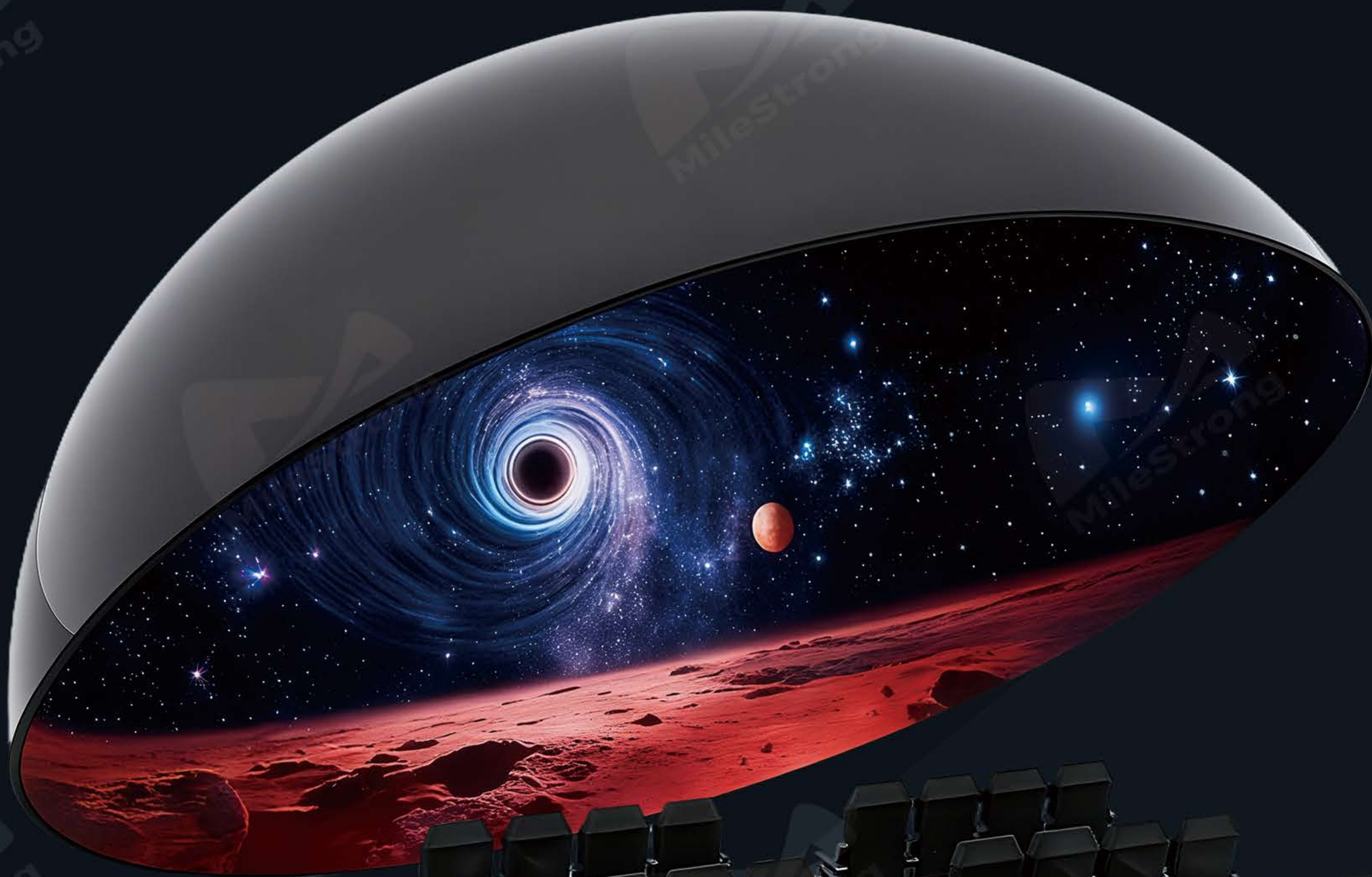




Dome LED Display Solution

—
Immersion

—
Innovation

—
Interaction

Immersive Technology Redefined

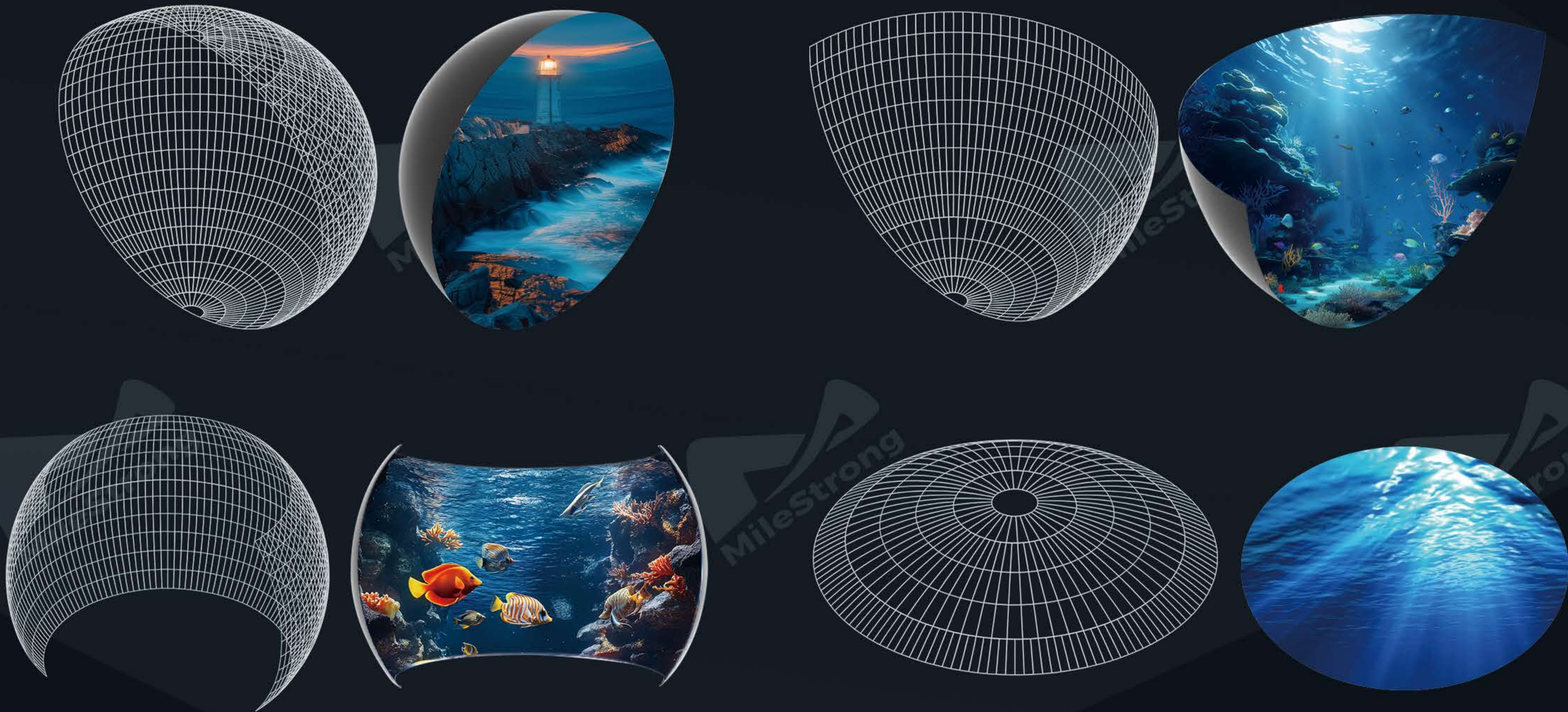
The Dome LED Display by MileStrong represents the pinnacle of immersive entertainment technology, aligning perfectly with the global shift toward engaging, interactive experiences. As audiences increasingly seek attractions beyond passive viewing, this solution delivers high ROI for the entertainment sector through media-based, immersive environments that captivate visitors.

- The LED dome screen overcomes multiple technical challenges to achieve a seamless, large-format display.
- High-definition visuals wrap from the front to behind the audience, surrounding them completely.
- Integrated stereo surround sound heightens sensory immersion, placing viewers at the center of the action for an unforgettable experience.



Versatile Forms & Outstanding Features

Available in multiple forms — including hemispherical, quarter-dome, segmented dome, and full dome configurations — the dome LED display delivers exceptional flexibility and performance.



- Ultra Wide Viewing Angle: Expansive visuals with enhanced depth for complete immersion.
- Efficient and Stable: Engineered for durability, offering long-term reliability with minimal maintenance.
- Beyond 3D Immersion: Creates a multi-dimensional experience that fully surrounds the audience.
- High Color Reproduction & Brightness Uniformity: Consistent, vibrant visuals across the screen.
- High Contrast & Wide Chroma: Sharp, detailed imagery with dynamic color performance.
- Customizable: Tailored to fit specific spatial and project requirements.



Dome Cinema

What's a Dome Cinema?

A revolutionary 360° immersive experience that redefines multi-sensory cinematic entertainment through a wrap-around LED dome screen paired with motion seats.

Features

- Classic motion seats.
- Special effects: wind, scent, mist.
- Immersive LED dome delivering vivid, high-resolution visuals.

Audience Experiences

- Full sensory immersion within the film world.
- Direct engagement with the storyline through effects.

USPs

- Simple integration into existing venues.
- Seamless, high-quality LED display technology.



Flying Theatres

What's a Flying Theatre?

A multi-sensory attraction featuring a vertically installed LED screen, simulating the exhilarating sensation of flying freely through the sky.

Features

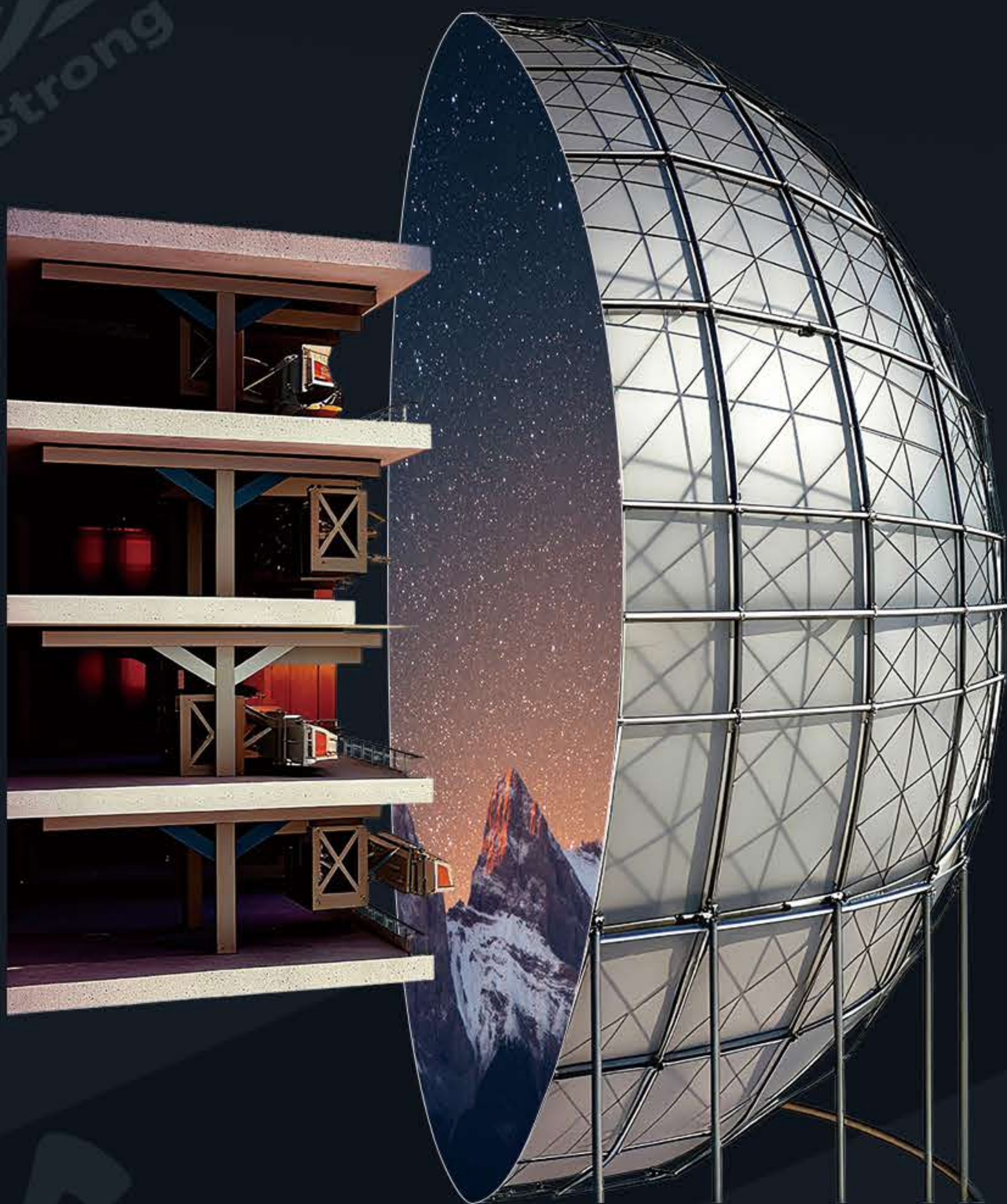
- Effects include rotation, forward movement, and sensory enhancements.
- Vertical or angled immersive LED display.
- Multi-level motion platforms.

Audience Experiences

- A thrilling fly-through journey with dangling feet.
- Realistic, panoramic aerial perspectives.

USPs

- Flexible installation angles and configurations.
- An iconic attraction ideal for theme parks or landmarks.



Virtual Reality (VR) Dome

What's a VR Dome?

An immersive space featuring an extended LED display surface that covers the entire dome, seamlessly spanning from floor to floor to create an all-encompassing visual experience.

Features

- Lower screen line with more LED display coverage.
- Ideal for customized motion simulators (cars, boats, planes, spaceships).
- Compatible with a wide range of VR content.

Audience Experiences

- A group VR journey without goggles or a headset.
- Complete immersion into the visual experience.

USPs

- Suitable for medium and large VR experiences (7M+).
- Ideal for walk in experiences (tourism, art, museums).



Super Reality Dome

Super Reality Dome

The ultimate 360°media environment with a seamless LED display covering all surfaces, including the floor, for an unmatched immersive experience.

Features

- LED display surface extends to cover the floor.
- AV equipment is installed securely and discreetly.
- Clean set-up with no visible cables or wires.
- Ideal for cutting-edge stand-up motion simulators.

Audience Experiences

- High-resolution LED visuals creating a sense of infinite space.
- Captivating and futuristic imagery.

USPs

- A crowd-puller that draws attention effortlessly.
- Perfect for organic social media promotion.
- An innovative solution – be among the first to leverage it!



Simulation Cabin Dome

What's a Simulation Cabin Dome?

An immersive environment built for intelligent simulation and realistic training, featuring a spherical LED dome that supports interactive experiences.

Features

- Seamless spherical LED screen ideal for aerospace and vehicle training.
- Real-time, ultra-high-resolution interactive visuals.
- Immersive sound and lighting for enhanced realism.

Audience Experiences

- Authentic, high-fidelity simulation environments.
- Comprehensive training in manned vehicles.
- Life-like virtual scenarios powered by LED precision.

USPs

- Perfect for intelligent cockpit or simulation projects.
- Superior realism for professional applications.
- Delivers true-to-life immersion through LED innovation.



Application Scenarios

The dome LED display solution is widely used across multiple sectors. In theme parks and entertainment centers, it creates interactive visual worlds that amplify excitement. In science museums and planetariums, it turns scientific exploration into engaging, memorable experiences. For simulation and training facilities, its panoramic visuals provide realistic environments for enhanced learning. In aerospace and defense, it supports mission simulation and situational awareness. Immersive cinemas and virtual halls deliver seamless, multi-sensory storytelling, while corporate exhibitions use it to elevate brand presentation and audience impact.





Bring your ideas into reality

MileStrong Headquarters & Showroom

4/F, Building B15, Phase II, Xincheng Chuangzhi
Industrial Park, No. 456 Heping Road,
Furong District, Changsha, Hunan, China

Shenzhen MileStrong XR/Immersive Display Division

3/F, Building 5, Xinlianhe Industrial Park, Bao'an
District, Shenzhen, Guangdong, China

Shenzhen MileStrong Conventional Display Division

Building 4, Yinjin Technology Industrial Park,
Fengjing South Road, Hewan Community,
Matian Subdistrict, Guangming District, Shen-
zhen, Guangdong, China

Shenzhen MileStrong Transparent Display Division

3/F, Tianyou Building, Yuekang Road, Bao'an
District, Shenzhen, Guangdong, China

Shenzhen Milestrong Technology Co., Ltd.



Website



WhatsApp



WeChat



TikTok



YouTube