

## OVERVIEW:

### The Client:

Arkansas Children's Hospital

### Customer Profile:

Arkansas Children's Hospital (ACH) is the sixth largest children's hospital in the United States and adds 100,000 square feet a year.

### The Situation:

The sheer size of hospital operations presents an array of security challenges and a high-risk geographical location adds to the need for a complete video management system.

### The Solution:

NETVM Unlimited brings together all camera and recording functions through a single browser-based interface. One common interface for all users allows ACH to greatly improve security surveillance

### The Hardware:

- ▶ AXIS Cameras
- ▶ Cisco Router/Switches

### The Benefits:

- ▶ Cost
- ▶ Data Accessibility and Flexibility
- ▶ Security and IT handshake.

### Partners:

- ▶ Anixter
- ▶ AXIS Communications
- ▶ Cisco Systems

### Software and Service:

- ▶ NETVM Enterprise
- ▶ Managed Services

### Audiences:

- ▶ Hospitals
- ▶ Healthcare
- ▶ Industry

## Arkansas Children's Hospital



### The Client:

With 500 medical staff, 250 inpatient beds and more than 250,000 outpatient visitors per year, Arkansas Children's Hospital (ACH) is the sixth largest children's hospital in the United States. ACH was founded as the Children's Home Finding Society in 1912. Today, ACH is a private, non-profit institution that offers high-quality medical care and specialty services to all children (from birth to age 21), regardless of family ability to pay. Through a partnership with University of Arkansas for Medical Sciences, the hospital also is the site of pediatric training for medical and nursing students, post-doctoral residents and paramedical professionals.

### The Situation:

Arkansas Children's Hospital stretches over a massive 28 blocks in Little Rock, Arkansas. Recently the hospital has added at least 100,000 square feet of building space to the campus every year. Combined with a high-risk geographical location, the sheer size of hospital operations presents an array of security challenges. In its duty to protect property and the welfare of patients and employees, ACH security must keep surveillance at multiple access points and parking lots. Activity monitoring is also required at Pyxis Stations, which automatically dispense supplies and pharmaceuticals to medical personnel, and at an offsite hangar that houses the hospital's two emergency helicopters. The hospital had relied on 90 analog cameras – a combination of fixed and Pan, Tilt, Zoom (P/T/Z) – to monitor security from its own 24/7 dispatch center. All monitoring was recorded on time-lapse recorders. The inefficiency of the technology became apparent as tapes broke or were misfiled. When the hospital needed to move its security dispatch center to a new site, the required rerouting of cables was considered cost-prohibitive and time consuming. ACH had been using a handful of digital cameras with Web-based monitoring for five years. The hospital began to seek a way to expand a similar IP solution to its entire security surveillance system.

### The Solution:

After researching many IP surveillance systems on the market, Arkansas Children's Hospital chose D3Data's Network Video Management (NETVM) Unlimited solution. NETVM Unlimited brings together all camera and recording functions through a single browser-based interface. One common interface for all users allows ACH to greatly improve security surveillance. With its capacity to manage unlimited cameras, locations and users, NETVM Unlimited is the extremely scaleable software technology ACH was looking for. "The other solutions we looked at did not scale very well," explained ACH's Chief Technology Officer, David Higginson. "If we want to build a server capacity, this was the only one that we looked at that was scaleable." In addition, the open architecture of NETVM Unlimited allows features to be customized or added to meet the unique security needs of Arkansas Children's Hospital. Higginson said the D3Data solution was flexible enough to work with the hospital's existing analog cameras during conversion of all cameras to digital, effectively handling extranet, Internet, WAN and LAN transmissions simultaneously. Transitioning from CCTV to IP, the hospital is also experiencing a new mobility not possible with other solutions or their legacy CCTV systems. "Now if we ever have to move our dispatch center again it will be a matter of setting up five computers and getting online and we're ready to go," Higginson said.

### The Benefits:

#### ▶ Cost:

Arkansas Children's Hospital found NETVM Unlimited to be a much more affordable security video solution than updating its existing CCTV system. The hospital and area buildings were already outfitted with network wiring, saving more than \$250,000 in coaxial cabling expenses. With the NETVM system, the hospital could still use its existing coaxial and CCTV cameras by converting the analog video feed through digital video servers.

#### ▶ Data Accessibility and Flexibility:

Real-time monitoring and recorded digital video can be viewed from any Internet Explorer browser, anytime.

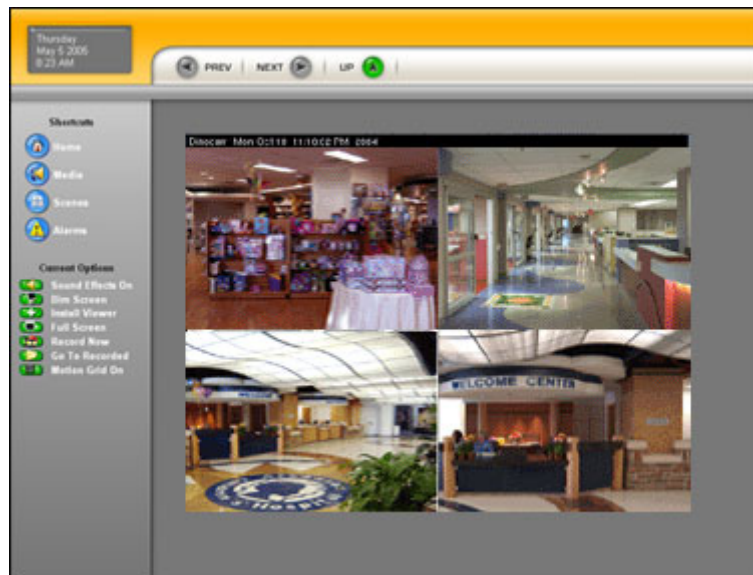
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*"The other solutions we looked at did not scale very well."*

*- David Higginson  
Arkansas Children's  
Hospital*

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## Screenshots:



## More Information:

Founded in 2001, D3Data is the first true digital video surveillance management system to offer secure, browser-based access to real-time and recorded camera video. Unlimited cameras and users in multiple local and international locations all interact with recording tools and functionality through a common web browser. On-demand encoding provides the ability to scale the recording of more than 100 cameras on a single machine.

**For pricing information, please visit:**

<http://www.d3data.com/Pricing.pdf>

## Contact:

Christopher Hills  
Managing Partner  
D3Data, LLC  
Phone: 800-459-9040, Ext. 445  
Fax: 888-317-0309  
Email: [chris.hills@d3data.com](mailto:chris.hills@d3data.com)  
<http://www.d3data.com>