ALERTENTERPRISE

PHYSICAL SECURITY SOLUTIONS FOR THE OIL & GAS INDUSTRY

Convergence of Physical and Industrial Controls

Applications and systems controlling oil and gas industrial processes are complex and typically traverse large geographies. Most of these processes run non-stop and are fine-tuned to deliver performance and reliability. Modification or replacement of these systems usually only occurs after a 10- to 15-year use cycle.

Many of the systems currently in place were not designed with Security in mind. The AlertEnterprise platform solves these inadequacies, linking to specialized plant applications like Distributed Control Systems (DCS), plant historians and specialized log management systems that deliver data directly from field devices like PLCs, RTUs, and SCADA systems.

AlertEnterprise software uncovers blended threats across multiple areas to detect and prevent unintentional or malicious incidents before they happen – and even specific to the operation of a broad range of instruments, sensors, switches, valves, gauges, servo control motors, pumps, alarms, relays and communications gear.

The software integrates seamlessly with enterprise applications including HR systems and providing ongoing background checks and risk analysis during the entire hire-to-retire journey.

The AlertEnterprise platform manages insider threats by integrating across multiple Physical Access Control Systems (PACS), video surveillance and sensor networks to continually monitor employee and contractor access to critical assets across the entire energy value chain.

ALERTENTERPRISE SOLUTIONS

G ENTERPRISE GUARDIAN

S ENTERPRISE SENTRY

I IDENTITY INTELLIGENCE TECHNOLOGY

V ENTERPRISE VISITOR IDENTITY MANAGEMENT
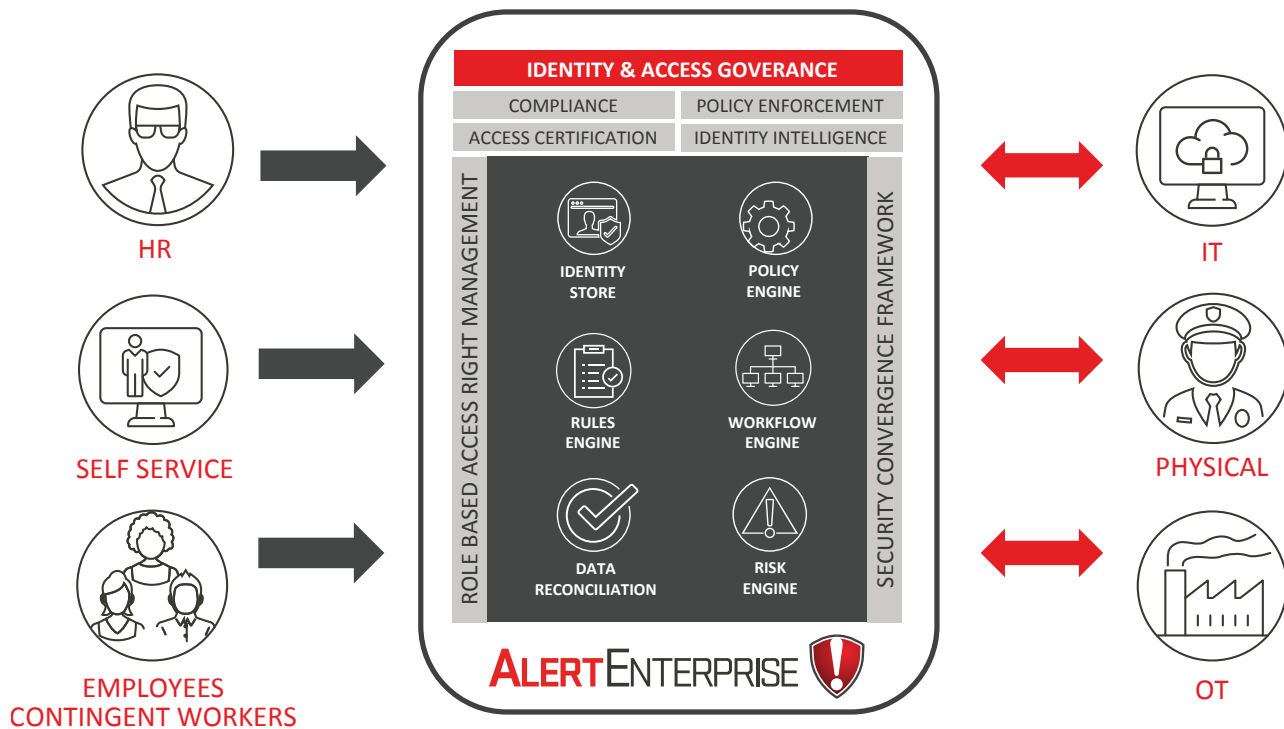
FEATURES

- Unified business layer that correlates blended threats across IT Systems, Physical Access Controls and Industrial Controls

- Monitor insider threats via cross-application risk analysis – including onboarding and offboarding

- Incident Management and Response system includes pre-packaged remedial action strategies

- Rich, content situational awareness display – geospatial mapping to Google Maps, Virtual Earth

- Compliance automation meets industry-specific regulations

ALERTENTERPRISE DELIVERS NEXT-GEN PHYSICAL SECURITY SOLUTIONS FOR THE OIL AND GAS INDUSTRY

AlertEnterprise is the only software that can detect and uncover security threats across IT systems, physical access and industrial controls without adversely impacting the performance or reliability of the process and providing real-time incident response and situational awareness.

Companies are challenged with securing their plant applications from exposure created by ongoing integration with business processes. Most Security technologies have been developed for corporate networks and cannot be installed in real-time environments without impacting operational reliability. The plant can no longer operate effectively in this environment. AlertEnterprise delivers an add-on solution that can secure enterprise IT and plant applications and deliver continuous, integrated monitoring to prevent sabotage, acts of terrorism and malicious acts.

To address insider threats, AlertEnterprise conducts background certification checks and risk analysis prior to enabling access to critical areas, assets, devices and applications needed for operations. Additionally, AlertEnterprise ensures terminated employees no longer have physical or logical access to systems, facilities and assets. Companies trying to accomplish this today are too often faced with manual procedures that are time-consuming, costly and unable to scale.

NIST NCCoE Reference Deployment leverages AlertEnterprise Unique Ability to Manage IT, Physical and OT Identities. Copyright © 2015, AlertEnterprise, Inc.

AlertEnterprise software delivers IT-OT convergence solutions that include Security and operational risk management for upstream, midstream and downstream operations. Integrating across IT, Physical Security and OT/SCADA operations, AlertEnterprise software yields critical infrastructure protection for the entire enterprise.

CAPABILITIES FOR OIL AND GAS INSTALLATIONS INCLUDE:

- Employee and Contractor Onboarding/Offboarding
- Managing SCADA Security and Operational Safety
- Enhanced Security Operations Center Capabilities
- Plant Incident Management and Response
- Operational Compliance

ENERGY TRANSPORTATION SECURITY

Traversing the energy value chain involves transportation – pipelines and multi-modal transport including sea, rail and trucking.

Thousands of access points, hundreds of employees, varying levels of security from highly access-controlled areas at ports, to moderately controlled areas open to the public - all need to be monitored.

AlertEnterprise scales to the challenge – detecting and identifying threats that viewed separately might not be cause for alarm, but when correlated and analyzed require immediate attention and mitigation.

BENEFITS

- Deliver complete Security across the enterprise

- Visualization enables better alignment between business and Security objectives

- Faster response to unfolding incidents minimizes adverse impact to business

- Remedial action strategies yield knowledge to responders allowing managers to focus on mitigation

- Active policy enforcement with operational compliance

NEW COVID-19 HEALTH & SAFETY ACCESS GOVERNANCE AND INTELLIGENCE MODULES

As attention turns to restarting and recovering the global economy, AlertEnterprise is helping organizations put technology to work to defend their workforces from the COVID-19 contagion. The new Health & Safety Access Governance and Intelligence modules helps you return to work with confidence, automating and proactively enforcing policies and plans for re-entry, workspace physical distancing and infection response.

LEARN MORE: HTTPS://ALERTENTERPRISE.COM/COVID-19/

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