DIGISTAR 7

EXPERIENCE WONDER

Educate & Inspire

Digistar is the most capable planetarium software available today. Through more than 40 years of consistent development and innovation, Digistar has earned its place as the immersive instrument of choice for hundreds of planetariums. Digistar is used daily to educate and inspire audiences and connect to the Universe.

Alongside our customers, we have created a dynamic educational community where collaboration is powered by the Digistar Cloud - the planetarium world's most powerful content resource.

The Digistar Difference

Digistar is built on top of CX Engine, a versatile and robust Shared Reality software suite. CX Engine's powerful image processing, display management, and color calibration ensures your immersive content is visually stunning, seamless, and free from distortion, banding, or tearing.

A Digistar planetarium places an entire universe of content at your fingertips. From free-flowing live and interactive presentations to expertly scripted cinematic experiences, Digistar's intuitive user interface and numerous production environments will fit any operator's workflow.

- Powerful scripting and script editor
- imeline-based production with the latest enhancements to Show Builder
- Drag-and-drop presentations and playlists
- Fully customizable control panel pages and groups

Digistar Planetariums Power Possibility

Digistar is an immersive education and entertainment platform capable of displaying a variety of content from scientific datasets and real-time graphics, to live immersive feeds and interactive content.

Any Digistar planetarium can be a dynamic, multi-use facility.

- Present alternative and non-traditional content
- Teach across disciplines and age groups
- Engage with the community through unique immersive events
- Live-stream fulldome content to your dome - like NASA's Artemis missions to the Moon

The Future of Immersive Experience

Beyond astronomy content, we offer full integration with Unreal Engine as well as Unity through CX Realtime for Digistar.

- CX Realtime provides optimized Unreal Engine playback with industry-leading performance and sync capabilities
- Unreal Engine and Digistar content can be displayed at the same time
- Seamless integration with Unreal provides content creators with a limitless canvas for exploration and development

Digistar Cloud

The Digistar Cloud is home to more than 1,700 presentation assets created by our Digistar Planetarium community - all of them accessible with just a few clicks in the user interface. Uploads to the Cloud include:

• Fulldome images, 3D models, and inset videos
• Full-length planetarium shows
• Scripts and control panel pages

The Cloud is the easiest way to share and collaborate with Digistar planetariums worldwide.

50+
COUNTRIES

700+
ACTIVE SITES

1700+
CLOUD ITEMS

Digistar Community

Digistar represents a vibrant and dynamic community of thousands of planetarians working throughout more than 700 active sites. Our domecasting capabilities allow for remote presentation of live, fulldome content to those sites around the world.

We host Summer Institute at our Chadds Ford campus each year, and for nearly three decades, we have also collaborated closely with the customer-run Digistar Users Group. We focus on providing unique professional development and networking opportunities at these annual events.

Data Visualization

Digistar makes it easier than ever to visualize the Universe in compelling and beautiful ways:

• High-resolution terrain mapping for Earth and other terrestrial worlds
• Extensive Open Standards implementation: JavaScript, Python, XML, and more
• Seamless Data2Dome content access from ESO, ESA, and NRAO; the entire NOAA Science on a Sphere content library; and dozens of scientific sky surveys
• The planetarium industry's most fully featured API

Our incredibly versatile real-time graphics rendering power means that your content will always look its best. Physically based rendering of 3D models, dynamic lighting, and multiple cameras and scene functionality can be combined to provide truly memorable immersive experiences.

Service & Support

Our world-class service & support teams ensure that you're never alone in your planetarium. With a global network of engineers, technicians, and trainers, it is our goal to ensure that your planetarium stays up and running -- minimizing revenue loss or disappointed audiences.

Training opportunities abound for both new and experienced customers, including on-site, in-person, and online training options. Our team also hosts bimonthly webinars on various Digistar-related topics that are available to all customers.