

On-Net Surveillance Systems Case Study

Denver Health Medical Center

Denver Health Medical Center Implements An Advanced Video/IP Surveillance Solution To Secure Inmates in Medical Ward

Highlights:

Client: Denver Health Medical Center

Product: NetDVR 64

Project scope: 17 double-occupancy rooms with dual monitoring

Integrator: KNS Communications

Application: Motion-activated surveillance of detainees being treated at the medical center.



Background

Hospital and Correctional facilities clearly have different security requirements. But when a medical institution such as the Denver Health Medical Center in Colorado hosts a number of inmates suffering from various ailments, video surveillance brings an optimal solution to both worlds.

The hospital had an existing analog CCTV that failed to provide the adequate level of security. New guidelines were drawn including the use of advanced video monitoring to all 17 inmates' rooms. The cameras would have to start recording on motion, when the patient gets out of bed, to assure that no breach of security would occur and that nurses, when entering a room, were not surprised; this footage would be stored for subsequent review or proof of evidence.

The new hospital ward had been constructed without the necessary electrical wiring and cabling for CCTV cameras, so the issue was how to avoid coax cables and to power the cameras without additional wiring.

Requirements

Together with Mr. Roger Bennett, Biomedical Services, at the Denver Health Medical Center, KNS identified the surveillance needs and drew the following list of requirements for the application:

- to be able to start recording when the patient gets out of bed
- to have ubiquitous access and manage the surveillance data from a dual location: the guards' station, with two monitors, and the nurses' station with a single monitor
- to be able to deploy cameras with no additional electrical wiring or coax cabling
- to interface with a user-friendly software, which would require little or no user training
- to run side-by-side with the existing analog system.

Why ONSSI?

KNS's president, Mrs. Sue Scott-Thomas, recalls the request from the Denver Health Medical Center: "to be able to monitor all 17 inmates' rooms from two locations through a flexible, high-availability system". She decided to implement IP surveillance and chose the NetDVR suite of software, which completely answered these client requirements. She found that ONSSI "clearly delivered the most cost-effective and easy-to-deploy IP solution on the market", and her satisfied client has reinforced her into this choice.



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Solution

KNS's president, Mrs. Sue Scott-Thomas had no doubt that an IP solution was the tool of choice when coming to high-availability, flexible surveillance, especially considering the specific client requirements for dual monitoring. KNS deployed a seamless installation in less than 30 days, including cameras with power over the Ethernet to eliminate the need for additional cabling.

DHMC's Roger Bennett explains: "We need the highest level of security and reliability in our institution. We wanted to be able to see events at the exact moment they happen, and also to easily download the video data onto a disk for review or proof of evidence. The ONSSI system gives us immediate and centralized access to all 17 cameras from any location and the image quality is much finer than the pictures obtained through the analog system."

In fact, by enabling advanced motion detection features, the video starts only when the patient goes out of bed, to draw the attention of security and nurses teams, and to effectively save storage space for the footage.

Results

Roger Bennett adds: "Although the initial goal was to secure the detention ward, we have found that the video helps us in many different ways. For example, if a patient were to claim mistreatment we could produce evidence to substantiate his treatment in the facility. Also, doctors have a clear remote access to see the patients' log from their office in another building, and can observe their general condition before even entering the premises."

About ONSSI

ONSSI (On-Net Surveillance Systems, Inc.) is a premier provider of software-based surveillance management solutions located in Suffern, New York.

The company is a market leader in digital video surveillance systems based on live network video technology - also known as Video over IP technology. On-Net Surveillance Systems Inc. offers a full range of software products, specifically developed for the professional video surveillance industry and tailored to the needs of the end-user market. The flexibility of the IP technology results in significant advantages over other digital video solutions. ONSSI's products are available through an extensive network of IT Systems Integrators and CCTV Integrators. Contact your preferred integrator to discuss On-Net Surveillance Systems Solutions. For more information or to find an authorized dealer, please visit www.onssi.com

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