

Christie Phoenix, enabling efficiency

Case Study



▲ American Water's Operations Security Support Center display wall.

Christie Phoenix enables IP-based digital control rooms

Serving over 14 million people, American Water is a leading provider of high-quality water and waste-water services in the United States and parts of Canada. American Water's primary responsibility is providing safe, clean water for their customers, as well as being committed to environmentally responsible operations. It's their priority to be aware of, and respond as quickly as possible to, incidents that arise in any of their geographically dispersed locations.

Two years ago, American Water saw a need to transform how they monitor and manage security of their facilities to reduce the cost and improve the effectiveness of security monitoring today, and in the future. Their goals were to insource security monitoring and build a monitoring center that leveraged existing internal systems. Within the control room, they needed a digital wall to display feeds and layouts that could be easily integrated, customized, recalled and shared - from multiple locations and multiple sources - with high accuracy and reliability.

Nicholas Santillo Jr., CPP, PSP, Director of Operations Security for American Water, shared American Water's objectives for the control center, "Our ability to act quickly, respond to alarms, ensure our employees' safety, protect

our facilities and provide holistic situational awareness, to both our local operations and our executive leadership teams, is critical in delivering value to our customers and operations. The Christie® Phoenix™ is key to meeting those objectives."

Simple, modular, scalable

The wall needed to display both physical and digital feeds from live video, desktop captures, online information, local cable television feeds and facility systems. The system also needed to be easy to learn and use to minimize training time for staff. Beyond the day-to-day use, American Water needed a solution that would be modular and scalable to adapt to the changing needs of their business over time.

"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

Customer:

American Water

Location:

NJ, USA

Industry/Market:

Power and utilities
Security

Partners:

ClassCraft Audio Video

Requirements:

- Low total cost of ownership
- Energy efficient
- 24/7 operations
- IP-based solution
- Integration of multiple physical and digital sources
- Flexibility to customize and recall layouts
- Reliability of system and delivering to specifications
- Scalable
- Easy to learn, use and train new staff

Summary:

Christie Phoenix brings simplicity and mobility to the complex world of control rooms with an integrated IP-based solution. The American Water Operations Security Support Center installation was a first for this U.S. public utility, and it was also the first installation for Christie using the new Phoenix nodes and software.

Products:

- 12 Christie Phoenix nodes
- 21 Christie FHD551-X

Results:

Through the partnership between Christie and ClassCraft Audio Video, a highly functional and adaptive security monitoring center with a low total cost of ownership was built for American Water. The center will offer enhanced safety and situational awareness – delivering efficiencies and synergies within American Water's security monitoring operations.

