VideoIQ® iCVR™ Solution

Protecting Critical Infrastructure Using Intelligent Video Surveillance

Protecting critical infrastructure is a top priority for organizations across the energy, oil and gas, industrial and transportation sectors. Facing unprecedented challenges and risks that range from theft to vandalism and even terrorist strikes, companies need to ensure the highest levels of safety and security at all times. Yet the costs associated with 24-7 surveillance by onsite guards alone can be staggering, and they can't keep their eyes on all areas all the time. Meanwhile, while video surveillance systems can offer another valuable tool, they are often complex and costly to implement and maintain.

An Intelligent Alternative

The VideoIQ iCVR — Automated event detection, a built-in DVR and integrated video management — all driven by next-generation analytics.

With built-in video storage, the iCVR is ideal for wireless security in nearly any indoor or outdoor environment, including vast areas such as parking lots, buildings and property boundaries. Additionally, the iCVR offers a powerful "object search" capability that enables users to review recorded video to locate a particular person or vehicles within seconds — speeding investigations exponentially.

Protecting your critical infrastructure has always been a priority — but the stakes have never been higher. Protect your business today with the VideoIQ iCVR. Learn more at www.videoiq.com.

VIDEOIQ®

SMART VIDEO SURVEILLANCE

The iCVR provides highly accurate and proactive critical infrastructure protection in two ways:

Force Multiplier and Earlier Warning

The iCVR scrutinizes video footage in real-time, frame-by-frame, to detect conditions of possible threat and prevent crime better than guards alone. Even the best guard tours only patrol the premises once every hour. However, the iCVR watches continuously, providing exceptional protection and triggering notification immediately so that on-site guards have the earliest possible warning to respond. The iCVR never falls asleep, looks the wrong way or blinks. The iCVR acts as your company's "digital guard," serving as the first line of protection against security threats and enabling on-site guards to be more efficient.

Remote Guarding

The iCVR enables remote guarding of critical infrastructure sites, creating a real presence in protected areas. The iCVR continuously monitors for security threats and alerts human guards — who can be located at a remote monitoring station anywhere in the world — when a breach is detected. The iCVR sends a video clip of the recorded event to the remote guards' computer screens who can then visually verify the situation and immediately interrupt the intruder through two-way audio — stopping crime before it happens. Remote guarding using the iCVR offers organizations an effective and compelling alternative to on-site guards at a fraction of the cost.

Proactive Protection

The VideoIQ iCVR offers the most proactive security protection to critical infrastructure sites. Below are just some of the powerful capabilities of the iCVR:

- **Unmanned Site Protection.** By watching for any objects entering an unmanned site without proper authorization, the iCVR provides unmatched protection. The iCVR can detect suspicious activity during times of day specified by the user.

- **Loitering Detection.** The iCVR detects when a person or vehicle stays in a defined area for longer than allowed, such as a car loading or unloading at an airport, a person dwelling in a parking lot or a vehicle stopping in a tunnel or under a bridge.

- **Perimeter Protection.** The iCVR alerts on-site or remote security guards as soon as there is unauthorized entry into a monitored space. Lines of Interest (LOI) can establish a virtual perimeter around and within the entire facility or other designated areas.

- **Direction of Travel Monitoring.** The iCVR detects when a person, vehicle or vessel is violating the allowed direction of travel, which can indicate someone circumventing security checkpoints, driving on the wrong side of the road or entering an area after hours.

- **"Digital Doorman."** The iCVR allows users to remotely verify and grant building or gate access to visitors. The iCVR's next-generation analytics detect visitors and instantly alert building personnel to verify guests before they enter. With one-button click release, visitors can be granted access, even if staff is not at the front desk. VoIP two-way audio is also available.

- **Outdoor Inventory Control.** The iCVR can help prevent unauthorized inventory removal, reducing theft and the associated costs of replacing stolen items.

- **Parking Lot Monitoring.** The iCVR watches for suspicious activity in parking lots. Activities occurring after-hours generally represent a significant threat, but the iCVR rapidly adapts to and learns the background of a scene, so that suspicious behavior is instantly detected.

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