

# Take control with Christie

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## Control room monitoring solutions

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Broadcast monitoring

Emergency management

Energy/oil and gas

Government and defense

Public safety services

Security and surveillance

Telecommunications

Transportation

Utilities and power



Effective, efficient and reliable – equip your team with solutions and industry-leading support from Christie® to stay in control of the environments you're monitoring and respond quickly to demanding situations. Experience clear and bright visuals, get quick access to your video and data feeds, and communicate efficiently with your team using display, video processing and controller technology for small or large-scale facilities. You can rest assured that our team will be there to support you from the initial conversation through the system design and installation phases, to ongoing support.

**CHRISTIE®**

# An integrated experience

## Solutions and service

Companies around the world have trusted Christie® for over 30 years to keep their operations running smoothly on a daily basis. By introducing new technology and enabling expansive collaboration, operations of any kind will benefit from greater effectiveness, unparalleled flexibility and ease of use.

We strive to understand and provide solutions for your control room requirements. Beyond delivering technical innovations, our goal is to support you with industry-leading warranties and service to give you complete confidence in your system.



“It’s the quality of the products, the ease of installation and the service that I knew I would get from Christie that made the decision [to use Christie] easy. They were all spot on and we will definitely use Christie products again.”

Jay McArdle  
Lead engineer, Zeller DJ, Inc.

^ The Christie Network Operations Center (NOC) monitors, maintains and services tens of thousands of digital projectors used in the entertainment industry and beyond, across the U.S. and Canada, on a 24/7, year-round basis.

## Support and warranties

Our focus is on ensuring your project is handled with care from consultation to installation, to ongoing support.

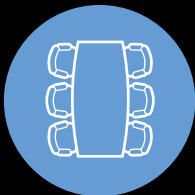
- › Design, customization and commissioning services
- › Dedicated customer service team
- › Extensive technical training programs
- › Industry-leading warranties



Crisis rooms



Backup rooms



Boardrooms



Workstations



Remote monitoring



Command and operations centers

“ I can't say enough about the excellent service that the Christie® team provided to take us through system design to full operation.

Justin Anderson  
Co-founder and president, G9MD

## Scalable solutions to meet your requirements

With the complexity and unique challenges encountered when setting up a new control room or retrofitting an existing one, we have the flexibility and experience to tackle any size of installation.

## Seamless integration of display and processing solutions

Christie's networked control room solutions give you access to your information regardless of where that information may be located – any content, anywhere, any time. This advanced system offers flexibility and scalability, allowing a multitude of input sources to be efficiently distributed over many displays ensuring you have a holistic view of any situation. No matter what size or shape of display you're considering, we have a solution for your application. Christie® integrated solutions and services include:

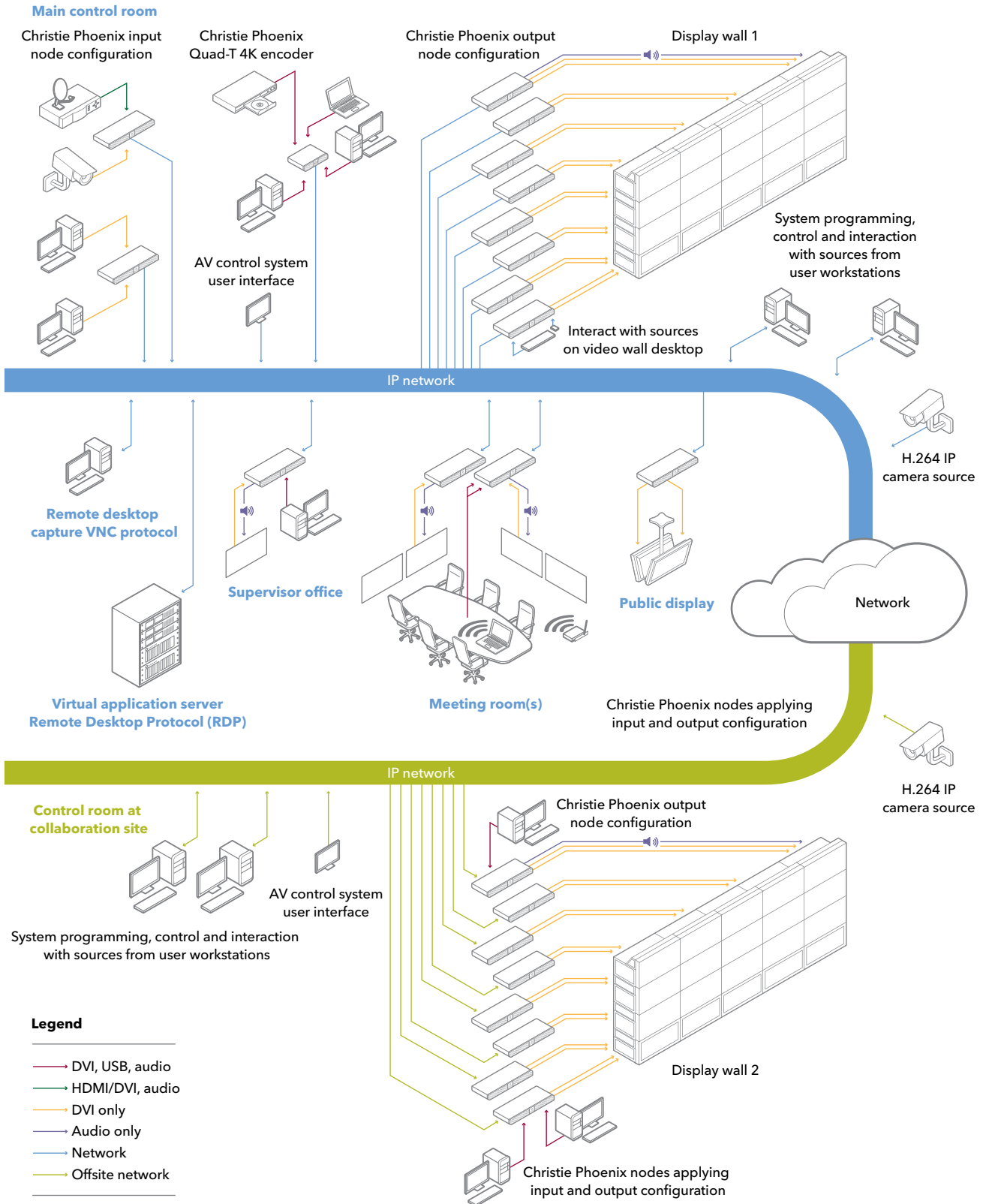
- › Video walls
- › Data, content and canvas management
- › Video processing
- › Customized display systems
- › Retrofit solutions for DLP® cubes
- › Installation, service and warranty support



“ Above all, the speed with which we can replicate what the controller sees, and overlay data to show what it would be like even before it's integrated into the main simulation software, is paramount – and it can all be done quickly.

Mark Race  
Head of Space Innovation Services, NATS





# Video walls

Achieve the clarity in visuals your operators need with rock-solid reliability in continuous system performance. Christie® offers a full range of high-performance, low-maintenance display products that can be seamlessly integrated for advanced monitoring capabilities. We work with our customers to understand their environments and workflow requirements, and deliver the right display solutions to fit their needs.



^ Champagne Mass Urbana Transit

## Ultra-narrow bezel LCD panels

Built using professional-grade components, Christie's reliable and affordable LCD panels deliver unmatched performance for the most demanding applications.

- › Durable and reliable for consistent 24/7 operation
- › Ultra-narrow bezel tiled displays that fit your budget
- › Ideal for monitoring centers that require sharp image quality with ease of use and low maintenance

“ Christie panels are high quality, durable and they're more energy efficient compared to other panels in their class. They're also backed by Christie's warranty and support. There's more uptime and a faster turnaround if something does go down.

Adam Stanton  
Test Engineer, AVI-SPL



## Christie Velvet Apex Series

Reach new heights with Christie Velvet® Apex Series. Featuring ultra-high definition resolution, extremely high fill-factor and advanced monitoring capabilities, the Apex Series is a completely certified LED display wall solution providing 24/7 operation for critical viewing environments.

Available in ultra-fine 1.2mm and 1.6mm pixel pitches, the Apex Series displays content in impeccable detail, making it the ideal choice for applications where image quality and clarity is paramount.

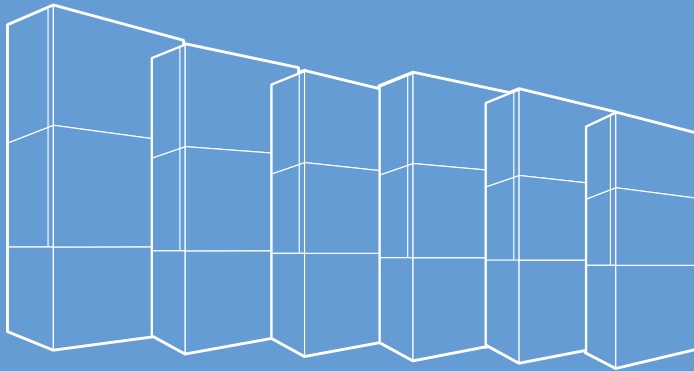
- › Front-access serviceability
- › Remote and redundant power supply
- › Slim, ADA-compliant design
- › UL60950 certified
- › 16:9 aspect ratio
- › Low frame delay

## Christie Entero HB LED-based cubes

When image quality and brightness are driving priorities, along with reliability and long-life in a 24/7 environment, Christie® Entero™ HB LED-based cubes are designed to perform.

- › Various sizes and configurations available in both front and rear-access
- › Resolutions include SXGA+, HD and WUXGA
- › Up to 1350 lumens capability – brightest LED projection for cubes available

- › Front-access design saves valuable space in control room design. Place cubes directly against a wall, with the narrowest screen gaps in the industry.



80"- 4:3 SXGA+	70"- 4:3 SXGA+*	67"- 4:3 SXGA+	72"- 16:10 WUXGA*	70"- 16:9 HD*	50"- 4:3 SXGA+*
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\*Available in both front and rear-access

### Retrofit solutions

When you need to upgrade or replace your existing control room display cubes from Christie or another manufacturer, we can help make the process quick, simple and cost-effective. Choose to retrofit your existing cubes with 1DLP® Christie Entero HB projection engines for industry-leading performance and reliability.

### Customized display cubes

When you need a customized display to fit your requirements, our team can work with you to configure and size video wall cubes to meet your design specifications. Christie customized display cubes are built to order at our ISO-certified manufacturing facility and delivered promptly to help you meet project deadlines.



## Christie DLP projectors

Depending on unique space, audience and lighting requirements, your system design may necessitate an alternate solution. Christie DLP projectors are light-efficient and well-suited for larger front or rear-screen applications, providing image uniformity and consistent, reliable brightness for the life of the projector.

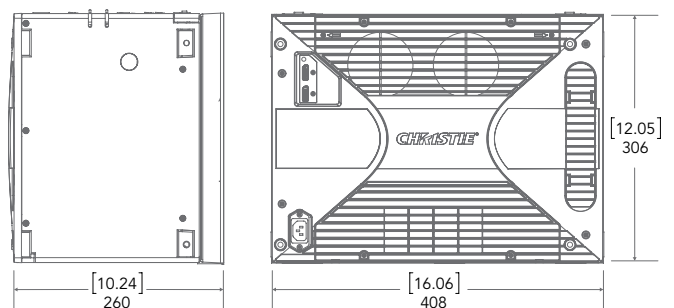




## Christie MicroTiles

When you have an environment that has unique architecture or design requirements, Christie MicroTiles® are the ultimate digital canvas, offering unparalleled design freedom and 24/7 operation. With this highly modular display solution, you can create displays in essentially any size or shape.

- › Consistent levels of brightness, with no lamps or consumables to replace
- › Can be serviced with the new LED module to extend life expectancy
- › Near-seamlessness - image quality won't be impacted when the tiles are used to create larger display walls
- › Option to add multi-touch interactivity using the Christie Interactivity Kit



- ^ With its building-block format and small footprint, Christie MicroTiles offer design freedom to specify and install a digital media display that fits your environment.

# Processors and controllers

Experience complete control from any location, any time, with powerful content processors and controllers from Christie®. We understand that in today's control room environment, information is available in a wide variety of formats, resolutions and locations. Christie solutions allow users to quickly and easily interface with a wide variety of information sources, and simultaneously view, listen to and interact with the data.



## Christie Phoenix

Christie® Phoenix™ is a network-distributed information management system designed specifically for control room applications.

- › Manages both hard-wired digital video and IP sources, regardless of location, across an unlimited number of video walls through an extremely intuitive graphical user interface
- › Users can view, hear and control room sources from any display or workstation
- › The technology can be scaled to support thousands of video and data sources, and hundreds of displays for users in global operations, supporting effective communication and quicker response to potential incidents

## Christie Phoenix Quad-T

Expand your reach even further to acquire more remote video content and control signals over IP networks.

- › Expanding Christie Phoenix system with 4 x 4K inputs
- › Secure and protect your HD video sources - HDCP compliant
- › Allows for KVM reach back, similar to the Christie Phoenix system





“ When we compared the Christie® Phoenix™ solution to other products on the market, it had 24/7 system reliability, which was very important. Other vendors’ complex solutions with multiple servers and switchers would mean more potential points of failure throughout the system and higher costs. Christie Phoenix is a simple design and single-SKU solution which made it very attractive to us.

Nicholas Santillo Jr., CPP, PSP  
 Director of operations security, American Water

- ◀ American Water provides water and waste water services to over 14 million U.S. residents.

## Christie Spyder Series

Christie Spyder Series is the world’s most versatile family of video content management and display processing solutions, for applications where picture quality and size are critical.

- › Support up to 16 video layers across any combination of display platform from a single 4RU frame
- › Create interactive video environments
- › Control up to 20 million pixels in a single 4RU frame – frames can be grouped to form a system of virtually unlimited size



## Customized video wall controller options

Powerful, flexible and built-to-order for the most demanding control room monitoring installations, we offer additional video processing solutions depending on your requirements. Display hundreds of inputs from local applications, 3D applications, network-streamed software, and direct-connected DVI, RGB and video inputs – anywhere, at any size on the wall, and in real time within your 24/7 control room.

- ◀ Ninety percent of deep water oil and gas exploration in the Gulf of Mexico is serviced by Port Fourchon incorporating the Christie Phoenix content management system.

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ISO 9001  
ISO 14001

Kitchener, Ontario



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



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