Securing Your Energy Facility

From large corporate campuses to small, very remote sites, we understand the spectrum of distinct security challenges you face. All facilities need to feel accessible to ensure optimal productivity but must also implement a variety of measures to secure staff, visitors, contractors and critical infrastructure assets. In addition, any security solution within these sites must comply with stringent industry regulatory requirements.

Energy Security Challenges

Safeguarding Against Deliberate Workplace Attacks and Violence
Physical violence, equipment and/or infrastructure sabotage, and extreme activism are disruptions increasingly faced by companies, employees, and contractors in the energy industry. As workers face ever-present threats, buildings and facilities must be secured, and in-house security forces require increasingly effective tools for mitigating and/or preventing disruptions.

Protecting and Tracking Assets
Energy facilities contain numerous valuable, critical assets – including human capital. Location and current status must be meticulously tracked to ensure these assets are handled appropriately and available when needed most.

Complying with Regulatory Requirements
Energy is one of the most heavily regulated industries, whether faced with CFATS, TWIC, NERC CIP, and/or other regulations. Customized offerings are needed to comply with such regulations, so personnel remain safe and organizations avoid potential fines.

Unifying Disparate Systems
Unification of multiple systems provides security operations teams with greater situational awareness, efficiency and control.

Securing Restricted/Regulated Areas
Many areas of an energy facility are considered restricted or mandated for limited access and require a custom-tailored solution for management, protection, and compliance.

Managing Visitors
A daily influx of visitors can strain resources and introduce distractions. To help alleviate the burden and enhance security, a tightly integrated visitor management system with access control is essential.

Energy Industry Sectors Served

Private, Public, and Municipal Utilities and Energy Companies: Including those involved in generation, transmission, and/or distribution/delivery of gaseous, liquid, solid, and/or electrified forms of energy.

Energy Forms and Facilities Protected: Electricity, oil & gas, renewable, nuclear, and water.

Protection of Natural Resources & Extractive Activities: Water wells and aquifers, coal and mining operations, biomass fields and harvest, oil & gas extraction and collection fields, platforms, and plants.

Oil & Gas Operations: Upstream, midstream, downstream and liquefied natural gas (LNG), including harvesting operations, storage, refining, wholesale and retail delivery.

Energy Production Plants: Fossil-fueled, hydroelectric, nuclear, wind farm, solar farms, and thermal.

LenelS2 Energy Solutions

Our dedicated Energy Solutions team is ready to help. With over 2,000 unique deployments and growing, our scalable systems solve energy facilities' most critical security challenges.

Cybersecurity
LenelS2 solutions provide end-to-end encryption using the latest standards. Our solutions also support third-party multifactor authentication via OpenID® Connect in addition to smart credentials, biometrics, as well as mobile and PIN reader technologies.

Touchless Access
LenelS2 BlueDiamond™ touchless access enables building occupants to eliminate a significant number of access touch points through industry-leading mobile credentialing technology. The BlueDiamond solution leverages Carrier's 20 years of experience developing mobile credential technology with over 4,000,000 Bluetooth® locking devices deployed across multiple industries – including Energy. Mobile credentials may be reused, transferred, and remotely activated or deactivated to support remote workers for organizations with multiple locations.

Polices for Access Levels
To maintain compliance with corporate security policies, LenelS2 makes it easy to provide the right access levels, to the right people. LenelS2 policies are customizable and can automatically identify violations and self-correct based on predefined standard operating procedures.

Guard Tour and Management
LenelS2 Guard Tour helps secure energy facilities and protect security teams without the need for additional hardware, software, or training. Guard Tour utilizes existing reader infrastructure to allow guards to check in as they patrol a facility. System administrators are notified if a check point is missed or delayed.

Asset Protection and Management
LenelS2 systems provide robust tracking for various assets utilizing existing barcode infrastructure or RFID tags. System administrators are notified when checked-out assets are not returned. Employees who fail to comply with asset rules can also have their access levels automatically adjusted.

Airlock, 2-Person Rules, and Other Secure Areas
LenelS2 airlock helps secure environmentally-controlled areas using a dedicated, programmable airlock feature. Customizable 2-person rules are also available for areas requiring such compliance.

Enhanced Audit Reports
LenelS2 provides easily accessible and detailed audit trails when changes are made to cardholder information, access level assignments and hardware, or when badges are added or modified.

Industry-leading Third-party Integration Support
LenelS2 offers out-of-the-box integrations and an open API to help meet typical energy facility needs, including integrations for Active Directory, time and attendance, incident management, real time location services, key management, asset protection and tracking, parking lot control, facility wayfinding, visitor management systems, and more.

Artificial Intelligence
LenelS2 systems offer big data connector capabilities that export key real-time data to Security Information Event Managers (SIEMs) for organizations with combined physical and IT security threat detection teams and tools. LenelS2 is dedicated to modernizing physical security solutions through artificial intelligence (AI) software.

LenelS2 is the global leader in advanced physical security solutions, including access control, video surveillance and mobile credentialing. We innovate products, systems and services to address the most complex, evolving needs of some of the world's most demanding organizations. Whether you're operating a small- to medium-sized business or the largest global enterprise, our solutions are built to solve your unique challenges

LenelS2 is part of Carrier, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. Carrier embraces environmental, social and governance (ESG) progress through measures to improve the planet, people and communities. We play an important role in decarbonizing the global economy. We are innovating solutions and services that enable our customers to achieve their sustainability goals, and we are continuously incorporating sustainable practices within our operations.

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For more information, please visit lenels2.com.

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