

Extreme in Action: Cameras Guarantee Safe Surveillance



BOSCH
Invented for life



“These explosion-protected IDN cameras deliver excellent performance under light and dark conditions in an intrinsically safe housing.”

Christopher Bradlee, Director of Sales and Marketing, Unlimited Technology, Inc.

Customer: Air Products & Chemicals
Sector: Critical Infrastructure
Product: EX72N Explosion-protected Integrated Day/Night Cameras

Cameras Guarantee Safe Surveillance

Bosch Extreme CCTV explosion-protected products help secure hazardous locations around the globe. Air Products & Chemicals of Allentown, Pennsylvania, uses these Class I, Division 1 integrated Day/Night cameras at its facilities for certified explosion-protected 24/7 performance, day and night. Security integration firm Unlimited Technology, Inc. helped complete the project.

Problem: CCTV Equipment Must Be 24/7 Effective and Safe for Hazardous Locations

- Flammable vapors present at hazardous Class I, Div. 1 locations
- Sparks from electrical equipment may ignite vapors, causing explosions
- Risk of explosion must be reduced or eliminated completely
- CCTV surveillance required to help protect critical infrastructure
- Cameras must be effective 24/7, even under low light conditions

Solution: Bosch Extreme Night Vision Cameras Certified for Class I, Div. 1 Performance

- Certified explosion-protected solutions for Class I, Div. 1
- Explosion-protected performance even when explosive conditions are present under normal operating conditions
- Precision optics deliver outstanding video imaging
- Integrated active-infrared illumination provides 60 feet of award-winning night vision under low light conditions

Results: Improved Security at Air Products' Facility

- Compliance with hazardous location safety regulations
- Reduced explosive risk at critical infrastructure sites
- Effective 24/7 video surveillance in day or dark conditions
- Safer work environments, safer community
- Enhanced security for people and property



Class I, Div. 1 locations have explosive gases present during normal operating conditions and therefore require certified explosion-protected products to ensure site safety.

Bosch Security Systems, Inc.

130 Perinton Parkway
Fairport, NY 14450
800-289-0096
www.boschsecurity.us