



# LET'S AMAZE

Voletarium, Europe's largest flying theater at Europa-Park, Germany  
Photo © Europa-Park GmbH & Co Mack KG / Mack Media.  
Partner: Kraftwerk Living Technologies GmbH - [www.kraftwerk.at](http://www.kraftwerk.at)

Entertainment ignited

Light the spark on spectacular visual experiences

**CHRISTIE®**

# YOUR ENTERTAINMENT TECHNOLOGY PARTNER

When you choose Christie®, you're not just choosing a piece of technology. You're choosing the expertise that comes with 90 years of experience supplying entertainment markets with the most advanced display solutions available.

- › Attractions
- › Giant screens, domes and planetariums
- › Theme parks and amusement parks
- › Hospitality and tourism
- › Large-scale events
- › Museums and science centers
- › Sports venues



^ "Art on theMART", located in Chicago, is the world's largest permanent projection mapping installation.

Photo courtesy of Joshy Brott  
Partner: Obscura Digital

^ "Deep Space 8K for Families" at the Ars Electronica Center, Austria, entralls patrons with an immersive 3D, 8K experience.

Photo courtesy of Ars Electronica / Robert Bauernhansl  
Partner: Ton & Bild Medientechnik GmbH

✓ TUI Cruises enhances live entertainment performances with dazzling 4K content.

Photo © TUI Cruises GmbH  
Partner: Wärtsilä FUNA International



## Engage. Experience. Entertain.

With more than 200,000 installations world-wide, Christie® has built a trusted reputation as the leading provider of engaging, high-performance and reliable display solutions. Right now, Christie products are deployed around the globe powering spectacular, world-class entertainment experiences in theme parks, planetariums, sports venues, museums, domes, attractions and more.



∧ The largest lake stage in the world is lit up with spectacular projection-mapped content during the performance of Carmen at the 71st Bregenz Festival in Austria.

Photo © Bregenzer Festspiele/Karl Forster  
Partners: publitec, Präsentationssysteme & Eventservice GmbH

## You bring the vision, we bring the tech

What's the advantage of working with Christie®?  
We listen.

Bring us your big, your bold, your impossible ideas. Through committed collaboration, we'll work together to create a display solution that not only brings your vision to life in amazing detail, but also works flawlessly day in, day out, show after show. Rest easy knowing you'll benefit from maximum uptime while your audiences are completely immersed in the experience.



Guests of "The Time Machine" at Zaryadye Park are able to explore Moscow's past in stunning 360° visuals.

Partners: Lanit and DIGIS  
Screen by Kraftwerk Living Technologies GmbH



# A BASTION OF INNOVATION

Our engineering teams are the best in the business. We hold over 150 patents and have achieved more than 50 industry firsts. Christie® technologies empower our partners to imagine and create truly one-of-a-kind experiences that are not possible with any other manufacturer.

^ Obscura Digital's "The Antarctic Dome" projects bright and crisp visuals in full 360°, leaving Coachella festival-goers spellbound.

Photo courtesy of Joshy Brotz  
Partner: Obscura Digital



## Technology highlights

Setting benchmarks in a variety of performance metrics, Christie® display technologies are the preferred choice for complex and demanding entertainment applications.

**High frame rates (HFR)** – From 120 up to an astounding 480fps, producing ultra-smooth, blur-free and more immersive video content

**Proprietary RGB pure laser illumination** – Long-lasting, stable and high-performance illumination technology that achieves >90% of the Rec. 2020 color space

**Patented TruLife™ electronics** – Unmatched electronics platform that supports a video-processing pipeline of up to 1.2 Gigapixels per second (GPix/s)

**Mystique™** – Automated camera-based alignment software for multi-projector arrays and 2D and 3D projection mapping experiences

**Guardian** – Unique to Christie, Guardian provides invisible, real-time auto-alignment for blended displays

**Terra** – Standardized AV-over-IP networking enabling the transport, processing and control of audiovisual content, including 4K@60Hz video formats, over 10G Ethernet networks

**View** – Innovative projection system feature that allows up to four users to view different content on the same screen at the same time

^ The 120th birthday of the Eiffel Tower included breathtaking pyrotechnics and epic video projection.

Photo courtesy of Thierry Nava  
Partner: E/T/C Paris

# A COMPLETE SOLUTION FOR ANY APPLICATION

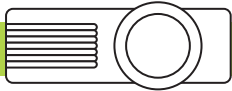

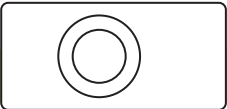
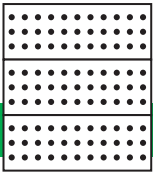
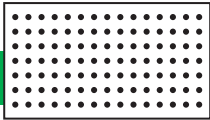
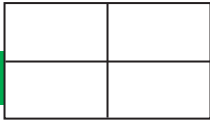






Thanks to our expansive range of display, processing and software products, Christie® is uniquely positioned to supply complete, integrated and custom solutions that cover the entire workflow. Designed, tested, and installed as a complete system, a Christie display will work seamlessly and flawlessly for years to come.

- ▼ An astounding 3.2 million lumens illuminated the opening and closing ceremonies stage of the 28th Southeast Asian Games in Singapore.

Partner: Hexogon Solution



# Limitless possibilities

<p><b>Projection</b></p>			
	<p><b>3LCD</b> 5000 to 8000 ANSI lumens XGA, WUXGA and HD resolution Laser</p>	<p><b>1DLP</b> 3600 to 18,500 ANSI lumens HD to 4K UHD resolution Laser BoldColor Technology for life-like color reproduction</p>	<p><b>3DLP</b> 10,000 to 60,000 ANSI lumens HD to true 4K resolution Lamp-based, laser and RGB pure laser 2D and 3D stereoscopic, 60 and 120fps at 4K, option of up to 480fps at 2K</p>
<p><b>Video walls/large-format displays</b></p>			
	<p><b>MicroTiles LED</b> 1.25 and 1.5mm pixel pitch Cabinet-free, Click-n-Go™ tiles, QuickMount system Flat, concave, convex, 90-degree outside and inside corners, hanging/flying, creative shapes</p>	<p><b>CorePlus and Core LED tiles</b> 1.2 to 4.0mm pixel pitch 8:9 aspect ratio scales to 16:9 Front or rear serviceability Remote or onboard power options</p>	<p><b>LCD panels</b> Ultra-narrow to extreme-narrow bezel LCDs for video walls Portrait or landscape orientation Large-format, discreet displays 55" to 98", 4K UHD, multi-touch</p>
<p><b>Content management</b></p>			
	<p><b>Next-generation video processing</b> Christie® Spyder X20 Christie Spyder X80 Powerful and versatile video processors and video switchers</p>	<p><b>Media playback, interactive content and show control</b> Christie Pandoras Box High-performance, real-time media compositing server system</p>	<p><b>SDVoE AV-over-IP networking</b> Christie Terra Transport, processing and control of uncompressed, zero-frame latency, artifact-free AV content over 10G networks</p>
<p><b>Customization/integration</b></p>			
	<p><b>Interactivity</b> Multi-touch Gesture-based</p>	<p><b>Automated camera-based alignment software</b> Christie Mystique™ Staging, setup, alignment, calibration and maintenance of multi-projector systems</p>	<p><b>Solutions</b> Projection systems for domes, planetariums and giant screen theaters On-ice and on-court projection mapping Theme park attraction development and more...</p>



# PRODUCT SHOWCASE

## › Christie MicroTiles LED

With an innovative cabinet-free design and a host of revolutionary features, Christie® MicroTiles® LED is a monumental leap forward in LED system architecture.

## › Christie Extreme and Ultra Series

Create impressive, near-seamless video walls with the Extreme and Ultra Series of high-performance LCD panels. Offering a host of professional features, these panels are perfect for digital signage, wayfinding, menu boards, lobby displays and more.



↗ The Mob Museum in Las Vegas entertains guests with a fun, interactive learning experience.  
Photo courtesy of The Mob Museum



◀ **Christie D4K40-RGB**

Featuring proprietary Christie® RGB pure laser illumination and TruLife™ electronics, the D4K40-RGB is an all-in-one projector engineered to light up the largest canvases with brilliant visuals.



◀ **Christie Mirage SST**

Engineered for complex, multi-projector applications where space is limited and quiet operation is key, the Mirage SST RGB laser projector enables the creation of the next generation of entertainment experiences.

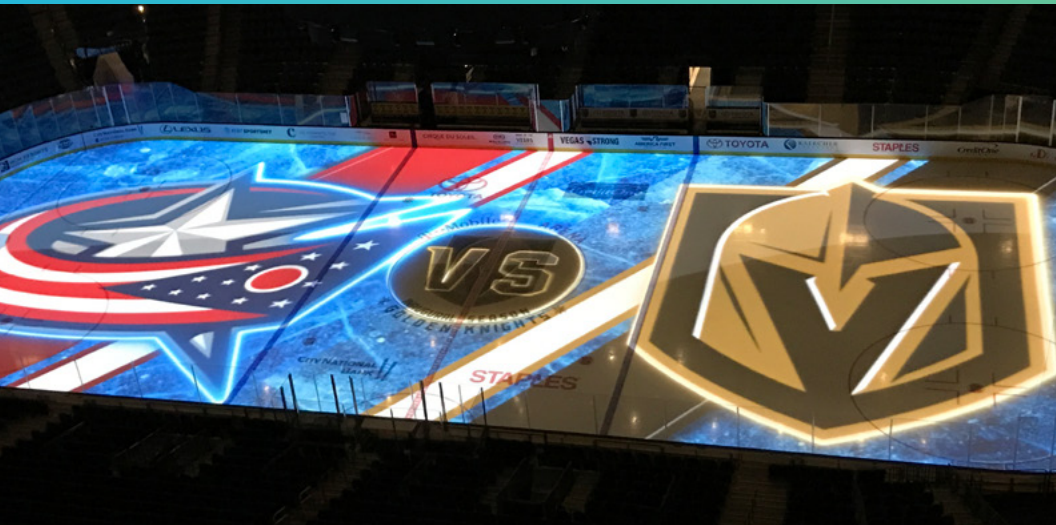
▶ **Christie Mystique**

Automated camera-based alignment and recalibration solution that lets you quickly stage, install, align, calibrate and maintain multi-projection systems.



▶ **Christie Pandoras Box**

Award-winning family of hardware and software tools for real-time video processing, media playback and show control.



◀ On-ice projection-mapping shows during Vegas Golden Knights' games energize the fans.

Photo courtesy of Vegas Golden Knights  
Partner: Image Engineering

- ▼ Austria's Ars Electronica Center delights families with Tagtool at Deep Space 8K / OMAi, u19 - CREATE YOUR WORLD.

Photo credit: Magdalena Sick-Leitner  
Partner: Ton & Bild Medientechnik GmbH



# IGNITING EXCITEMENT

## Museums and science centers

### Attract the next-generation of visitors

From dynamic digital signage and exciting immersive exhibits to interactive activities and large-scale, one-of-a-kind experiences, Christie's broad offering of innovative display and processing technologies empower extraordinary museum experiences around the world and scale to meet any museum application or budget.

## Theme parks and attractions

### Light up your vision

Christie® can help you design remarkable immersive entertainment experiences from the ground up. We take care of the underlying technology freeing you to focus on captivating, educating and moving your visitors by telling your story wherever and however you want and leaving them with memories that last a lifetime.

- ◀ Bringing life to the Dai culture in Yunnan, China at the Xishuangbanna International Resort developed by the Wanda Cultural Industry Group.

Partner: Winconn Technology

- ✓ The immersive planetarium experience captivates the audience at the Center of Science and Industry (COSI), Columbus, Ohio.

Photo courtesy of COSI  
Partner: Evans and Sutherland



## Giant screen theaters, domes and planetariums

### Reinvent the experience

With a product range that includes unique, cutting-edge RGB pure laser projectors, high-performance lamp-based projectors, immersive audio systems, and all the auto-alignment, processing and show control tools needed to reliably and consistently put on the best presentation possible, Christie is your first choice for your next build or theater upgrade.

## Sports venues

### Wow the fans

Deploy Christie's display technology to create a variety of experiences throughout your venue that will entertain your patrons and enhance your broadcast capabilities. Awe-inspiring projection mapping shows pump up pre-game excitement, venue signage helps drive merchandise sales, while dynamic video walls enhance the fan experience inspiring them to come back again and again.

- ✓ Stunning projection mapping enhances the fan experience at Washington Capitals games in Capital One Arena, Washington DC.

Content production, system design and installation by Quince Imaging  
Photo courtesy of Quince Imaging





› The dramatic lighting and mesmerizing puppetry of Vivid Sydney's The Liminal Hour created a one-of-a-kind, interactive experience for spectators.

Partner: Mandylights

## Hospitality and tourism

### Give your guests reasons to stay

From resorts and hotels to cruise ships and casinos, Christie® technologies can help inform, engage and entertain your guests. Whether greeting customers or wowing them with eye-catching, on-brand entertainment, Christie has an extensive range of budget-friendly and high-performance projectors, LCD and LED video walls, image processors and media playback solutions. We can help you choose the solution that's right for you.

◀ The palatial façade of the iconic TCL Chinese Theatre in Los Angeles is transformed by a remarkable, multimedia permanent projection mapping show.

## Large-scale events

### Dazzle your audience

Engineered to meet the demanding requirements of large-scale event production and give you peace of mind, Christie's product offering includes rugged projectors you can easily fly and rig, versatile media playback and show control systems and powerful video processors. From performing arts to night-time spectacles and large-scale projection mappings, our display solutions produce jaw-dropping, true-to-life images that amaze your audience and make them come back for more.

# LET'S START THE CONVERSATION

We want to hear all about your next big project. Contact us today and discover the benefits of having Christie® as your entertainment technology partner.

[christiedigital.com/entertainment](http://christiedigital.com/entertainment)



- ^ The Omni-Theatre planetarium at Science Centre Singapore creates captivating 2D and 3D experiences with its state-of-the-art full-dome system

Photo courtesy of Omni-Theatre, Science Centre Singapore  
Partner: Evans and Sutherland

# **CHRISTIE®**

christiedigital.com

For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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