CASE STUDY

PATRIOT DEVELOPMENT

Bristow, VA | New Facility | CCTV & Networking | Access Control

THE CHALLENGE

Patriot Development's new Bristow facility required reliable network connectivity, video surveillance, and controlled access. The goal was to create an integrated infrastructure that would provide security and connectivity while supporting future growth.

OUR SOLUTION

Bailey Systems installed an integrated Ubiquiti-based solution combining structured cabling, Wi-Fi, video surveillance, and access control. The project brought the facility's security and network systems together into a streamlined solution designed for reliable day-to-day operation and simplified management.

PROJECT SCOPE

VIDEO SURVEILLANCE

- Installed Ubiquiti UniFi G6 Pro 360 camera
- Installed Ubiquiti UniFi G6 Dome 4K PoE cameras
- Installed camera mounting hardware
- Configured centralized recording and management

NETWORK INFRASTRUCTURE

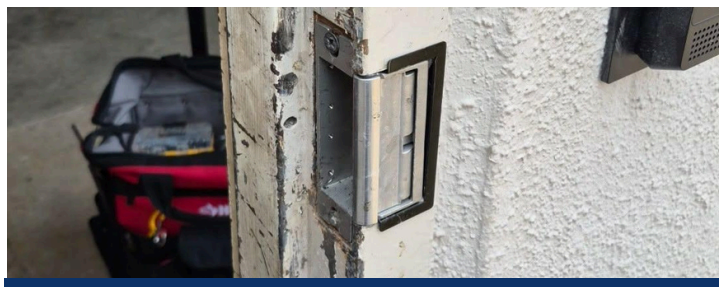
- Installed Cat6 plenum cabling throughout the facility
- Installed Ubiquiti U7 Lite Wi-Fi 7 access points
- Deployed Ubiquiti Cloud Key Gen2 for system administration
- Completed cabling, equipment installation, and programming

ACCESS CONTROL

- Installed Ubiquiti access control devices
- Installed electric strikes, locks, cabling, and conduit
- Completed system programming and configuration

DOOR HARDWARE PREPARATION

ACCESS CONTROL WIRING



ELECTRONIC LOCK INSTALLATION

PROJECT RESULTS

- ✓ Equipped the new facility with integrated video surveillance, networking, and access control
- ✓ Established high-quality surveillance coverage using Ubiquiti camera technology
- ✓ Added Wi-Fi 7 connectivity to support reliable wireless performance
- ✓ Centralized system administration through the Ubiquiti UniFi platform
- ✓ Secured key facility entry points with electronic access control
- ✓ Created a scalable infrastructure that can accommodate future security and network expansion

TECHNOLOGIES UTILIZED

UBIQUITI NETWORKS

UniFi

h.e.s.

Adams Rite

PLANNING YOUR NEXT TECHNOLOGY OR SECURITY PROJECT?

Bailey Systems provides integrated Managed IT, structured cabling, video surveillance, access control, and network infrastructure solutions throughout Northern VA,Washington, D.C., and the Richmond Metropolitan area.

(703) 581-7319 opt. 6
info@baileysystems.com
www.baileysystems.com