

# ARTIXIUM<sup>®</sup>

LED DISPLAY MANUFACTURER



**EVENT**

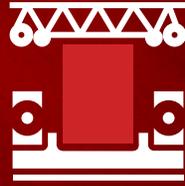
**LED CABINET RANGE**

**PRO TOURING, EXTENDED REALITY**

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ENGLISH VERSION V1.0.4



# EVENT

**NO MATTER WHERE YOU GO, IT WILL FOLLOW YOU**

Entertainment is the industry where LED display technology took off. Artists, musicians, and performers were the first to use large LED screens in scenographic applications to enhance their audience's experience.

Artixium developed a range of pro-touring products, used in some of the largest shows up to this point. For such applications, we designed highly modulable, easy-to-install, maintain, and transport products.

As an avant-garde LED display manufacturer, we implemented new cabinets, destined for the Extended Reality. This technology represents the future of news broadcasting, movie shooting, and many other audiovisual fields.



**PRO TOURING**

**4**

**XR EXTENDED REALITY**

**16**

**ARTIXIUM DISPLAY**  
ISE 2017 - AMSTERDAM

 XENON P6



EVENT

ARTIXIUM



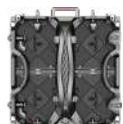
# PRO TOURING

Artixium designed an entire range of LED cabinets to accommodate the event industry. These products are made to be easily transportable, durable, and fast to install and disassemble. Furthermore, we made sure that our range could answer any kind of expectation entertainers might have, from fine pitch indoor LED cabinets to tougher, brighter outdoor ones. Our Pro Touring range will follow you around the globe and perform outstandingly every time.



**AYRGON 2.0**

**6**



**AYRGON 3.0**

**8**



**BERYL**

**10**



**CRYSTAL**

**12**



**QUASAR**

**14**

**JOHNNY HALLYDAY**  
"RESTER VIVANT" TOUR, FRANCE

 XENON P6



# AYRGON 2.0 **F** **90°** **C**

## MODULABLE RENTAL LED CABINET



Although the **AYRGON 2.0** is designed for rental purposes, it can also fit permanent installations both indoors and outdoor. Its many user-friendly features make it easy to integrate or dismantle, and it allows for many different applications thanks to its curve locking system. Furthermore, the maintenance process of the **AYRGON 2.0** is designed to be quick and easy.

The **AYRGON 2.0** supports concave and convex vertical curves thanks to its toolless locking system (2.5° and 5°). The maintenance can be done from the front or from the back of the cabinet, which means that the **AYRGON 2.0** can fit a floor integration with the appropriate protection. We also propose cabinets with frames cut at a 45° angle to fit 90° angle applications.



**APPLICATION**  
Indoor / Outdoor



**INGRESS PROTECTION**  
IP30 (indoor) / IP65 (outdoor)



**PIXEL PITCH**  
P2.8 P3.9 (indoor)  
P2.9 P3.9 (outdoor)



**DISPLAY AREA / CABINET (W x H)**  
500 x 500 mm  
500 x 1000 mm



**BRIGHTNESS**  
≤ 1500 NITS @5 volts (indoor) ≤  
5000 NITS @5 volts (outdoor)



**WEIGHT**  
8.6-16 kg/cabinet



**MATERIAL**  
Die-casting aluminum



**MAINTENANCE**  
Back maintenance

# LA VOIX DE JOHNNY

WITH JEAN-BAPTISTE GUEGAN

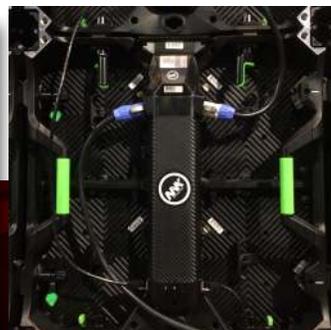
 **AYRGON 2.0 P3.9**



After sponsoring Johnny Hallyday's tour "Rester Vivant" back in 2015, Artixium was an official sponsor of the "La Voix de Johnny" tour by Jean-Baptiste Guegan (TOP #1 Physical album sales since its official release) presented by Chiffraos!

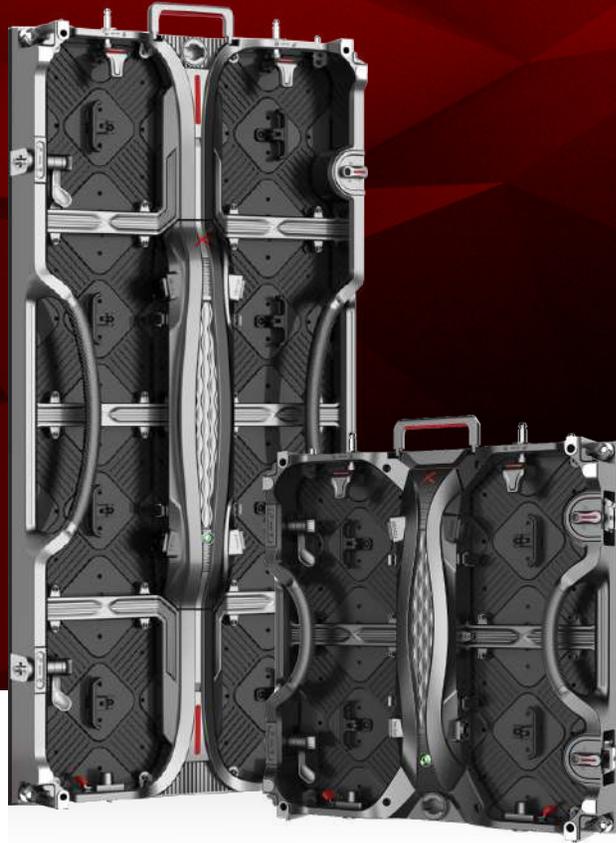
For each date of the tour, the 70 sqm **AYRGON 2.0** P3.91 led display was installed in 3 hours by 5 technicians with ease and absolutely no setbacks.

We've provided 280 **AYRGON 2.0** cabinets for this event, an excellent product enabling curve and floor options, specially made for rental use but adaptable enough to fit fixed applications. The **AYRGON 2.0** comes in two different sizes (500 x 1000 x 83 mm | 500 x 500 x 83 mm). It's extremely quick and easy to install, carrying 8.6kg per cabinet, and with its toolless locking system. The **AYRGON 2.0** traveled throughout France with a show planned every 3 days.



# AYRGON 3.0 ©

## MODULABLE RENTAL LED CABINET



The **AYRGON 3.0** is the newest version of our AYRGON Pro Touring series. It is both lighter and more cost-effective energy-wise than its predecessor while retaining all the features that make it an ideal touring LED solution.

The **AYRGON 3.0** is available in two sizes compatible with one another. Its features were designed to ease its installation and removal without damaging the cabinets, making it a perfect touring LED cabinet.

We can provide multi-function hanging bars that can also be used as ground beams, making your rental fleet even more adaptable.

In order to ease the installation and maintenance process, we designed the **AYRGON 3.0** to be fully accessible both from the front and from the back. This feature allows you to integrate your rental LED screen in any location you want and still be sure of its quick and easy maintenance.



**APPLICATION**  
Indoor / Outdoor



**INGRESS PROTECTION**  
IP30 (indoor) / IP65 (outdoor)



**PIXEL PITCH**  
P2.6 P3.9 (indoor)  
P3.9 P4.8 (outdoor)



**DISPLAY AREA / CABINET (W x H)**  
500 x 500 mm  
500 x 1000 mm



**BRIGHTNESS**  
≤ 800 NITS @5 volts (indoor)  
≤ 4500 NITS @5 volts (outdoor)



**WEIGHT**  
8 - 14 kg/cabinet



**MATERIAL**  
Die-casting aluminum

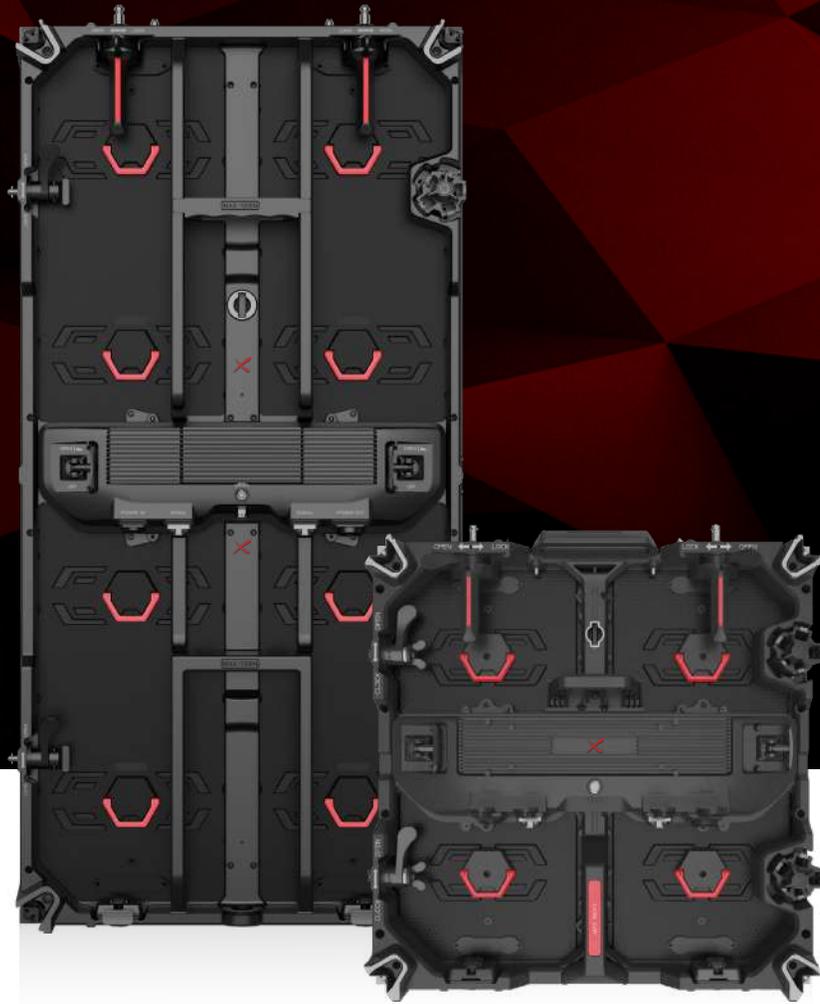


**MAINTENANCE**  
Front & back maintenance

**STROMAE & ARTIXIUM**  
"RACINE CARRÉE" TOUR

 XENON P6



**BERYL** 90° C**OUTDOOR RENTAL LED CABINET - ANGLE OPTION**

APPLICATION  
**Outdoor**



INGRESS PROTECTION  
**IP65**



PIXEL PITCH  
**P2.9 P3.9 P4.8**



DISPLAY AREA / CABINET (W x H)  
**500 x 500 mm**  
**500 x 1000 mm**  
**125 x 500 mm (angle)**  
**125 x 1000 mm (angle)**



BRIGHTNESS  
**≤ 5500 NITS @5 volts**



WEIGHT  
**9.1-16.5 kg/cabinet**  
**2.8-5 kg/angle cabinet**



MATERIAL  
**Anodized aluminum**



MAINTENANCE  
**Front & back maintenance**

The **BERYL** is made for rental purposes but can also fit permanent applications. It's a very user-friendly cabinet with a fine outdoor pixel pitch ranging from P2.9 to P4.8. The integration, disassembly, and maintenance process can easily be done by one technician as the **BERYL** is designed so that every feature facilitates its manipulation. It's an ideal touring solution for professionals.

The **BERYL** P3.9 is one of the few products on the LED display market to offer angle LED cabinets, for seamless 90° applications. Many LED cabinets offer a beveled version, that lets you integrate your giant LED screen at a 90° angle and yet still lets a little space at the junction of the two cabinets. With the **BERYL** angle cabinets, your LED display does not have that problem, as it allows a regular curve for your angle application to be fully and seamlessly continuous.

The **BERYL** supports several types of integration, as it can be hung from a ceiling, stacked on the floor, or even affixed to a structure. The two cabinet sizes are compatible with each other and provide a toolless curve locking system to fit tailored installations on the spot. The **BERYL** can be integrated at 90° concave angles and is both glare-resistant and scratch-resistant. The **BERYL** is easy to integrate and easy to disassemble, the same application can follow you all along your tour.

# MATT POKORA

## "MY WAY" TOUR

**XENON P6**

M. Pokora or, Matt Pokora, is a French singer and songwriter of Polish origin. In 2016, he became a coach for The Voice Kids France and The Voice: la plus belle voix. M. Pokora's seventh studio album, My Way was released in France on 21 October 2016, topping the French Album Charts in its initial week of release. Following the success of this album, a world tour was falling into place.

A giant LED display was designed for this tour, and Artixium was happy to design and build such a customized LED screen. By using our **XENON P6** Indoor and custom-made LED triangles, Artixium in collaboration with Skynight was facing another very challenging project.

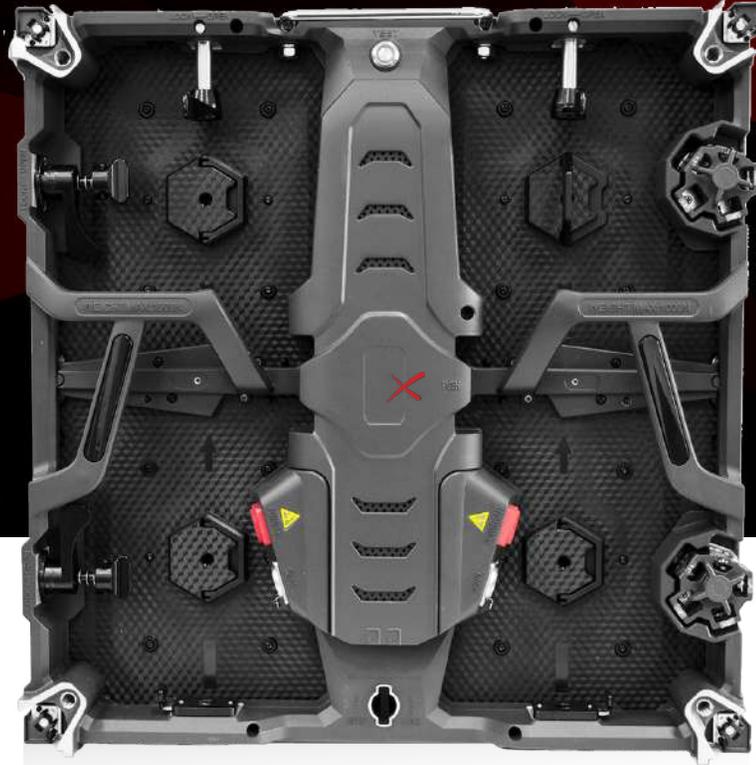
The screen including the custom triangles is 126 sqm, which represents 216 **XENON** cabinets and 60 + custom LED triangles. The height of each custom LED triangle is the equivalent of 2 x **XENON** (1152 x 768 mm). Apart from the technical challenges we've had to face, the artistic side of this project was an interesting one. The main goal was to make it seem like the screen was exploding. The triangles had to hang on top of each other using a strong metallic cable, this also allowed the smoke to pass through during the show.



The **XENON** series was Artixium's pro-touring Indoor/Outdoor rental cabinet. It has been designed to be extra durable and resistant to extreme transportation and usage. The 12Kg **XENON** was compact, easy to handle, and ready to perform in the most demanding environ-

ments. This product has since been replaced by more performant rental LED cabinets such as the **AYRGON 3.0** and the **BERYL**.



**CRYSTAL 90° C****INDOOR RENTAL LED CABINET - FINE PITCH**

**APPLICATION**  
**Indoor**



**INGRESS PROTECTION**  
**IP41**



**PIXEL PITCH**  
**P1.8 P2.6 P2.9 P3.9**



**DISPLAY AREA / CABINET (W x H)**  
**500 x 500 mm**



**BRIGHTNESS**  
**≤ 1500 NITS @5 volts**



**WEIGHT**  
**8.5 kg/cabinet**



**MATERIAL**  
**Die-casting aluminum**



**MAINTENANCE**  
**Front & back maintenance**

Although the **CRYSTAL** is designed for rental purposes, it can also fit permanent indoor installations. With a pixel pitch ranging from P1.8 to P3.9 and many user-friendly features, the **CRYSTAL** offers a great visual experience and an easy integration and dismantlement process. It also allows curves, and we can provide you with cabinets specially beveled to fit 90° applications.

The P1.8 **CRYSTAL** cabinet uses the MINILED 4in1 technology, where four LEDs are encased in one, adding both resistance and display quality to your LED screen. It also allows you to repair just one LED instead of replacing the whole module using a tool designed for this purpose.

With toolless cabinet locking systems, curve locking systems, corner protections, and intelligent front or back access systems, the **CRYSTAL** is meant to be quick and easy to integrate, disassemble, and maintain. One technician is enough for both these processes, making this product an ideal touring solution.

**LE LIDO**  
CHAMPS-ÉLYSÉES, PARIS, FRANCE

 **KRYPTON P6**  
**HYDROGEN P4**



# QUASAR ©

## TRANSPARENT RENTAL LED CABINET



The **QUASAR** is part of our Pro Touring product range, made for heavy-duty and ready to perform on stage even in a very demanding environment. Made of die-casting aluminum, each cabinet weighs less than 10kg. High precision and extreme robustness make this product very convenient to be installed for both indoor and outdoor setups. The **QUASAR** allows your integration to blend nicely in any environment.

Each module of the **QUASAR** is made of stripes on which the LEDs are assembled, allowing for a decent amount of transparency. This will help your application to blend in any environment, with no effect on your content's visual quality.



**APPLICATION**  
Outdoor



**BRIGHTNESS**  
≤ 5000 NITS @5 volts



**INGRESS PROTECTION**  
IP65



**WEIGHT**  
10 kg/cabinet



**PIXEL PITCH**  
P4.8 P7.8



**MATERIAL**  
Die-casting aluminum



**DISPLAY AREA / CABINET (W x H)**  
500 x 1000 mm



**MAINTENANCE**  
Back maintenance

# STROMAE & ARTIXIUM

## "RACINE CARRÉE" TOUR

### XENON P6

Paul Van Haver (born 12 March 1985), better known by his stage name Stromae, is a Belgian musician, rapper, and singer-songwriter. He established himself in both the hip hop and electronic music genres. Stromae came to wide public attention in 2009 with his song "Alors on danse" (from the album Cheese), which became number one in several European countries. In 2013, his second album Racine Carré was a commercial success, selling 2 million copies in France alone and nearly 600,000 units elsewhere.

A giant LED display for this album tour was a necessity, this is where Artixium came into play and provided a mobile LED screen especially customized for the superstar. With the P6 indoor XENON cabinets, the audience could not have asked for a better show, full of lights and motion visuals. Each section of the screen includes one hanging point, power box, and wires management, all connected with perfection.



We worked with our rental LED display distributor in France, Sky-night, giving birth to an amazing long-term collaboration. The XENON series was Artixium's pro-touring Indoor/Outdoor rental cabinet. It has been designed to be extra durable and resistant to extreme transportation and usage. The 12Kg XENON was

compact, easy to handle, and ready to perform in the most demanding environments. This product has since been replaced by more performant rental LED cabinets such as the AYRGON 3.0 and the BERYL.

# XR

## EXTENDED REALITY

Extended Reality (XR) is the combination of Augmented Reality (AR) and Mixed Reality (MR). AR places virtual imagery over a live background, while MR combines camera tracking and real-time rendering to create an immersive virtual environment, visible live on the LED set and shot on camera. With XR, you can implement extremely complex visual effects to any audiovisual production, even live broadcast. You can use this technology in innumerable ways, as any media that uses cameras can upgrade to XR to further improve their audience's visual experience.



**BERYL XR**

**18**



**NICKEL XR**

**19**

# ARTIXIUM QUALITY CONTROL

SHENZHEN, CHINA

 XR STUDIO

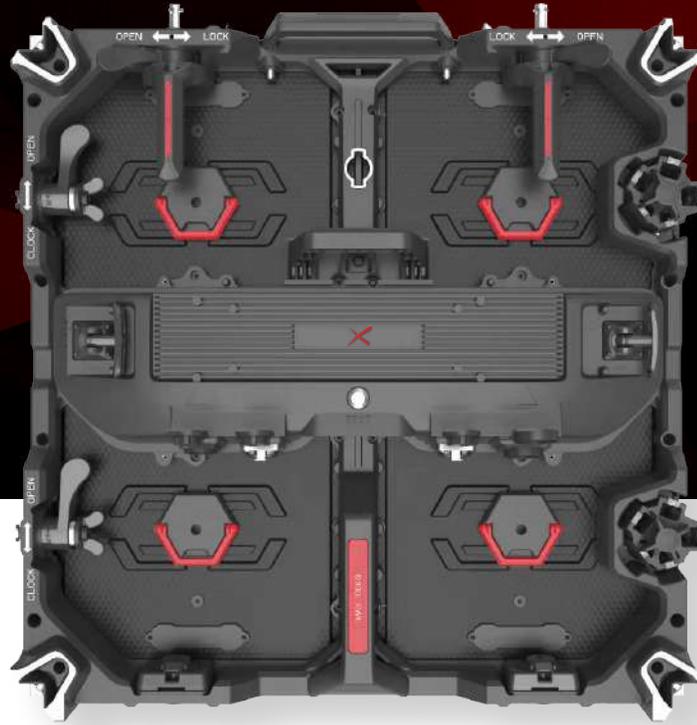


EVENT

ARTIXIUM

# BERYL XR ©

## HIGH END XR ORIENTED LED CABINET



The **BERYL XR** is a top-notch Extended Reality oriented LED display. Available for indoor applications, it is designed to be easy to integrate into and remove from any desired structure, making it an ideal choice for large audiovisual production sets that are more

often than not temporary installations. Investing in the **BERYL XR** is a smart move for any company that deals with high-end professional productions.



**APPLICATION**  
Indoor



**BRIGHTNESS**  
≤ 1000 NITS @5 volts



**INGRESS PROTECTION**  
IP20



**WEIGHT**  
8.5 kg/cabinet



**PIXEL PITCH**  
P2.6



**MATERIAL**  
Anodized aluminum



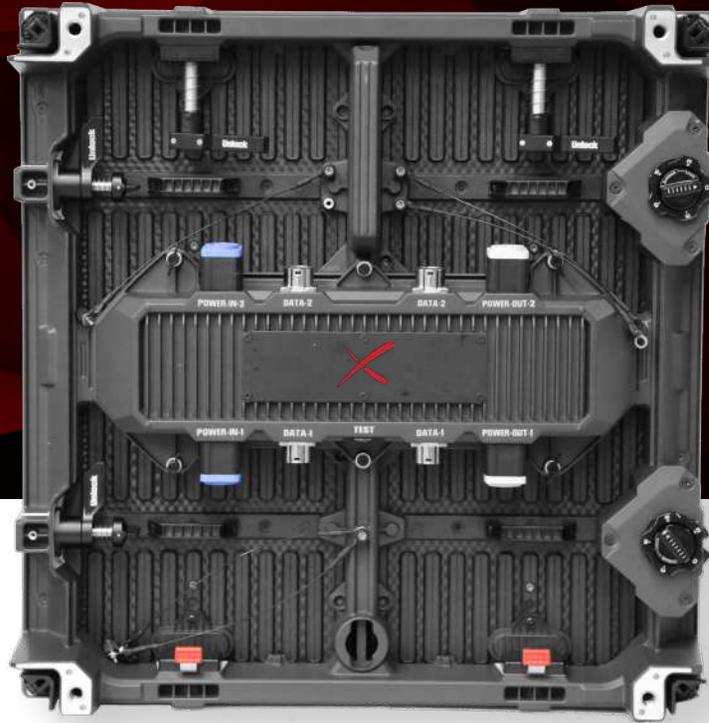
**DISPLAY AREA / CABINET (W x H)**  
500 x 500 mm



**MAINTENANCE**  
Front & back maintenance

# NICKEL XR

XR LED CABINET - HIGH REFRESH RATE



The **NICKEL XR** is our response to the ever-expanding range of use brought by the Extended Reality (XR) technology. Soon, the XR studios will replace the green screens found on many sets, which is the next logical step in audiovisual broadcasting. The **NICKEL XR**

is a high-end LED display, modulable enough to fit perfectly your custom XR studio project, and its features were designed to match this technology's requirements.

 APPLICATION  
Indoor

 BRIGHTNESS  
≤ 1000 NITS @5 volts

 INGRESS PROTECTION  
IP30

 WEIGHT  
7.5-11.5 kg/cabinet

 PIXEL PITCH  
P1.9 P2.6 P2.9 P3.4

 MATERIAL  
Magnésium injecté sous pression

 DISPLAY AREA / CABINET (W x H)  
500 x 500 mm  
500 x 1000 mm

 MAINTENANCE  
Front & back maintenance



# 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,

making 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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69120 Vaulx-en-Velin  
France



Artixium Operational Center  
518000 Shenzhen  
China



Weissensteinstrasse 90b,  
46149 Oberhausen  
Germany



Merkez Mah. Baglar Cad. A  
Blok Apt. No: 14D/13 Kagithane, Istanbul  
Turkey



ARTIXIUM®



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.