CHRISTIE

VIVIDLIFE

LED processing platform

The right solution when the display matters



Pillars of VividLife **3**

The advantages of VividLife **9**

Applications

Theme parks and attractions 10

Defense, security, energy and utilities 11

Museums and exhibits 12

Simulation 13

Premium auditoriums and amphitheaters 14

Bring your vision to life **15**



Originally developed
or our award-winning
MicroTiles® LED, **VividLife™** is
the future of Christie® LED



The right solution when the display matters

Discover the pillars of VividLife

When your display is critical to your success, compromise isn't an option. You need technology that performs flawlessly, day in and day out.

Whether you're immersing guests in a thrilling dark ride, monitoring mission-critical situations, or unveiling your vision to stakeholders, the **Christie VividLife™ LED video processing platform** delivers cutting-edge engineering that lets you focus on your content instead of the technology.



Spectacular in every light
From low brightness to high brightness

A brighter LED video wall display looks great in applications with high ambient light, but what about darker environments or when the display needs to be viewed for extended periods at lower brightness? For most LED displays, lowering brightness lowers image quality, introducing noticeable flicker, contrast loss, and color artifacts.

When you need your video wall to adapt to the environment, you can choose one that requires spending more money to recreate content to fit your display's constraints, or you can choose one powered by VividLife™ to deliver the full experience at any brightness, preserving the creators' intent without compromise. For control room operators who need precise details and rich blacks at all brightness levels without eye strain, or for theme parks that immerse guests in the storytelling of dark rides, the choice is clear thanks to VividLife LED processing.

Vibrancy in every shade
Colors that always impress

Colors can make you pay attention or evoke feelings and memories. Whether it's the exact blue of your brand or the dynamic details of a satellite image, color needs to be perfect because if it doesn't meet expectations, audiences leave disappointed, or critical details are overlooked.

Christie VividLife™ reproduces color with the fidelity your content demands and the accuracy that high-performance LED displays require. Whether it's showcasing your brand, displaying the nuanced blues and greys required in mission-critical control rooms, or creating realistic, thrilling experiences for guests, VividLife always delivers in full, vibrant color.

Perfection from day one: With any tile, anywhere, any time

The moment doesn't wait. Theme park gates open daily to thousands of guests. Control rooms are on call 24/7 to monitor critical infrastructure. Immersive museum exhibits need to be ready when visitors are. None of these are moments that can wait for a display to calibrate.

Christie VividLife™ delivers pixel-perfect uniformity so any tile can be placed anywhere across the entire display. From first power-on through the life of your display, VividLife maintains consistent color and brightness across every tile, so dark ride storytelling stays seamless and atmospheric, control rooms maintain a uniform brightness to prevent eye fatigue, and museum curators can present exhibition-grade color and consistency that honor both content and the audience.





Simplicity in every interaction

Powerful control that feels effortless

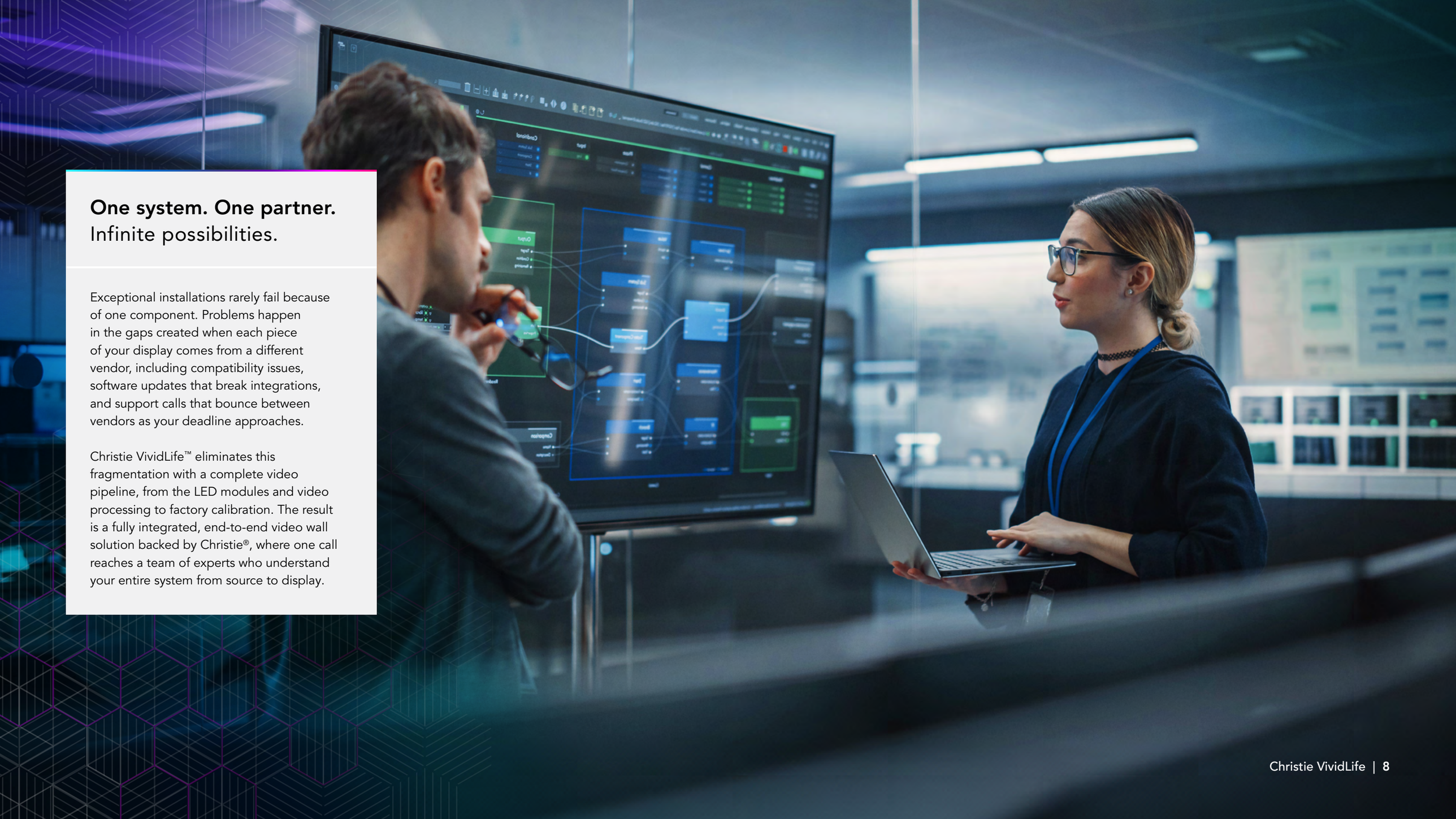
Having the power to monitor and control your system can be the difference between a good installation and a great one. It's the control that ensures operators have 24/7 visibility to respond to situations and that the theme park guest experience never includes downtime.

Your installation doesn't need extra complexity from a third-party UI. With Christie VividLife™ UI, you have intelligent, powerful, real-time control at your fingertips, so your team can adjust brightness with a single click, switch content sources with simple selections rather than complex routing protocols, monitor system health across multiple installations, and get advanced pixel-level diagnostics to help you identify and address issues before they can become a problem.

One system. One partner. Infinite possibilities.

Exceptional installations rarely fail because of one component. Problems happen in the gaps created when each piece of your display comes from a different vendor, including compatibility issues, software updates that break integrations, and support calls that bounce between vendors as your deadline approaches.

Christie VividLife™ eliminates this fragmentation with a complete video pipeline, from the LED modules and video processing to factory calibration. The result is a fully integrated, end-to-end video wall solution backed by Christie®, where one call reaches a team of experts who understand your entire system from source to display.



Built to display what matters

Discover what a Christie® LED video wall powered by VividLife™ delivers and why it matters for your installation

	Christie LED displays powered by VividLife	Conventional LED displays
Low brightness performance	Precision grayscale is maintained at any brightness level, with no artifacts or color shift.	Flicker, color degradation, and visible artifacts at low brightness ruin immersive environments.
Display accuracy	True-to-life DCI-P3 color reproduction with exceptional contrast, consistent across every panel.	Inconsistent color matching between panels and the limitations of NTSC or Rec. 709 makes it harder to achieve results.
Out-of-box uniformity	Pixel-perfect uniformity from first power-on: No on-site calibration required, no downtime.	Requires extensive on-site calibration before go-live. Uniformity degrades unevenly over time.
System control	Unified, intuitive, powerful, real-time control across the entire display pipeline from a single interface with VividLife UI.	Disjointed, offline control across technology from multiple vendors with no single source of your system's status.
Technology platform	Fully integrated end-to-end LED, processing, calibration, and control engineered as one, backed by Christie.	Components are sourced from multiple vendors with no unified ownership or compatibility guarantee.
Diagnostics and troubleshooting	Tile ID and trace tools link software intelligence directly to hardware so operators can identify and isolate faults instantly using live system views and heat maps, without manual cable tracing or guesswork.	A lack of a unified diagnostic layer means manual troubleshooting across disconnected components is required, with no system-wide visibility into where or why issues occur in your display.
System monitoring and alerts	SNMP-based monitoring delivers real-time, actionable health alerts before issues can impact the viewing experience.	Basic or fragmented alerting: Alerts depend on third-party tools and don't offer an integrated early-warning system, so problems are often only discovered when they become visible on screen.
Color management and customizations	End-to-end color control, including gamma, brightness, DCI-P3 color space, custom XY coordinate tuning, seam correction, and built-in test patterns so that visual consistency is guaranteed across the entire display surface.	Calibration tools vary by vendor and rarely communicate across the system. Achieving consistent color across panels requires costly third-party intervention, ongoing manual adjustment, and is limited to achieving only NTSC or Rec. 709 color spaces.



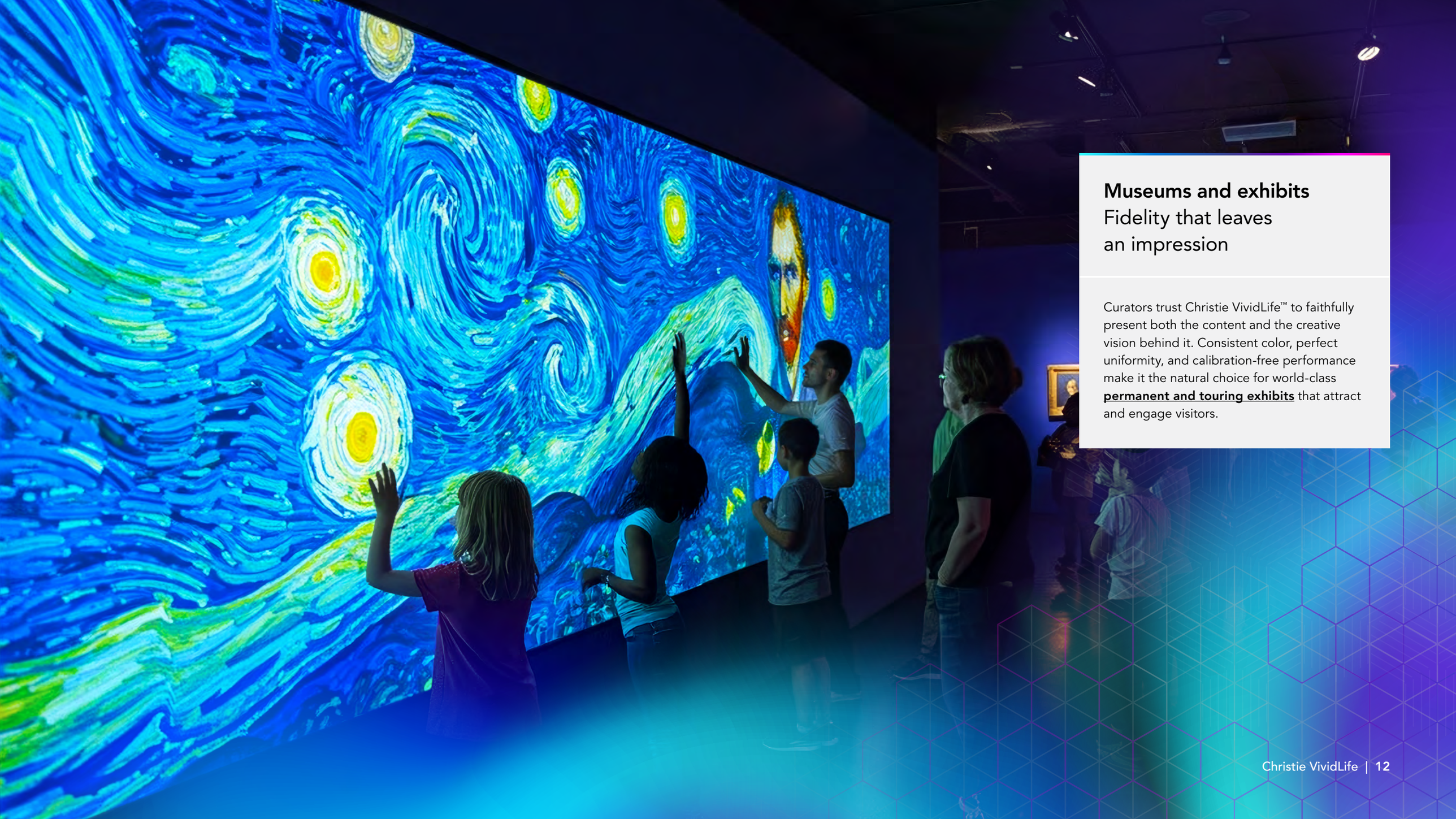
Theme parks and attractions
Immersion without interruption

Dark rides and themed attractions rely on seamless visuals to bring every story to life. Christie VividLife™ delivers the depth and controlled luminance that keep guests fully immersed at every step of the way, for experiences worth waiting in line for.

Defense, security, energy and utilities
Clarity under pressure

For operators making critical decisions across long shifts in demanding environments like control rooms, briefing rooms, and operation centers, Christie VividLife™ delivers the uniform brightness, precise detail, and eye-comfort design, helping ensure nothing is missed when it matters most.





Museums and exhibits
Fidelity that leaves an impression

Curators trust Christie VividLife™ to faithfully present both the content and the creative vision behind it. Consistent color, perfect uniformity, and calibration-free performance make it the natural choice for world-class **permanent and touring exhibits** that attract and engage visitors.



Simulation
Reality, rendered precisely

Training and simulation environments demand accuracy. With Christie VividLife™, optical precision and seamless multi-panel performance immerse operators into a simulated environment so they can focus on their training, not the display.



Premium auditoriums and amphitheaters

Your brand showcase, amplified

You only have one opportunity at an unforgettable product launch, showcase, or keynote. Christie VividLife™ ensures the visual centerpiece is flawless and the visuals are stunning, creating the dramatic impact that commands the room and the coverage it deserves.

Bring your vision to life

With Christie VividLife™ LED processing platform as the foundation of our flagship LED product lines the possibilities are endless

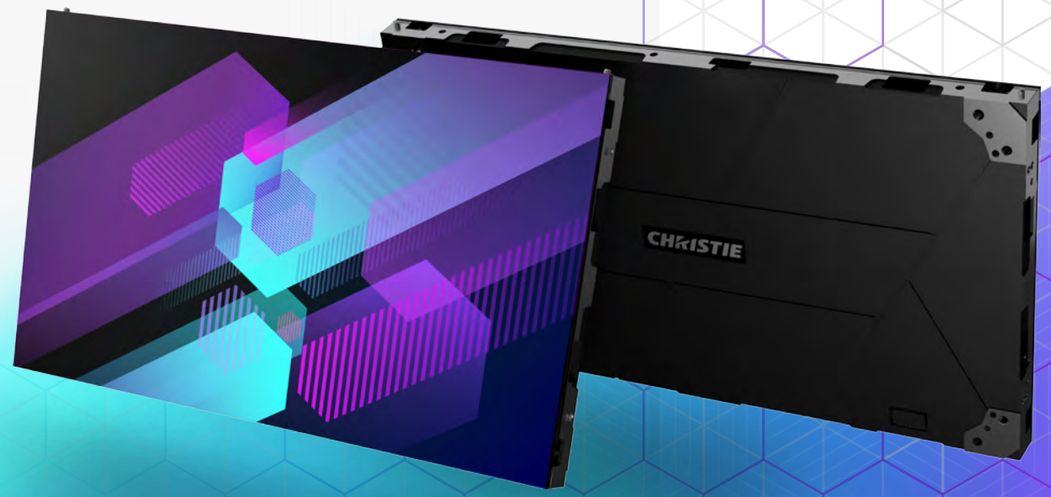


CHRISTIE MICROTILES LED

Designed for those who refuse to compromise their vision, **Christie MicroTiles® LED** gives you the tools to transform your space with unparalleled color, contrast, and design freedom, bringing the most ambitious display concepts to life in a range of ultra-fine pixel pitches, from 0.75mm to 1.5mm.

CHRISTIE XP SERIES LED

Christie® XP Series LED displays are engineered for exceptional precision and performance without compromise. Backed by a 10-year warranty, XP Series delivers precise color accuracy and outstanding grayscale fidelity at any brightness level.



CHRISTIE®

VividLife

Engineered for unforgettable experiences

With our VividLife™ LED processing platform, we're committed to setting a higher standard with unmatched visual performance, every time, alongside a partnership you can count on.

When the display matters, VividLife delivers.

Learn more



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