CASE STUDY

MEI INDUSTRIAL SOLUTIONS

Fredericksburg, VA

Commerical / Industrial Facility

Integrated Security

Network Infrastructure

THE CHALLENGE

MEI Industrial Solutions needed a comprehensive security solution for its Fredericksburg facility that could integrate access control, video surveillance, and intrusion detection while connecting with the facility's network infrastructure. Installation also required coordination with the general contractor and IT team, elevated work, and compliance with site-specific safety requirements.

OUR SOLUTION

Bailey Systems designed and installed an integrated security infrastructure combining Brivo access control, Eagle Eye video surveillance, and DMP intrusion detection. The project included device installation, low-voltage cabling, network integration, programming, testing, and commissioning.

PROJECT SCOPE

ACCESS CONTROL

- Brivo access control system
- Credential readers & door monitoring
- Request-to-exit detection
- Power & backup power
- System programming & commissioning

VIDEO SURVEILLANCE

- Eagle Eye video management
- Indoor 360° cameras
- Exterior multisensor cameras
- Outdoor bullet cameras
- Cat6 network connectivity
- Live & recorded video configuration

INTRUSION DETECTION

- DMP XR550 intrusion system
- Interior & long-range motion detection
- Door monitoring
- Cellular alarm communication
- System programming & testing

SECURITY DEVICE & CABLING INSTALLATION

ACCESS CONTROL INSTALLATION

VIDEO SURVEILLANCE INSTALLATION

PROJECT RESULTS

- Delivered an integrated security solution combining access control, video surveillance, and intrusion detection across the facility.
- Established comprehensive video coverage with indoor and outdoor cameras supporting live monitoring and recorded surveillance.
- Implemented centralized access control with credential readers, door monitoring, access schedules, and programmable access levels.
- Added multi-layer intrusion protection using door contacts, motion detection, cellular communication, and alarm monitoring capabilities.
- Completed programming, testing, and commissioning to verify proper operation and integration of all installed security systems.

TECHNOLOGIES UTILIZED

brivo

EAGLE EYE NETWORKS

DMP

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.

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