



CXSYSTEM

THE IMMERSIVE REVOLUTION

**POWERING
EXPERIENCE**

CX DISPLAY

CX Display is the world's first and only Software Defined Display. It brings content to life like never before by wrapping guests in an immersive LED dome with best-in-class resolution, brightness, contrast, and lifespan.

Design & Engineering

With 75 years of experience in specialized architectural treatments, free-standing structures, domes of all sizes, and unique immersive environments, Cosm empowers you to deliver the immersive spaces of the future, today.

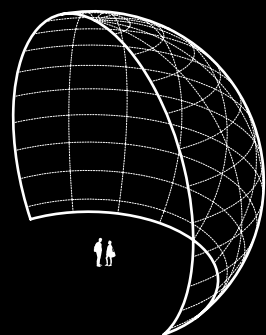
CX Projection System

CX Projection is the world's premier projection solution featuring NanoSeam projection screens and state-of-the-art projectors to create a seamless and enhanced immersive experience.

Configurations

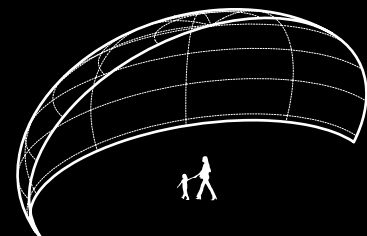
MULTIUSE DOME

Give your audience the custom, multi-sensory, and interactive experience they seek with a flexible-use dome that delivers fresh content with minimal operative lift.



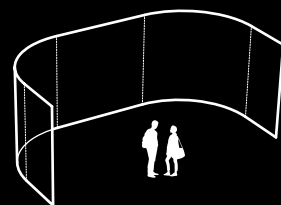
EXHIBITION

Extend the Shared Reality experience for your customer with an immersive exhibition space, offering the flexibility to create locally relevant and impactful exhibits.



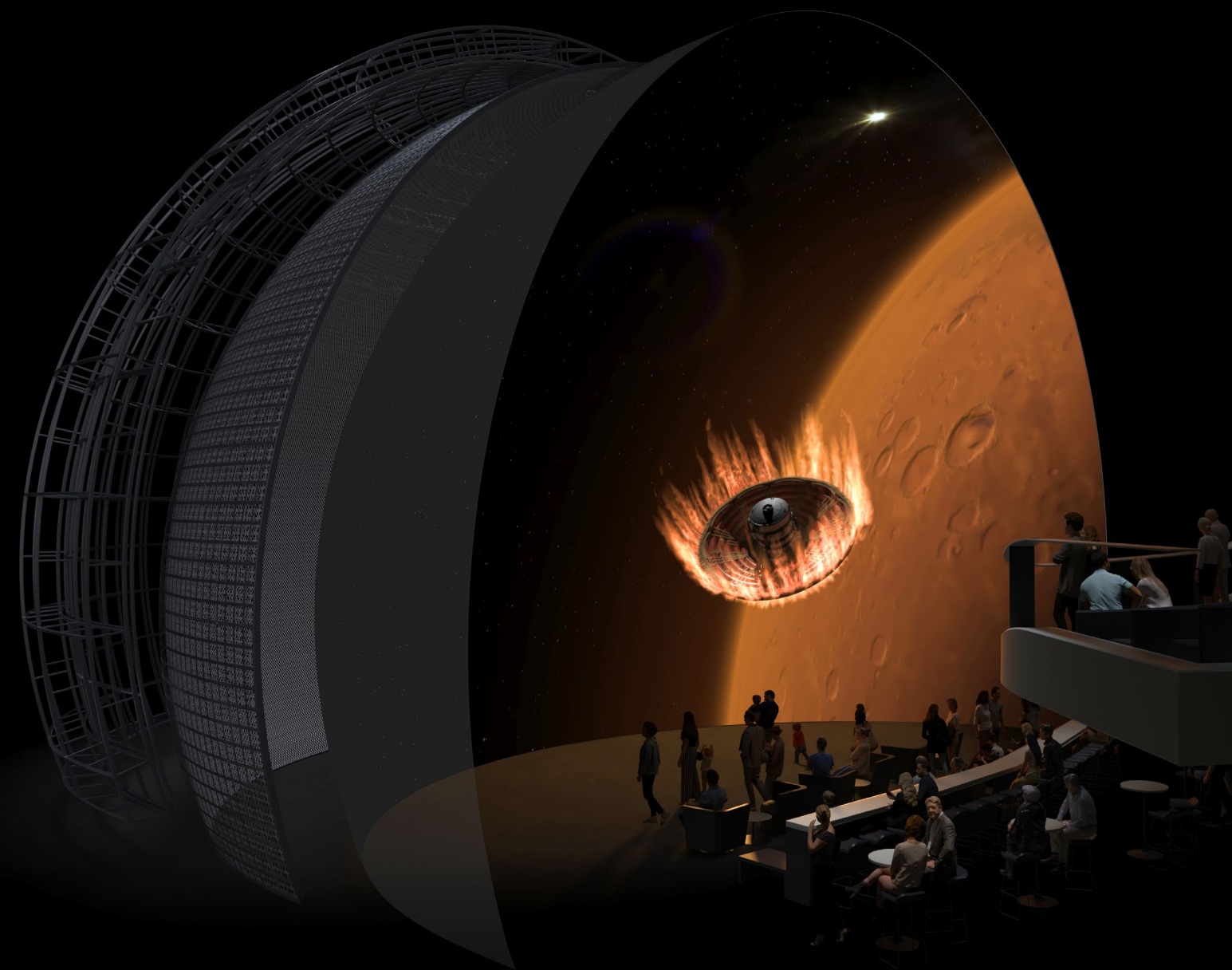
TRANSITIONAL

Entice your audience before the program starts with an interactive and educational pre-show experience using the same powerful CX Engine production tools.



CX SYSTEM

THE COMPREHENSIVE SHARED REALITY SOLUTION



CX DISPLAY

ROBUST CONTENT ECOSYSTEM

CX ENGINE

CXENGINE

CX Engine is a suite of software applications for producing immersive experiences and Shared Reality events. Equipped with unmatched content creation and image processing capabilities, CX Engine is the most versatile immersive experience engine in the market.

Image Processing

More than 40 years ago, Cosm's software engineers developed the first digital immersive processing engine. Today, CX Engine's industry-leading image processing capabilities address each pixel in the system, resulting in visually stunning, calibrated, and seamless content with no visual distortion or degradation on LED or projection domes.

Playback

CX Engine's industry-leading video playback and multi-feed management enable easy 8K video playback and arrangement of various feeds on the display.

- Manage video through traditional broadcast, video capture, livestream, or VOD playback
- Easily play rectilinear feeds, 360 equirectangular, or fulldome content
- Augment any video feed with 3D realtime environments

Additional Applications

CX REALTIME

CX Realtime allows users to generate custom interactive content relevant to their audience.

- 3D production utility integrating Unreal Engine
- Playback optimization and synchronization across any display geometry
- Access to a robust developer ecosystem

DIGISTAR

Digistar, the world's most advanced planetarium system, is built on top of CX Engine and places an entire universe of content at your fingertips.

- Intuitive user interface and production environment
- Free-flowing live, interactive, and scripted presentations
- Realtime astronomy simulations

Robust Content Ecosystem

Develop and access a robust content ecosystem to ensure your guests return repeatedly for a fresh immersive experience using CX System.

Flexible & Varied Content Options

- Cosm Studios' media and fulldome film catalog with 200+ productions
- Pre-made content through template libraries
- Cosm X Labs' immersive creator community
- Immersive production applications and feeds
- Presentations and curriculum created by partners and students
- Digistar Cloud Library with 1,700+ presentation assets created by our global Digistar Planetarium community



Feature Content Courtesy:
MacGillivray Freeman Films, Everest

Experience
Shared Reality

COSM.COM

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