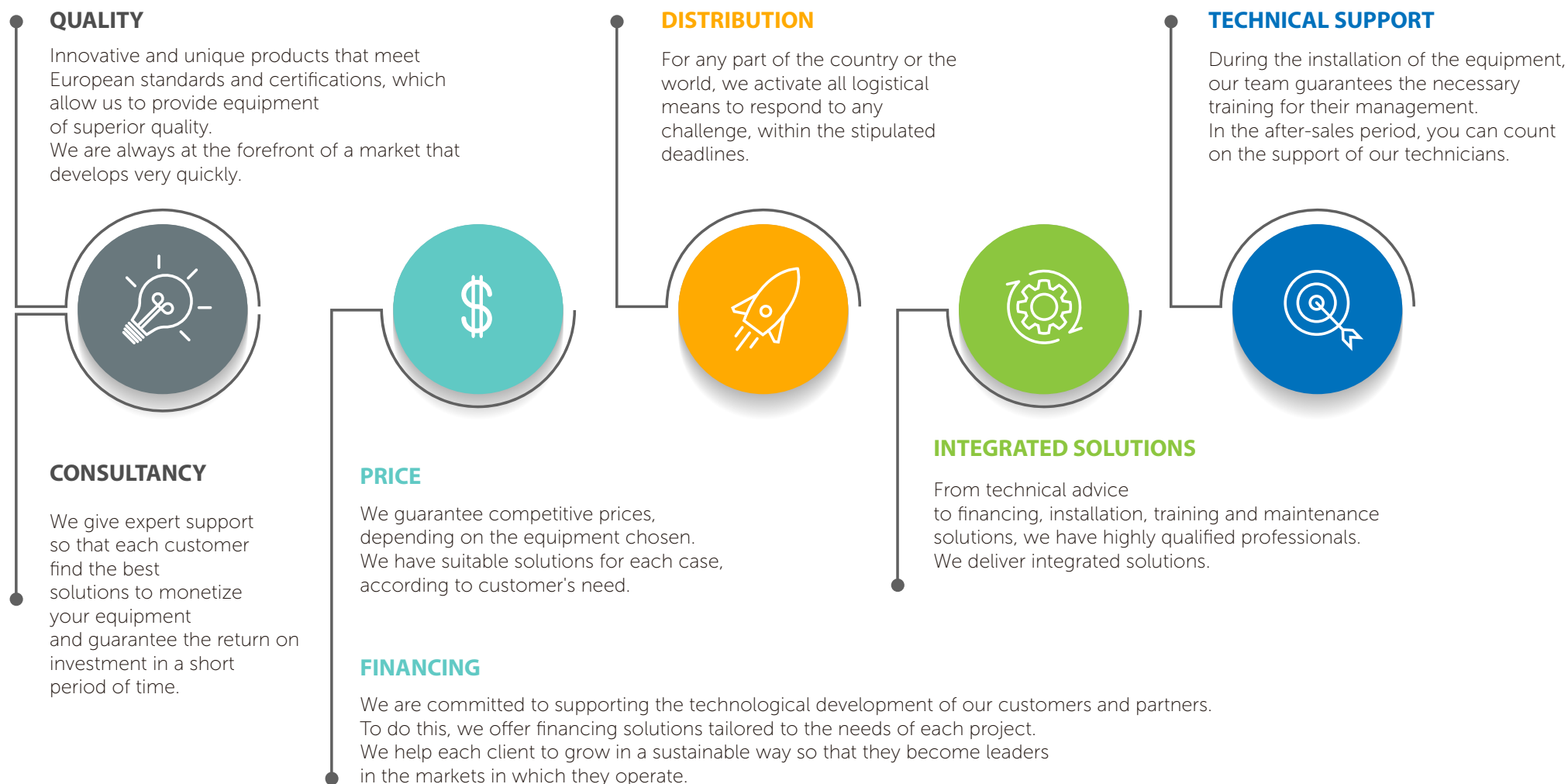
Pixel Pitch – 1.9mm - SMD 1010  
 Dimensions – 1216 x 82 x 22.5 mm  
 Module size – 405.6 x 76 mm  
 Resolution – 576 x 40 px  
 Front Maintenance  
 LED lifespan: + 100,000h

Digital crowner

Digital crowner



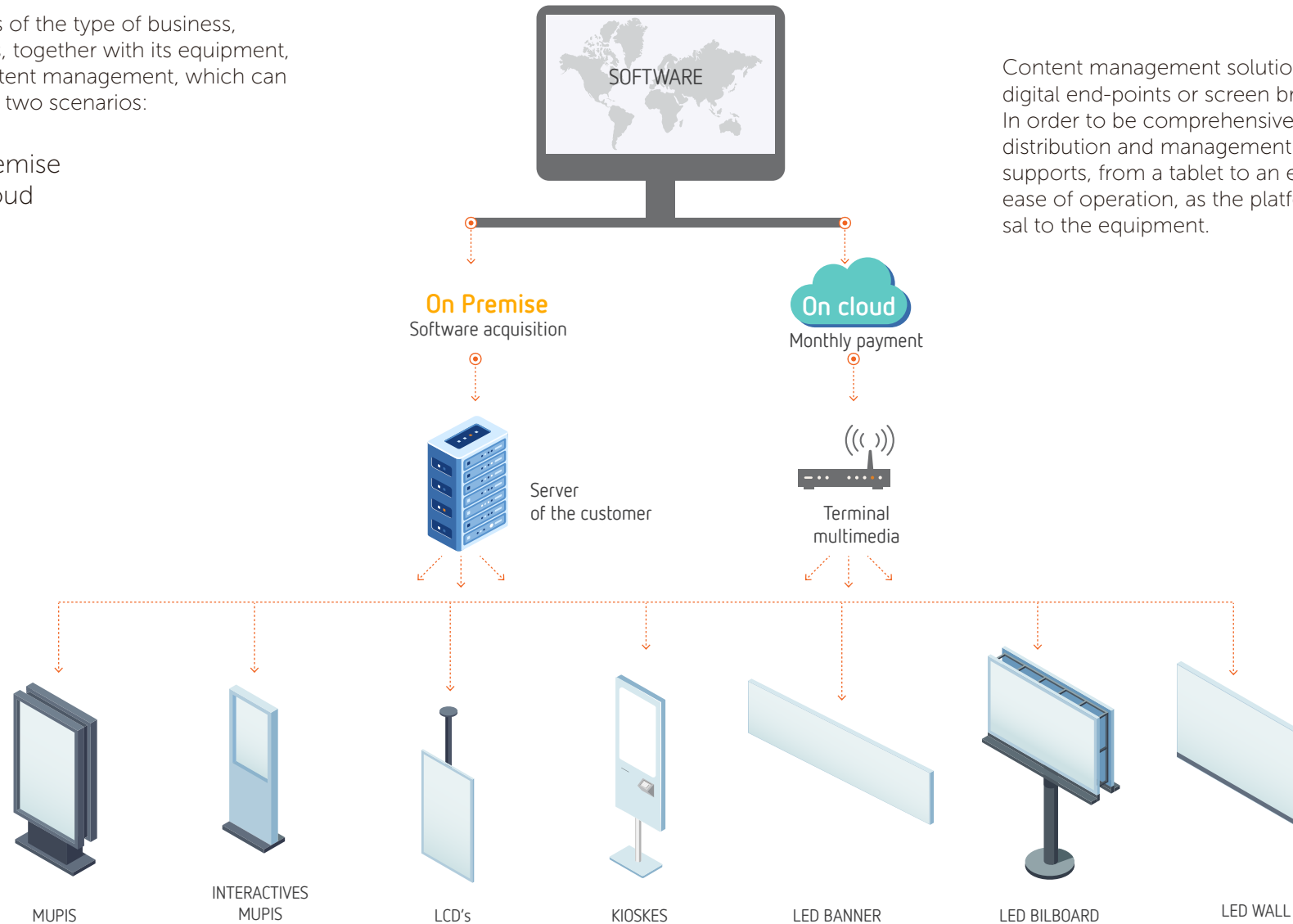
# WHAT DISTINGUISHES US



# CONTENT MANAGEMENT

Regardless of the type of business, Apatronics, together with its equipment, offers content management, which can be used in two scenarios:

- On Premise
- On cloud



Content management solutions can be used with various digital end-points or screen brands.

In order to be comprehensive platforms, they allow the distribution and management of content on various supports, from a tablet to an external LED Wall, providing ease of operation, as the platform is unique and transversal to the equipment.

# TECHNICAL SUPPORT

Apatronics guarantees the labor of specialized technicians for all types of technical support related to the equipment, whether in the replacement of parts or repair of appliances, at our facilities in Rio de Mouro (Sintra) or at the place of installation of the equipment. We also provide all the support necessary for the operation of the content management software.



To request technical support for equipment assembled by Apatronics, send an email to:  
[suporte.apatronics@grupometal.com](mailto:suporte.apatronics@grupometal.com)

**We guarantee support per location with travel with SLA NBD**  
(Service Level Agreement Next Business Day).

As a rule, after receiving your request in our Technical Support system, the standard response SLA (Service Level Agreement - agreement/contract) is NBD (Next Business Day), that is, a response within 24 hours after receiving the request.





**Grupometal - Apatronics**  
Rua Alto do Forte 5, Pav. 16  
2635-036 Rio de Mouro  
Portugal

**Phone:** +351 219 170 277

**Fax:** +351 219 161 981

**E-mail:** [info.apatronics@grupometal.com](mailto:info.apatronics@grupometal.com)

**[www.grupometal.com](http://www.grupometal.com)**