



# neipatec<sup>+</sup>®

PRO VR





## OVERVIEW

The NEIPATEC<sup>®</sup> PRO VR is our utmost prestigious product for LED perimeter systems, with an IP65 rating, high brightness, and high definition. This patented LED cabinet is the only solution available with the virtual advertisement technology, developed by Vibotec and Artixium. The NEIPATEC<sup>®</sup> PRO VR is FIFA and UEFA compliant, it's also resilient to water, particles ingress, ultraviolet rays, temperature variations, wind force, and even seismic waves. This product is the best the market has to offer for your sponsors' advertisement messages. It is both reliable and visually performant, and already constitutes the choice made by many High League stadiums, all sports combined.



APPLICATION  
**Outdoor**

BRIGHTNESS  
**≤ 5500 NITS (LED TYPE SMD)**

INGRESS PROTECTION  
**IP65**

WEIGHT  
**45 kg/cabinet**

PIXEL PITCH  
**P6.6 P10 P12.5**

MATERIAL  
**Anodized aluminum + CNC**

DISPLAY AREA (W x H)  
**1600 x 900 mm**

MAINTENANCE  
**Back maintenance**





## FEATURES



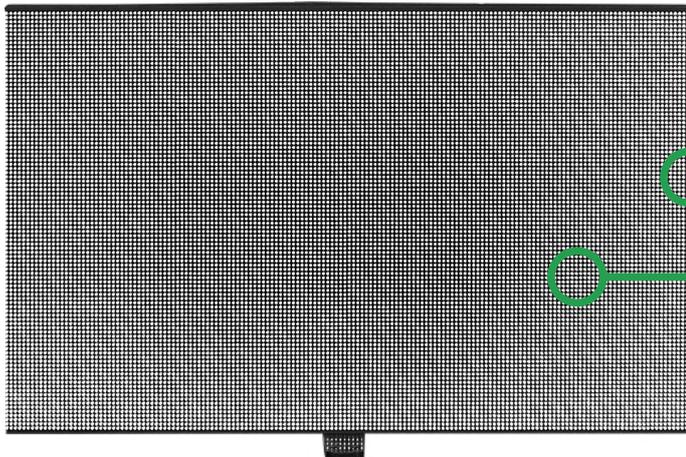
RUBBER BUMPER



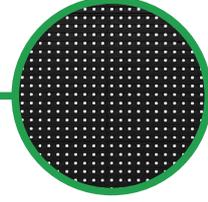
DB45 MODULE CONNECTOR



ROTATIVE STABILIZING FOOTSTAND



HANDLES FOR TRANSPORTATION



SMD LEDS + OUTDOOR MASK



CURVE LOCKING SYSTEM



FAST CABINET LOCKING



POWER BOX



## FEATURES

The NEIPATEC<sup>®</sup> PRO VR's features were designed to ease its integration and to offer a flawless display under any circumstances. Its refresh rate allows the use of slow-motion retranscription with no problem, while its brightness and sharpness make your visual content

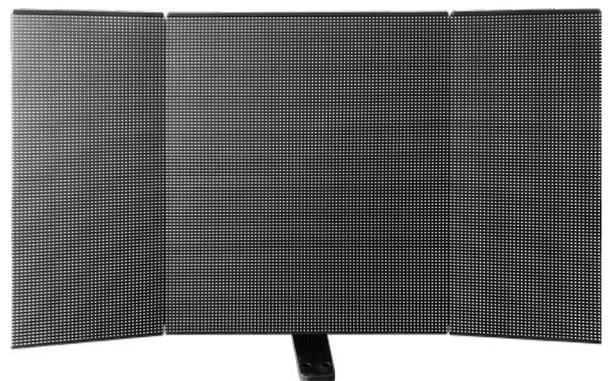
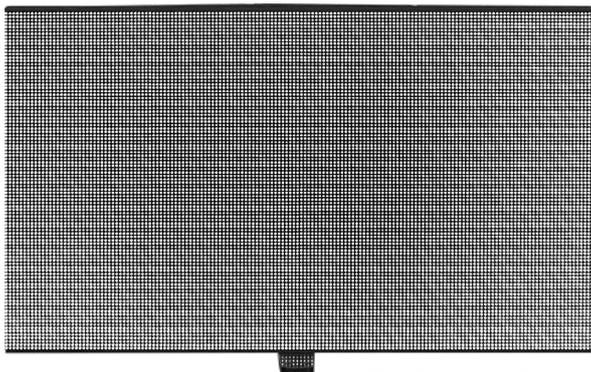
visible from afar, day or night, under the rain or the sun. The mechanical elements were designed to ensure a long lifespan for your LED perimeter system, a quick installation, and displacement if need be.



1600 x 943 x 134.3 mm



1600 x 943 x 134.3 mm



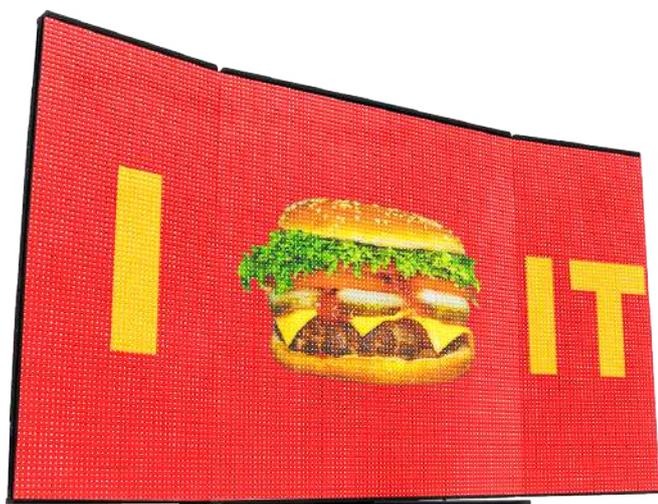
### HIGH BRIGHTNESS

SMD LED type 3in1 allows a high brightness, for dynamic visual content with saturated colors, clearly visible from afar even in broad daylight.



### FIFA & UEFA COMPLIANT

The NEIPATEC<sup>+</sup> PRO VR is referenced by the biggest, most well-known football organizations. The manufacturing and the technology used are compliant with the criteria of the UEFA & FIFA.



### VIRTUAL READY

Thanks to its components, the NEIPATEC<sup>+</sup> PRO VR allows to display visual content adapted to TV retransmissions, using virtual technology in overlay.

### FAST INSTALLATION

With 45kg per cabinet, user-friendly cabinets locking system, transportation handles, and a toolless curve locking system, the NEIPATEC<sup>+</sup> PRO VR is easy and quick to install in any stadium.

### CONTRAST OPTIMIZATION

With mask shaders and Black Face LEDs, the NEIPATEC<sup>+</sup> PRO VR offers a high contrast ratio, with deep blacks and bright whites.



### REFRESH RATE

With a refresh rate going up to 4800 Hz, the NEIPATEC<sup>+</sup> PRO VR is perfectly adapted to professional cameras. Re-transmitted images, even in slow motion, are sharp and precise.





## FLIGHTCASES



### TAILORED FLIGHTCASES

The NEIPATEC<sup>®</sup> PRO VR's flightcases were specially designed to guarantee your LED perimeter system's integrity during its transportation and storage, while offering simple and quick manipulation processes. It will only take a few hours to a team of handlers to extract the cabinets from the flightcases and install them around your stadium.

250 LINEAR METERS  
156 CABINETS  
55 FLIGHTCASES



### ARTXIUM'S EXPERTISE

Backed by a long experience in the sports and event industries, Artxiium spent years perfecting its freight solutions to guarantee its customers would always be satisfied. Making sure

our products are delivered in a pristine condition, and can be transported without suffering any damage after several years of use is one of our top priorities.





## VIRTUAL ADVERTISEMENT TECHNOLOGY

### THE FUTURE OF ADVERTISEMENT

Virtual advertising is a process used in the field of television broadcasting which makes it possible to sublimate one or several streams of advertisement over the advertisement seen in the stadium by the spectator.

The signal emitted by the cameras is demultiplexed in post-production. Each advertisement thus obtained is then sent to the dedicated broadcaster. From then, the advertisement seen on the perimeter system by the TV spectator will be different from the one seen by the stadium spectator, as well as from a spectator that watches the same match on a different channel.

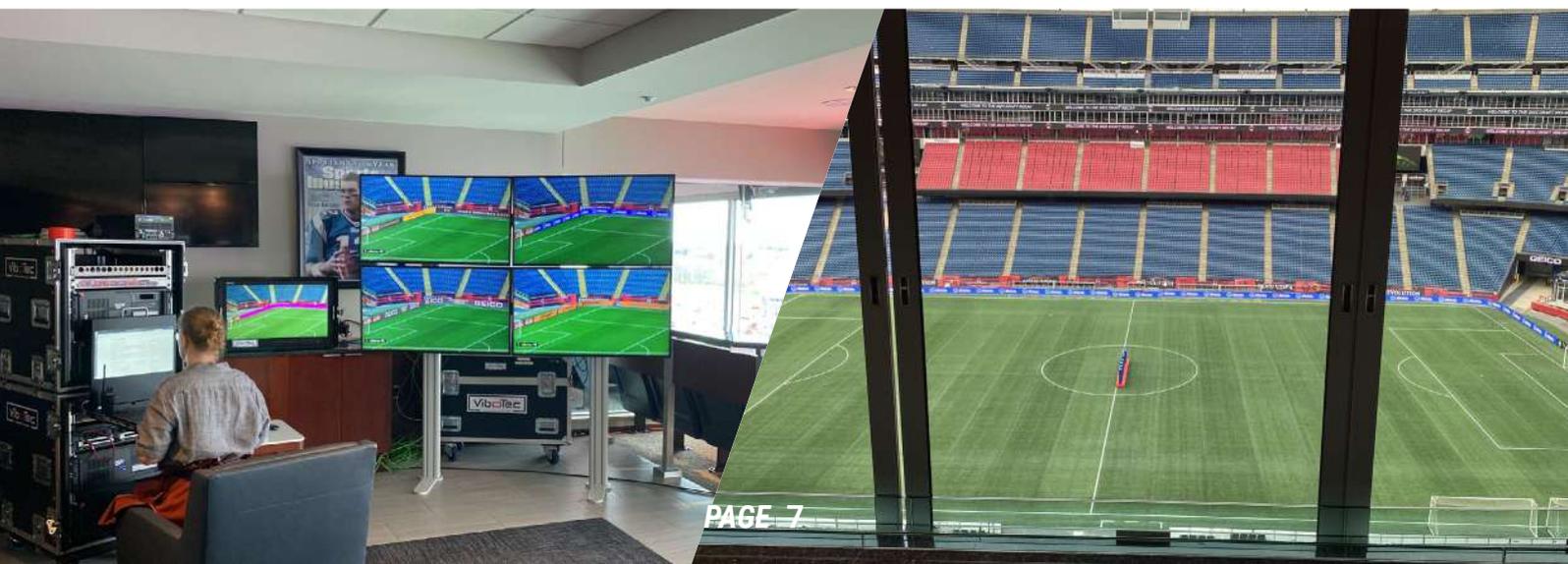
Since the stadium advertising rights are often the property of local clubs, TV broadcasters have every interest in replacing said advertisements with their own. This technology is a great tool for targeting different audiences watching the same match.



### AN ARTIXIUM & VIBOTEC SPORTS SOLUTION

Advertising software is also part of Artixium's sports solutions. They allow brands and companies to overlay existing ads on perimeter systems with other content in real-time. They give sports event organizers the ability to generate independent and differentiated advertising messages, giving sponsors the

ability to create unique advertising messages for specific audiences around the world. The special process used is called Keying. It consists of isolating a single color or brightness value in an electronic image and using software to make that value transparent, allowing another image to sublimate over it.





# REFERENCES

All around the globe, famed sports organizations have made the best choice one could make for their LED perimeter system.



**EQUIPPED STADIUMS :**

Letzigrund

Stockhorn Arena

Kybunpark

Wankdorf Stadium

Mohamed V Stadium

Marrakech Grand Stadium

Adrar Stadium

Ibn Battûta Stadium

Anji Arena

Otkritie Arena

St Jakob Park

La Maladière Stadium

Old Trafford

Anfield Stadium

Etihad Stadium

Allianz Stadium

Kenan Memorial Stadium

Houlihan Stadium

Jeonju Wold Cup Stadium

Parc des Sports

Orange Vélodrome

La Beaujoire

Complexe Prince Moulay Abdellah

& many more...





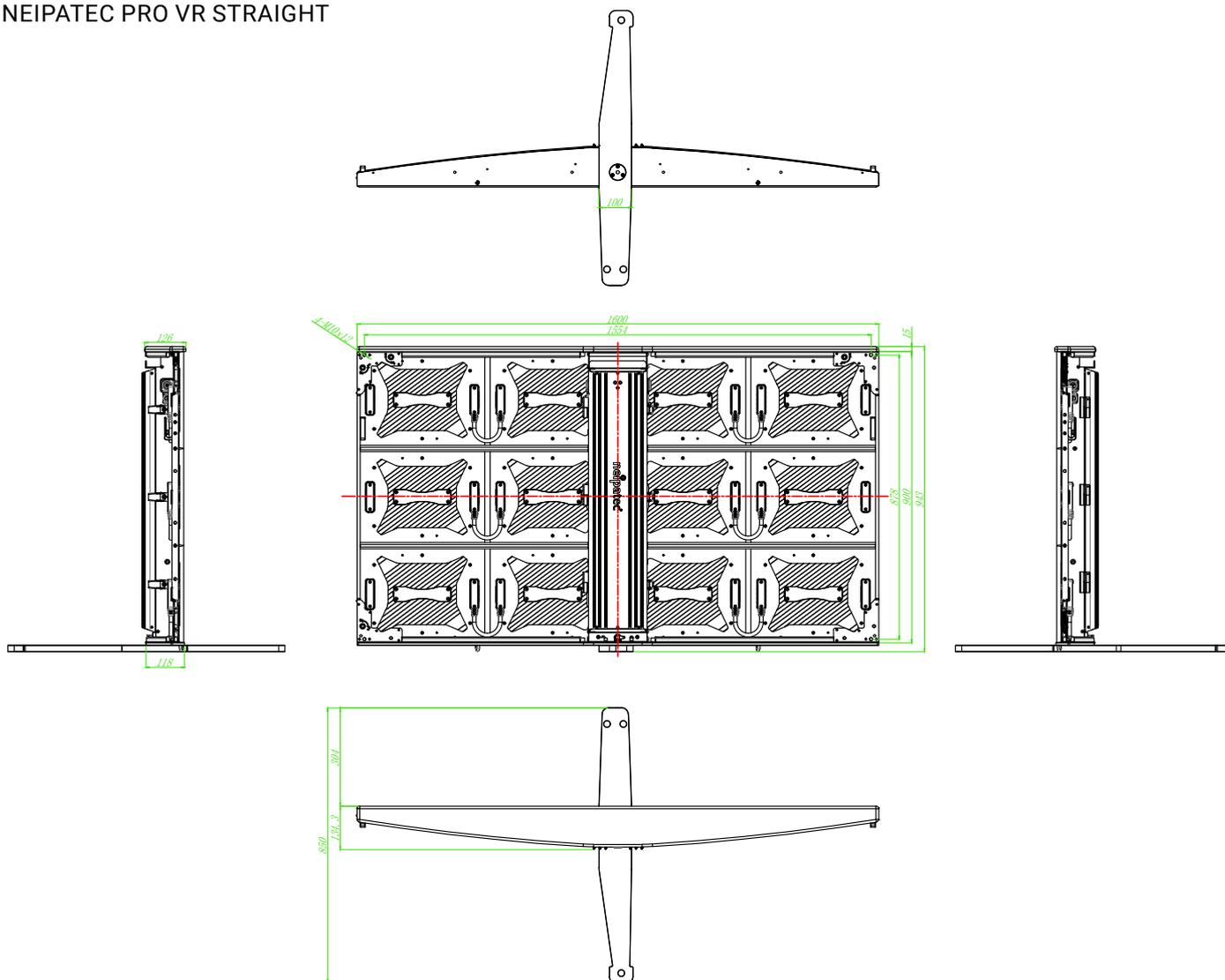
## TECHNICAL SPECIFICATIONS

Product Parameters	Unit	OUTDOOR		
		6.6	10	12,5
Pixel Pitch	mm	6,67	10,00	12,50
LED		SMD2727 3in1 (Black Face)		SMD3535 3in1 (Black Face)
Application		Outdoor high league perimeter system, UEFA & FIFA compliant		
Ingress Protection	IP	IP65		
Brightness	cd/sqm	≤ 5500 Nits @5volts		
Color Temperature after calib (adjustable)	deg. K	6500		6500
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V		
Cabinet Size (WxHxD)	mm	1600 x 943 x 134.3		
Display area (WxH)	mm	1600 x 900		
Module Size (WxHxD)	mm	400 x 300 x 15		
Pixel Matrix Per Cabinet (WxH)	px	240 x 135	160 x 90	128 x 72
Pixel Matrix Per Module (WxH)	px	60 x 45	40 x 30	32 x 24
Pixel Density	px/sqm	22500	10000	6400
Cabinet weight	kg	45		
Cabinet Material		Anodized aluminum + CNC		
Maintenance Mode		Back only		
Mask specification		95% Plastic + 5% Fiber / SS screws / Shader		
Contrast Ratio		High		
Grey scale (linear)	bit	16		
Brightness control	bit	16		
Processing depth	bit	16		
Color		281 Trillions		
Display Refresh Rate	Hz	4800		
Operation Power	V	AC85-230V		
Max. Power Consumption	W/sqm	900		
Average Power Consumption	W/sqm	300		
Control Mode		Synchronization		
Video Frame Rate	Hz	50/60Hz		
Input Types Supported		DVI / SDI / HDMI		
3D ready (optional)		Yes		
Calibration		Yes		
Lifetime (50% brightness)	h	50000		
Operating Humidity Range		10-95%		
Operating Temperature Range		-30°C / +60°C		
Screen Uniformity Correction				
Certification		CE / ETL / CCC		
Available options		Curve + Virtual advertisement ready		
Compatibility		No		



## TECHNICAL DRAWINGS

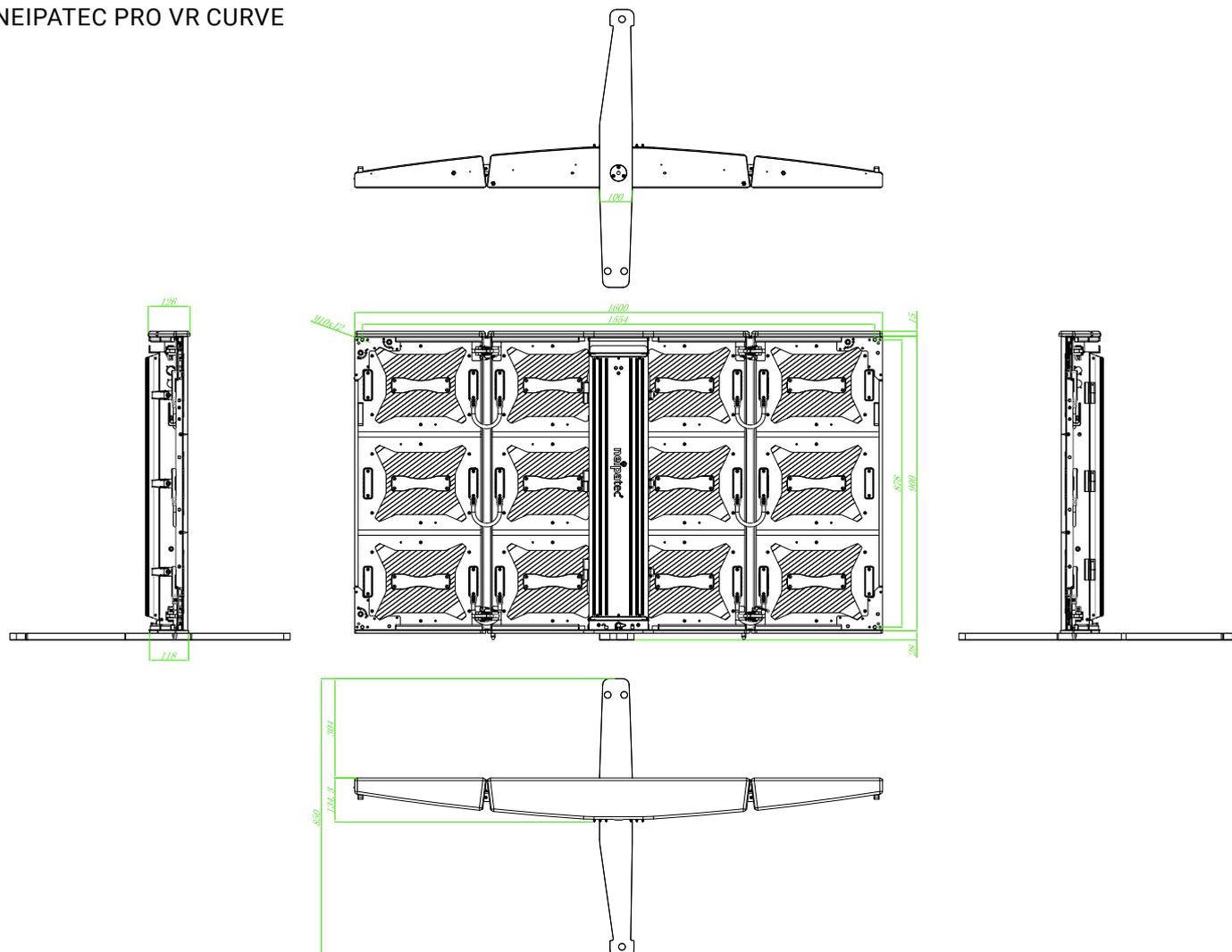
NEIPATEC PRO VR STRAIGHT





## TECHNICAL DRAWINGS

NEIPATEC PRO VR CURVE





# CONTACT

The Artixium regional branches are the key for the growth and development of our global network all over the world. Artixium's team is a spectrum of different nationalities and cultures, reflecting their global presence and mindset, mak-

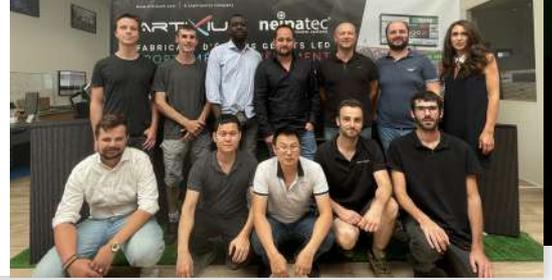
ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

## ARTIXIUM FRANCHISES

*"From your project's conception to its completion."*



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Since its creation in 2012 by two european entrepreneurs, Artixium has been evolving and always looking for innovative ways to contribute to the digital transition of our world. It only took a few years for Artixium to become a key player in the LED display industry.

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[www.artixium.com](http://www.artixium.com)