



Video Solutions for Security Professionals™

CASE STUDY



At a Glance:

Market:
Health Care

Location:
New York

Application:
Enhanced Security at
Assisted Living Center with
118 IP Network Cameras

Case Study: Assisted Living Center Keeps Patients Safer with LTS

Introduction

The Bristol Assisted Living Center is committed to all its residents by providing extraordinary accommodations, delivering expert care, support and ensuring a lifestyle that is active and healthy. The staff prides themselves on ensuring every assisted living community in New York maintains its own personality for residents. When dealing with senior care they have an on-going process to enhance the quality of life for all residents. Since safety is a priority with the elderly, the company desired a powerful IP Network surveillance system not only for safety reasons, but liability purposes. Since patient care is critical, a system was needed to prevent seniors from wandering off the premises or surveil slips and falls.

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Challenge

The building already had a customized alarm system for 12 facility doors. The installer needed to ensure that the surveillance system seamlessly integrated with the security alarm already in place and capture who enters and exits the premises. The security professional also was given a short time to install the system.

Featured Products:

(CMIP3022-28) Platinum
Fixed Lens Turret IP Camera
2.1MP – 2.8mm

(LTN8964-R) Platinum
Enterprise Level 64 Channel
NVR 2U

(LTB307) Wire Intake with
Junction Box

(LTB371) Pendant Mount for
Matrix IR Dome

(POE-SW2402A) PoE 24 Port
+ 2 Port GE Switch

(POE-SW1602) 16-Ports
100Mbps Unmanaged PoE
Switch

Solution

With the help of an LTS product consultant, the installer planned out the project. It started with cabling the facility after determining where 118 Platinum Fixed Lens Turret IP Cameras 2.1MP – 2.8mm, CMIP3022-28, would be installed. These cameras deliver high definition images at 1920x1080P@30fps using a 2.8mm fixed lens. The cameras were installed in and around the facility to capture a lot of foot traffic by doors, windows, in the back of the facility and the front where visitors walk. The cameras also embodied one Matrix IR LED up to 100ft to illuminate images in the dark, and is rated IP66. Twenty-four junction boxes, LTB307, were used for making a cleaner installation and by hiding some of the cables for the cameras. Four, pendant mount for Matrix IR domes, LTB371, were also used for night time purposes or in dark areas. The company also purchased four Platinum Enterprise Level 64 Channel NVR 2U, LTN8964-R. The Quad Core NVRs offer 320Mb Bandwidth, 4K Video Output for detail clarity, and RAID 0,1,5, and 10 to prevent any video loss on storage hard drives since it's an assisted living center and video data is critical. To power and transfer video data through the system, the installer used several PoE Switches: three PoE 24 Port + two Port GE Switch, POE-SW2402A, two 16-Ports 100 Mbps Unmanaged PoE Switches, and a POE-SW1602, were also used.

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Results

The LTS product consultant says the project is just what was desired. The surveillance system is flawless and integrates well with their customized alarm system. Managers of the facility said not only do they feel better about having a surveillance system, but the families of their patients feel better knowing security is enhanced. Both the installer and the company were happy with the results.



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