

# Leading Cloud Physical Security for Modern Energy Operations

## Overview

Oil and gas operators face increasing regulatory pressure to protect critical energy infrastructure across upstream and midstream operations. With Verkada, gain real-time visibility across well sites, offshore platforms, pipelines, refineries, and retail fuel stations. Customise smart alerts to improve health and safety and minimise disruptions to operations.

## Trusted by oil and gas companies



## Protect remote operations and sites

### Enable remote monitoring

Monitor remote assets with just cameras and LTE gateways — no servers or NVRs required, making deployment easy where there's limited infrastructure.

### Unify visibility across sites

Oversee security operations from anywhere, including installation, user access, and troubleshooting — unifying visibility across distributed sites.

### Investigate rapidly with AI

Investigate leaks, injuries, and intrusion events in minutes using motion, text queries, or reverse image search. Instantly reconstruct a timeline of events to see what happened.

### Centralise security alerts

Get instant alerts for safety risks (e.g. slip and falls or missing PPE), trespassing, and fence climbing. Feed all alerts into your SOC for faster, coordinated response.

### Simplify video sharing

No need for thumb drives. Easily share video clips and even live camera feeds with local authorities or internal teams via SMS or a direct link.

### Secure unstaffed sites

Cameras can act as virtual guards, monitoring activity and triggering alarms. Remote human agents can instantly video verify events and take immediate action.

## Enhance perimeter security

### Protect critical infrastructure

Remotely keep an eye on pipelines, terminals, and substations from any internet-connected device or your security operations centre, detecting any intrusion or tampering activity.

### Streamline gate access

Automate gate access for approved vehicles using ANPR (automatic number plate recognition) or verify and grant entry remotely through a video intercom.

### Speed up vehicle investigations

Track vehicles entering and exiting terminals and fuel depots with number plate recognition, supporting faster and more accurate investigations.



## Protect employees and retail fuel stations

### Safeguard against health hazards

Monitor air quality with smart sensors in crew accommodations and remote camps to protect worker health and meet regulatory standards.

### Call for help with one click

Mounted panic buttons at fuel stations and remote sites instantly alert security teams and provide linked footage for fast, effective response.

### Protect retail fuel stations

Reduce shrink, deter drive-offs, and protect back rooms, cash handling, and fuel infrastructure with integrated video and access control.

## Why Verkada?



**No NVRs or DVRs**  
– up to 365 days of onboard storage



**Unlimited user seats** and cloud archiving



**Up to 10-year product warranty** and predictable renewal costs



**24/7 technical support** via email, phone or live chat



**Cybersecurity protection** SSO, 2FA, and Enterprise Controlled Encryption



**Automatic updates** to unlock new features and maintain security

### Video Security

AI-enabled, bandwidth-efficient cameras provide 24/7 recording, up to 365 days of onboard storage, and industry-leading image quality.

### Access Control

Automate staff credential provisioning and assign granular user permissions with cloud-based access control.

### Alarms

Deter trespassing and break-ins with cloud-managed intrusion detection and 24/7 professional monitoring.

### Intercom

Answer calls from anywhere with sharp video, clear audio, and four smart receiver methods.

### Guest

Streamline visitor check-ins in offices with automatic photo ID and form capture, optional security screenings, and instant host notifications.

### Air Quality Sensors

Set custom alerts for noise, temperature, humidity, CO, CO2, PM2.5, PM10, vape emissions, and other air quality indicators.

### Mailroom

Optimise deliveries at remote crew accommodations by tracking packages with a mobile scan and automatically notifying recipients.

### Connectivity

Easily deploy Verkada cameras and devices with LTE gateways in hard-to-wire locations like wellpads, substations, and remote oilfields.

### Viewing Station

Stream up to 300 live camera feeds from a single Viewing Station and gain instant visibility across your distributed sites.



Contact [sales@verkada.com](mailto:sales@verkada.com) to learn more or try Verkada for free.

