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

Project Description

Location: Bina, Madhya Pradesh in India
End User: Bharat Oman Refineries Limited
System Integrator: Neural Integrated Systems Pvt. Ltd.
Solution Details:
    Cameras & NVR: Indigovision
    Video Analytics: AllGoVision
Vertical Market: Oil & Gas
Use case: Security and Suspicious Incidence
Features: Intrusion Detection, Security & Suspicious Incidence, Advanced Monitoring, Traffic & Parking Management

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.

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:

"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"

Mr. Vyankatesh Adarkar
Head – Sales, Industrial
Neural Integrated Systems Pvt. Ltd.

Intrusion Detection	Suspicious Incidence	Advanced Monitoring	Vehicle Analytics	Face Analytics
Tripwire	Missing object Detection	Auto PTZ Features	Illegal Parking	Face Detection
Trespass	Left Object Detection	Video Stitching	Speeding & Wrong-way	Face Capture
Camera Tampering	Loitering	Smoke & Fire Detection	Parking Availability	Face Tracking

AllGoVision's Video Analytics being used in Oil & Gas industry to curb security threats.

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 Indigovision control center and Indigovision 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' features like Tripwire and Trespass.

AllGoVision Video Analytics Reference in Power, Oil & Gas

Bharat Heavy Electricals Limited

Bharat Oman Refineries Limited

Gas Authority of India Ltd

Indian Oil

Oil & Natural Gas Corporation Limited

National Thermal Power Corporation Ltd

Tata Power

About AllGoVision

AllGoVision group started in 2009 and became an independent company AllGoVision Technologies Private Limited in 2016. Headquartered in Bangalore with branches in the US and Dubai, AllGoVision is a leading video analytics software and has a global spread of sales partners, with proven installations worldwide. We have dedicated ourselves into in-depth research and product innovation. AllGoVision video analytics software is equipped with 40 plus basic and advanced Video Analytics features. It is an Open Platform Analytics integrated with many VMS manufacturers. AllGoVision focuses on providing following benefits to its customers – robust performance, cost efficiency, ease of use and customization.

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