



Video Solutions for Security Professionals™

## CASE STUDY



### At a Glance:

**Market:**  
Health Care

**Location:**  
North Carolina

**Application:**  
Surveillance solution with 135 IP cameras, 19 NVRs with a 92TB, and four miles of cabling to protect multiple buildings.

## Case Study: IP Cameras Secure Patients and Medical Buildings

### Introduction

Doctors and nurses at CommWell Health are passionate about delivering high quality medical and dental care to everyone that comes through their doors. As a medical and dental provider, they offer affordable services to lower income and farming communities in North Carolina. CommWell Health needed a powerful surveillance system to ensure the safety of patients, visiting family members, and staff in various locations.

### Challenge

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Connectivity and surveillance monitoring posed several challenges with this large installation project that included: 135 cameras total, 19 NVRs with 92TB combined storage, and 4 miles of cabling for installation as there were 15 locations across five counties. The main building is 30-year-old and had been renovated, plus multiple buildings had been added-on to it as the health provider expanded over the years. The buildings all had connecting and unmatching attics which made installation a bit challenging.

### Featured Products:

(CMIP3022W) Platinum Fixed Lens Turret IP Camera 2.1MP – 4mm

(CMIP3142-28S) Platinum Fixed Lens Dome Network IP Camera 4.1MP – 2.8mm

(LTN8716-P16) Platinum Professional Level 16 Channel NVR 1U

(LTN8708-P8) Platinum Professional Level 8 Channel NVR 1U

(DHWD50PURX) Western Digital Purple Surveillance Hard Drive – 5TB



### Solution

The security professional consulted a trusted LTS sales representative. They agreed it was best to install 94 Platinum Fixed Lens Turret IP Cameras 2.1MP – 4mm, CMIP3022W at all 16 locations to establish a full perimeter. Forty-one vandal-resistant low profile, Platinum Fixed Lens Dome Network IP Camera 4.1MP – 2.8mm, CMIP3142-28S, cleanly secured patient registration areas. Since there's such a wide coverage area, he utilized what had already been established for connectivity, the company's interoffice fiber network which was

4 miles of cabling and feeding back to the main office where security watched all the cameras on nine 32-inch monitors from all locations. Five Platinum Professional Level 16 Channel NVR 1U, LTN8716-P16 recorded forensic video from CMIP3142-28S onto 9 Western Digital Purple Surveillance Hard Drive – 5TB, DHWD50PURX. The Platinum Professional Level 8CH NVR 1U, LTN8708-P8, also, recorded video information from CMIP3022W onto 9 Western Digital Purple Surveillance Hard Drives.

Three computers ran NVMS7000 video management software for simultaneous viewing of all cameras by security and administrators via their mobile devices. The system was impeccable bringing clear images from all over the facilities.

### Results

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The installation project was a success. The security professional says the new system has been a great asset to the company, and they are very pleased with the ease of the installation, operation of the new system, and support he received from LTS.



Live View from the medical building

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