

UTC Fire Safety Solutions for DATA CENTERS



Managing Security Risks in the Oil & Gas Sector

Technology Evolution and Advancement in Perimeter Security

Emergency Response Systems

Service & Maintenance: The Inside Story



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Video Analytics Providing Solutions to Security Challenges in Oil & Gas Sector

Safe and reliable energy is a vital link in the nation's critical infrastructure. Oil and gas products play an important role in national economy, national security and are integral to the way of life. As such, security has always been and continues to be a priority across the oil and gas industry.

● SUBMITTED BY ALLGOVISION



- **Vehicle Analytics:** Illegal Parking, Speeding & Wrong-way, Parking Availability
- **Face Analytics:** Face Detection, Face Capture, Face Tracking

BENEFITS

By implementing a holistic security risk management methodology, security solutions can be adapted to the changes in threats and security risks, and the levels of investment can be adjusted in accordance to the protection required.

AllGoVision has helped one of the largest oil refineries in India i.e. Bharat Oman Refineries Limited (BORL) meet their challenging security requirements. Neural Integrated deployed Allgovision's Security and Suspicious Incidence, integrated with Indigo vision control center and Indigo vision IP camera were deployed to meet BORL's need.

AllGoVision's Security and Suspicious Incidence allows BORL's authorities to identify and restrict access to sensitive areas via video analytics, track suspicious people and vehicles. Furthermore, the perimeter is also protected by AllGoVision's features like Tripwire and Trespass.

PROJECT REQUIREMENT

The potential threats are directed against the whole oil and gas infrastructures but could target their critical and strategic assets such as reservoirs, wells, pipeline systems, mass storage facilities, oil refineries, product loading racks and vehicles, pipelines entering and leaving facility, buildings, equipment and support systems, etc. Nowadays, asymmetric threats using unconventional warfare tactics are the primary threats to critical infrastructures. This is especially true for oil and gas industry now involved in asymmetric conflicts. Therefore, to protect those assets, personnel and high-level decision-makers etc. The security measures should be in line with the threat level and adapted to the security risk level.

ALLGOVISION SOLUTION

AllGoVision has developed a host of unique and cost effective video Analytics applications that address the specific needs of Oil & Gas and Power industry. The objective is to define a security program based on a collective effort that seeks to reduce the likelihood that industry personnel, their families, facilities and materials shall be subject to any kind of attack, and to prepare to respond to the consequences of such attacks should they occur using real time alarms for events / incidences based on following features:

- **Intrusion Detection:** Tripwire, Trespass, Camera Tampering
- **Suspicious Incidence:** Left Object, Missing object Detection
- **Advanced Monitoring:** Auto PTZ Features, Video Stitching, Smoke & Fire Detection

We have deployed AllGoVision's Video Analytic solution at BORL to address various security threats. The installation was easy and AllGoVision team provided good remote support. We are very satisfied with the accuracy rate and the overall performance of the AllGoVision System.

Vyankatesh Adarkar, Head – Sales, Industrial,
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