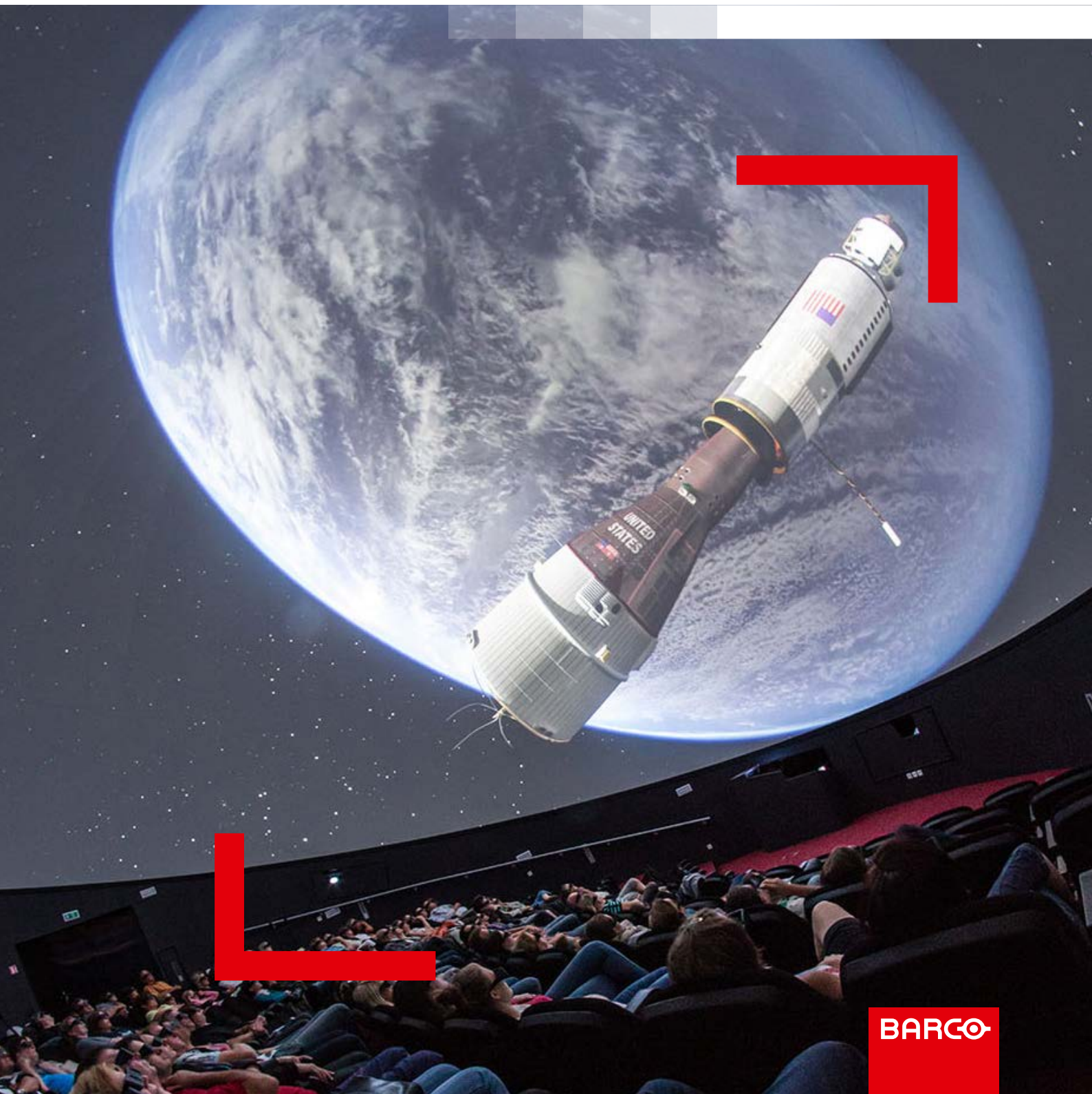


Reach for the stars

Barco's solutions for planetariums





A cosmic journey

Humankind has always had the urge to understand the unknown and explore new worlds. We want to go where we can't go, to see the invisible, to grasp the ungraspable. Planetariums open the gates to the secrets of the universe and leave us all in awe of the beauty of our earth and the worlds beyond.

Immerse into infinity

Scientific professionals or a class of ten-year-olds, planetariums connect guests of all ages and all backgrounds through research and education on the wonders of science and space. And just like art and history museums, the best way to teach visitors something new is through an engaging and immersive experience.

Instead of just reading the overwhelming overload of information about the Orion constellation, for example; visitors can be virtually immersed in a cosmic setting that calls upon imagination and invites them on an inspirational exploration of the starry sky.

By bringing space to life with stunning realism, planetariums deliver a mix of unique insights with entertaining experiences which leaves a lasting impression.



Image courtesy of experientia Science Center

What the technology does with the guests is important, not the technology itself. We wanted technology that was essentially invisible, which requires an enormous amount of reliability and trust. For the best possible outcome, we chose Barco as our projection supplier.

Thomas Gellerman,
Head of Special Projects at Kraftwerk Living Technologies



On the edge of innovation

A journey to the stars, a field trip to the moon, search for life out there and spectacles of cosmic collisions; to create these magical and unforgettable visitor experiences, planetariums are turning to innovative technologies.

Reach for the stars with digital dome theaters, interactive spherical displays and virtual reality environments to showcase unique visions on science and space.

A passport to the universe

When dealing with such a spectacular beautiful content like the cosmos, image quality, brightness and contrast are key. Visualize the immenseness of far-away galaxies in perfect detail, from the brightest suns to the darkest black holes.

Technology is the invisible star of your planetarium. It's there to serve your story. It should be flawless and non-intrusive to generate consistent immersion and to keep your guests engaged at all times.

With a high level of reliability and outstanding performance, Barco's visualization and screen management solutions offer a unique passport to deliver out-of-this-world experiences.

Our solutions

Barco has a long-standing leading position across the entire visualization chain with battle-proven technologies in LED, projection, image processing, etc. With our vast experience in a rich variety of market applications such as cinema, museums, projection mapping, simulation and many more, we know how to enable you to create the stunning visual journeys through time and immersive explorations into the unknown.

PROJECTION

With a wide range of brightness, resolutions up to 4K and outstanding color accuracy, our growing projector portfolio always delivers your content with remarkable contrast and breathtaking fidelity. Thanks to their standardized interface, set-up and configuration are simplified.



- Exceptional colors and true black levels thanks to DynaBlack settings for immersive night sky projections
- High-quality 3D performance ideally suited for virtual reality installations
- Built in processing capabilities that enable seamless blending and warping

SCREEN MANAGEMENT

Our presentation switchers – the most advanced video processing and presentation control systems on the market today – support a wide variety of show configurations. Their modular and flexible architecture further future-proofs your investment.



- Uncompressed real-time processing with market leading lowest latency
- Cutting-edge scaling capabilities for pixel-perfect results with all technologies
- Total peace-of-mind with improved uptime and efficient monitoring

SERVICES

The Barco service packages promise a guaranteed long product lifetime and maximum uptime thanks to fast issue resolution. And with our growing portfolio of connected devices, we aim to further enhance the operational efficiency of your set-up and maximize your ROI.



- Need fast parts delivery, 24/7 expert helpdesk access or on-site maintenance? We have the perfect Barco EssentialCare package for your project.
- Barco Projector Management Suite: IoT platform to monitor, diagnose and control projectors remotely

For more information on our solutions for planetariums, go to www.barco.com/planetarium

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