



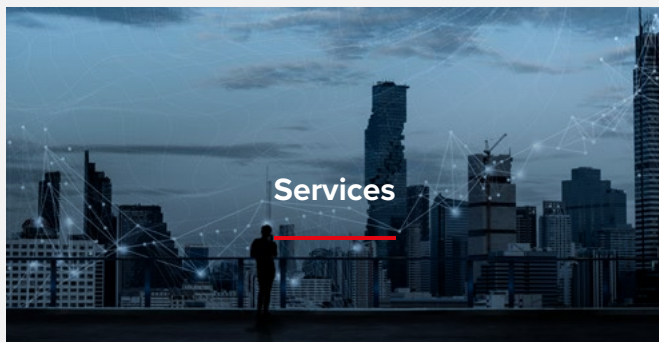
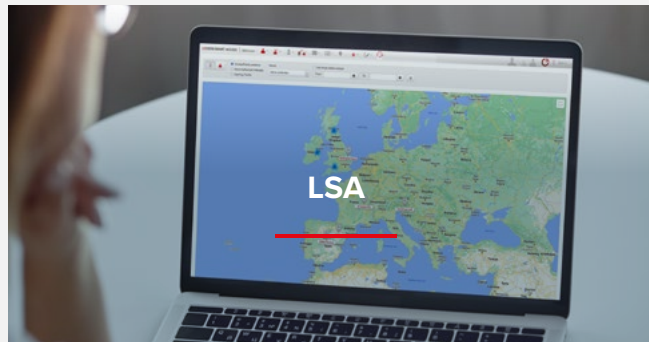
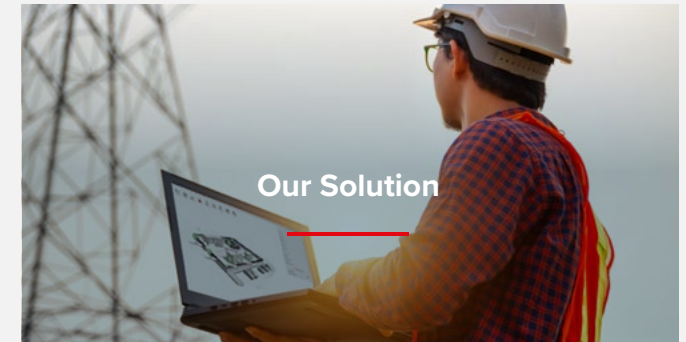
Electricity

E N G L I S H

ISEO[®]
ULTIMATE ACCESS TECHNOLOGIES



Electricity



Electricity

Electricity transmission and distribution are fundamental to modern life: they power homes, industries and services, supporting economic development, technological innovation and social welfare in a continuous and efficient manner.

In this sector, **securing critical infrastructure while maintaining operational efficiency presents an ongoing challenge**. It is essential to ensure that only authorised personnel can access substations, transformer stations, and other vital sites without causing bottlenecks or disrupting workflows. For this reason, electronic access management has evolved beyond a security measure to become a strategic imperative for risk mitigation, regulatory compliance, and workforce efficiency.

ISEO is a **hardware manufacturer, software developer, system integrator, and service provider** that maintains **full in-house control** over its solutions, offering an access management systems that integrates seamlessly into daily operations and interoperates with other corporate tools, such as worker certification platforms, Computerised Maintenance Management Systems (CMMS), and digital asset management solutions. These capabilities provide comprehensive visibility and control over site access, ensuring security, optimising workforce management, and facilitating regulatory compliance while preserving operational continuity.

ISEO response:

- Systemic approach
- Tailored solutions
- Customisable software
- Data-oriented approach
- Immaterial access rights
- Data collection and audit
- Value-added services

Do you need more information? Ask our experts.



Support



Driving innovation

Since 2003, we have been a trusted partner of leading electricity companies. Our deep integration into the core business processes of our customers has enabled us to continuously consolidate our expertise.

We improve our solutions by developing innovative hardware and services, adapting our organisation to meet the evolving needs and goals of our clients. Additionally, we ensure **compliance with new laws and regulations**, supporting seamless **operational processes**. As energy industry evolves, so do we – delivering excellence through innovation and collaboration.

Systemic approach

Our approach in the electricity segment is built on fostering **direct relationships with customers** and certified value-added resellers to ensure precise alignment with specific business needs.

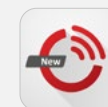
Operating in a project-based mode, we emphasise the development of long-term partnerships and the creation of tailor-made access management solutions, delivering unmatched value and flexibility to meet the unique challenges of the industry.





LSA

ISEO simplifies access management in utilities with LSA software. The **web-based multi-user software is customisable to each company's needs**, granting flexibility, straightforward updates, efficient collaboration and enhanced data security.



Our Solution

ISEO incorporates access control into a comprehensive approach designed to enhance security, optimise operational and safety management performance, and integrate with new value-added services.



HARDWARE

F9000 contactless mechatronic product range

ISEO's F9000 mechatronic product range, including the **F9000 key, cylinders, key boxes, and padlocks**, provides electricity substations with a **comprehensive digital access management solution** designed to improve operational efficiency, reduce maintenance costs, and enhance security across their sites.



SOFTWARE

LSA access management system

LSA is the ultimate access control system for the complete digitisation of access management in the electricity industry. A versatile **web-based software tailored for administrators and access managers** to streamline the configuration and operation of any access control system using ISEO technology.

MyLocken App for smartphone

With MyLocken App, the staff can manage access rights from their smartphones. The app synchronises with the mechatronic keys to deliver real-time and secure access management. In addition, MyLocken App enhances access control with an array of **services focusing on safety** (required safety instructions notifications, hazards reporting, site warnings), **security** (lone worker), **operational management and compliance** with customers' processes.



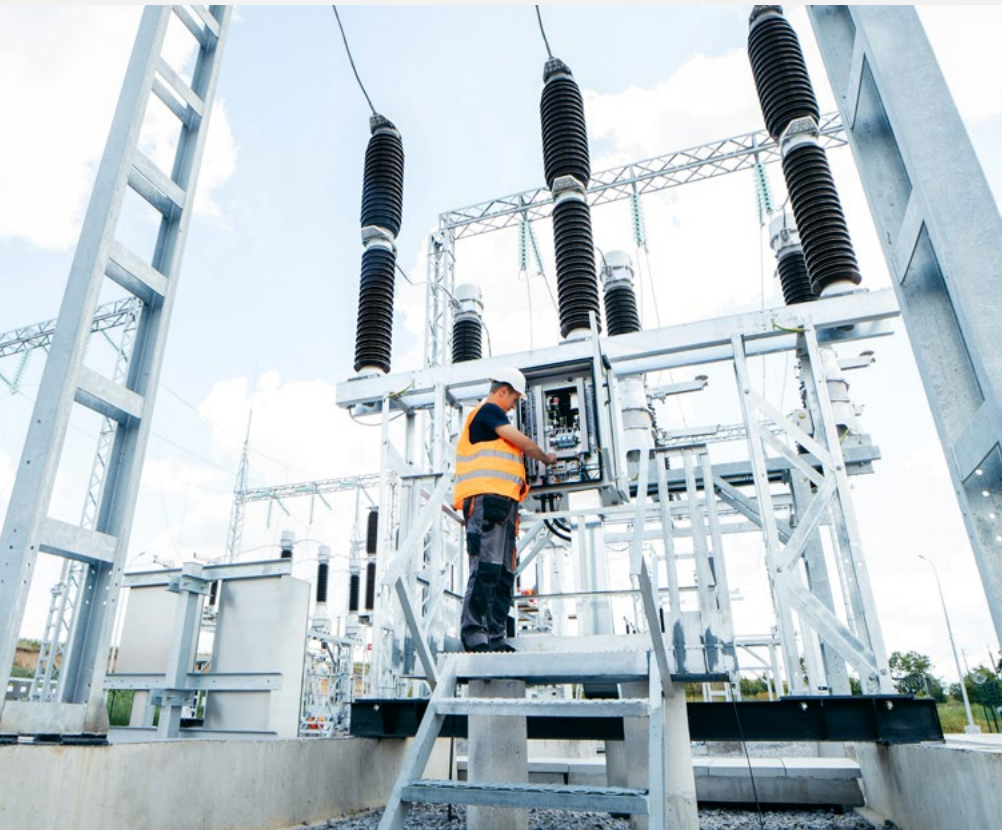
SERVICES

Value-added services

ISEO provides **comprehensive assistance across all project phases** (pre-sales, deployment and post-sales) and maintains full supply chain control, enabling it to meet each customer's specific needs through customisations and seamless integrations. Combining its strengths as a manufacturer, system integrator and service provider, ISEO leverages strong **production expertise and a consultative approach** to ensure **tailored solutions** that are easy to use and compatible with existing systems.

Benefits

For every professional involved in electricity site management, LSA access control system with F9000 mechatronic product range enhances security and safety, streamlines operations, and optimises efficiency. Our technology adapts to customer processes, reduces administrative effort, minimises access failures, and provides the tools needed for large-scale deployments, thanks to detailed reporting, cost reduction, and enhanced health and safety compliance.



Security and site management

COMPREHENSIVE MAINTENANCE-FREE SECURITY FOR SITES

LSA access control system with F9000 mechatronic product range offers **reliable, flexible and maintenance-free security** for electricity substations. Built to endure extreme conditions, the F9000 cylinders are certified to resist water, corrosion, and mechanical attacks, ensuring reliable protection with no cables required. Thanks to the inductive technology, the F9000 mechatronic keys facilitate information exchange with the cylinder, enabling **real-time access rights transmission**. The **LSA access control system further simplifies access management with a single key for multiple entry points**. Matched with the user-friendly MyLocken App, LSA web interface helps administrators to assign permissions and manage workflows. With advanced monitoring, detailed reporting, and full protection against security incidents, the LSA access control system with F9000 product range provides a customisable, cost-effective way to streamline site security management.

Health & Safety management

AUTOMATED SAFETY SOLUTION FOR SITE OPERATIONS

LSA is a scalable system that allows admins to efficiently **manage both access and safety workflows**, with customisable features to adapt to specific business needs. It streamlines automated processes, **ensuring digital safety and security protocols are maintained** throughout the infrastructure. MyLocken App further enhances the access management system, offering customisable automations such as **safety instructions notifications, hazard reporting, alerts, and compliance tracking**. ISEO delivers unmatched reliability, helping optimise safety, compliance, and efficiency across the entire infrastructure.

Operations management

BOOSTING THE OPERATIONAL EFFICIENCY AND EFFECTIVENESS

Streamline operations and reduce operational costs with the powerful combination of the LSA access control system and F9000 mechatronic product range.

The F9000 products eliminate the need for constant maintenance. Using induction technology, the cylinders, padlocks, and key boxes operate with **no power supply required**, ensuring long-lasting reliability and reducing ongoing maintenance and replacement costs. LSA's centralised platform simplifies access control and **automates workforce management**, reducing administrative overhead. With the MyLocken App, technicians manage access rights from their smartphones, along with work orders, avoiding delays and reducing downtime. Tailored to business workflows, our solution also integrates with existing industrial systems such as CMMS, SCADA, asset management, audit, or workforce tools.

Digital transformation

EMBRACING DIGITAL TRENDS FOR RELIABLE OPERATIONS

Our SaaS solution offers a flexible and scalable platform for managing site operations. With **proactive monitoring, disaster recovery, and continuous security updates**, we ensure that data is safeguarded against evolving threats. The Integrated Management System of ISEO is compliant with the **ISO 27001** standard, and our solution integrates flawlessly with AI-driven security services and big data tools, enabling efficient data processing and enhanced decision-making.



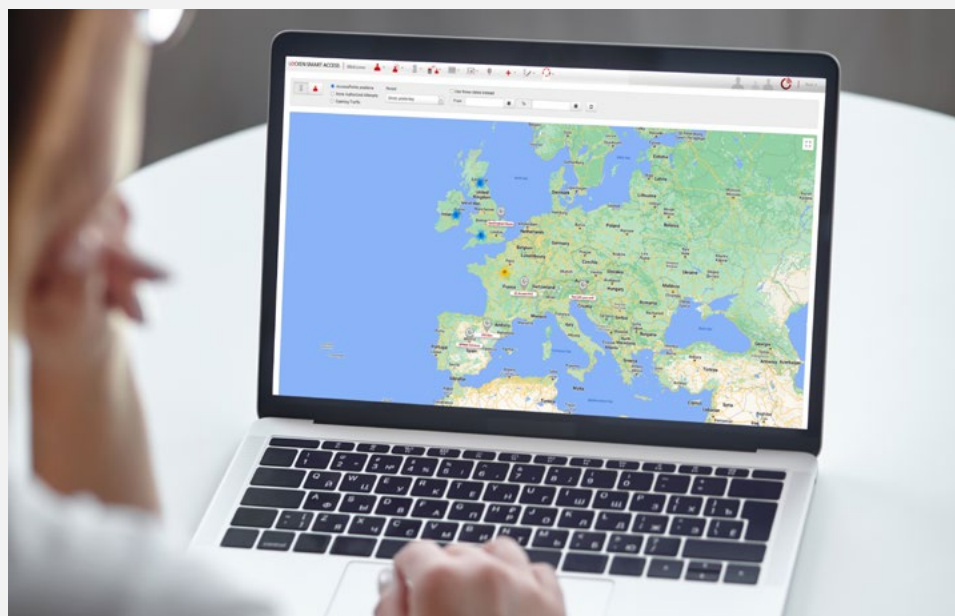
LSA

Enhanced operational and access management efficiency with LSA

LSA is a web-based multi-user customisable software that is used by administrators and access managers to configure and operate any access control system based on ISEO's 1RIS platform.

This new-generation software is aimed at **simplifying access management for all types of solution**, whether small, medium, large or complex systems.

With the ISEO F9000 ON keys and cylinders, you can easily manage your security systems through the LSA software – the heart of your solution. The LSA software is designed to help you streamline access management, improve security, and boost profitability, all while meeting the unique demands of your company. LSA can be **tailored to fit your specific requirements, whether in a SaaS model or as an in-house installation**. And with easy integration with third-party information systems, you can be sure your existing infrastructure works seamlessly with our solution.



The LSA software also provides intuitive features, like **real-time access requests and graphical displays of key data** (including maps, floor plans, and more), giving you complete control over your access points and user presence at any time.

With ISEO's expert support, this solution is fully customisable to the organisation's needs, ensuring that you get the most out of your system, today and as your needs evolve.

KEY BENEFITS

- **Save time**
automate routine tasks, so your team only needs to intervene when there's an exception
- **Increase efficiency**
easily integrate with your existing IT systems, cutting down on management time and cost
- **Adaptable**
tailor the software to meet your company's unique requirements – and as those needs evolve, LSA evolves with you
- **Simplify security**
manage multiple hardware types – whether standalone or integrated – through a single, unified system
- **Customisable licenses**
choose from software licenses with IT support and hosting or a subscription-based SaaS model to suit your budget and operational needs

MyLocken App

Maximise efficiency and real-time management

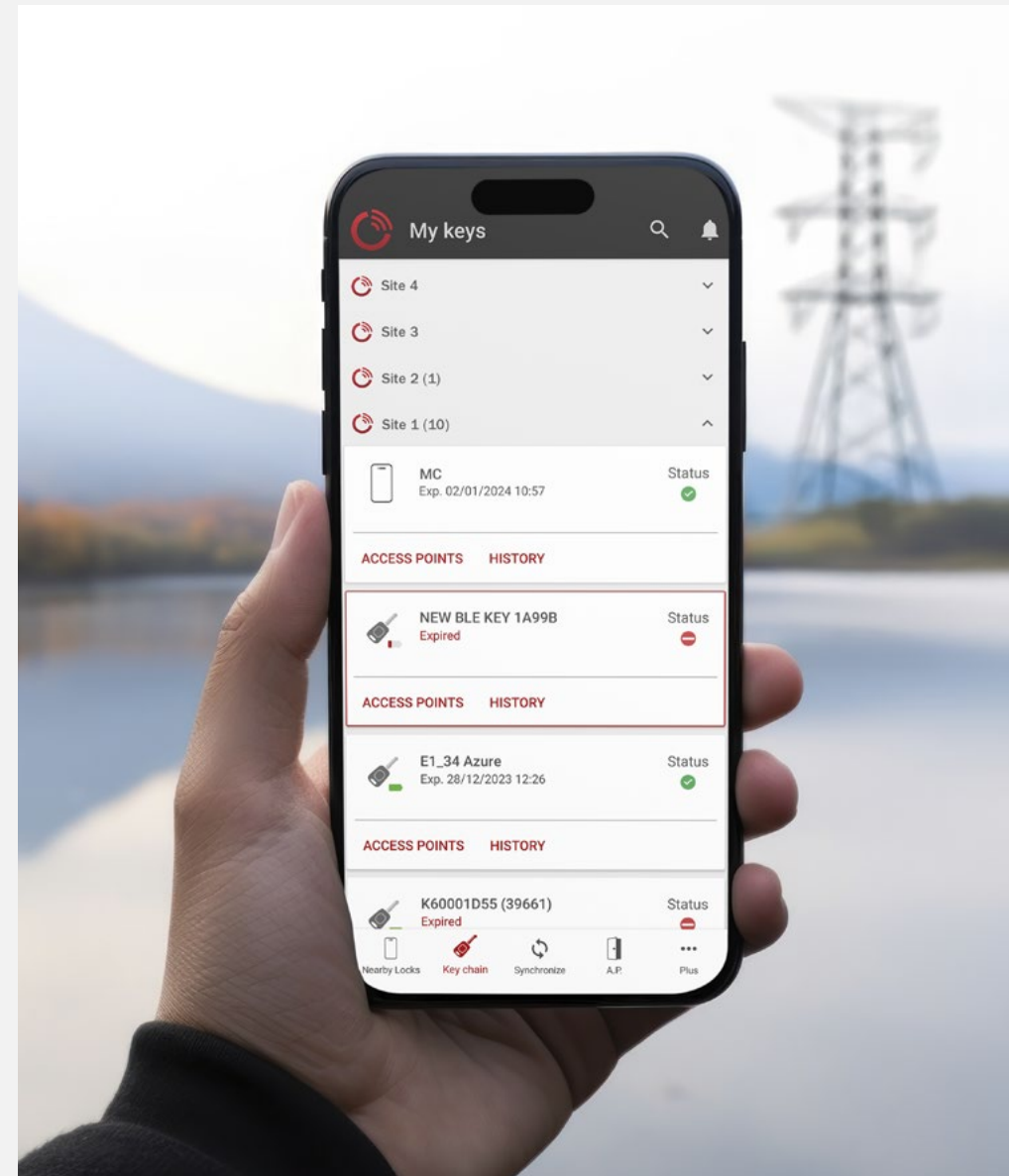
ISEO's MyLocken App leverages **cutting-edge Bluetooth® technology** to transform the way businesses manage access control in electricity sites.

Designed to offer real-time capabilities, MyLocken App enhances operations with a range of smart features:

- **Instant access rights updates**
modify access permissions in real time with a Bluetooth-enabled key, ensuring immediate changes without delays
- **Safety and risk management**
users have access to required safety instructions notifications, hazards reporting, site warnings
- **Unified access schedule management**
streamline the process by managing all access schedules in one place, making coordination simpler and more efficient

Thanks to advanced technologies like beacon and RFID, MyLocken App also allows to collect contextual data to gain deeper insights into operations, including:

- **On-site presence**
know exactly who is on site and when
- **Operation duration & authorisation**
track how long users are on-site and ensure they are properly authorised
- **Anomaly alerts**
stay ahead of potential issues with real-time anomaly notifications, helping you maintain security and operational efficiency



F9000



ISEO's F9000 mechatronic product range, including the F9000 key, cylinders, key boxes, and padlocks, provides electricity sites with a comprehensive digital access management solution designed to enhance security and safety, improve operational efficiency, and reduce maintenance costs across their sites.

KEY FEATURES AND BENEFITS

■ REMOTE, DIGITAL ACCESS MANAGEMENT

The F9000 Contactless Key is a virtual container of access rights. It uses Bluetooth® to **allow site administrators to remotely manage access via Smartphones**, providing access for technicians, workers, and subcontractors at multiple sites **without the need for physical key exchanges**. Access rights are granted or revoked digitally, improving operational efficiency and flexibility for teams working across various locations.

■ REDUCED MAINTENANCE COSTS

The F9000 products **eliminate the need for constant maintenance**. **Battery-free and contactless** (induction technology), the cylinders, padlocks, and key boxes operate with no power supply required, ensuring long-lasting reliability and reducing ongoing maintenance and replacement costs.

■ ENHANCED SECURITY & FULL TRACEABILITY

Each component of the F9000 product range is **equipped with unique, non-duplicable identifiers**, and **access events are logged in the system for full traceability**. In the case of security incident, it can be disabled remotely, ensuring immediate control over security without the need for physical intervention.

■ CERTIFIED SECURITY STANDARDS

The F9000 cylinders meet the **EN 15684:2020** certification, and the F9000 padlocks comply with **EN 16864:2017** standards, ensuring that electricity businesses are receiving high-quality, certified **products that adhere to the latest security regulations** for access control in electricity substations.

■ SCALABLE AND FLEXIBLE SOLUTION

The F9000 mechatronic system is **scalable, easily adaptable for electricity companies** managing a wide network of sites. Whether managing small or larger substations, **the system can grow accordingly**. Additionally, the optional Mifare chip adds RFID functionality, allowing for even greater access control flexibility.

■ INCREASED OPERATIONAL EFFICIENCY

By offering digital access rights and remote management, the F9000 system helps electricity companies optimise operations. Mobile workers receive **access authorisations in real time**, allowing them to **perform their tasks more efficiently and with less downtime**.

■ RELIABILITY IN HARSH ENVIRONMENTS

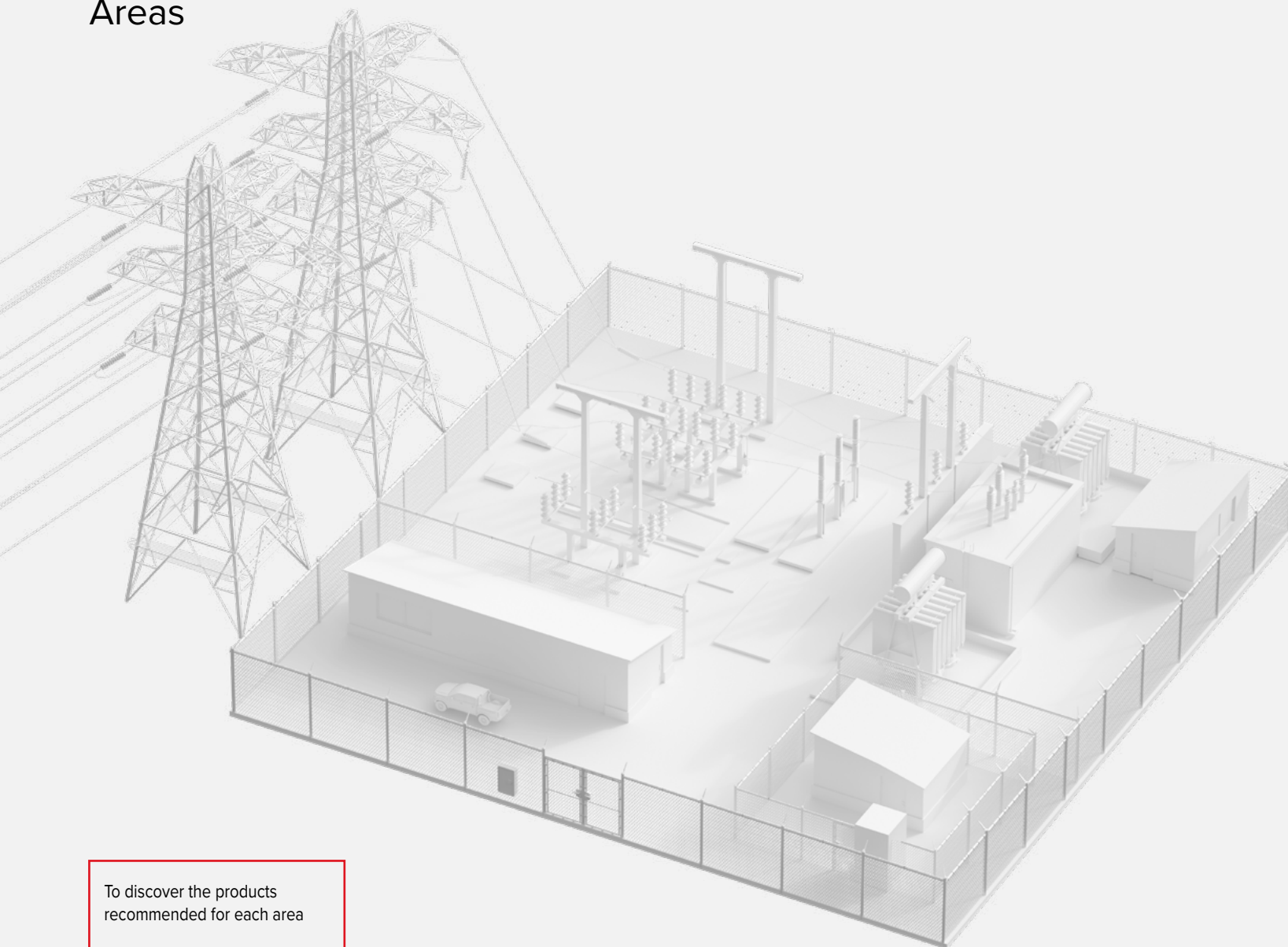
Designed to withstand the demanding conditions of remote stations, the F9000 mechatronic products are **resistant to moisture, dirt, and wear, ensuring reliable performance in even the most challenging environments**.

Services

ISEO provides **comprehensive assistance across all project phases** (pre-sales, deployment and post-sales), and maintains full supply chain control, enabling it to meet each customer's specific needs in complex and multisite contexts.


Combining its strengths as a manufacturer, system integrator and service provider, ISEO leverages strong production expertise and a consultative approach to ensure tailored solutions that are easy to use and compatible with existing systems.

Areas



To discover the products
recommended for each area

Electricity solution by areas

Click  to discover more

Success stories



Enedis is the French public electricity distribution company and operates the largest electricity distribution network in Europe. The company works to ensure a reliable, efficient and modern network by promoting more energy-efficient practices and public policies in favour of ecological transition. Enedis supports the development of new uses of electricity, such as connected objects, electric vehicles, renewable energy and self-consumption, thus contributing to a more efficient and sustainable network.



Stadtwerte Heidelberg supplies around 200,000 people in Heidelberg and the region with electricity, gas, water and heating, and also provides transport services such as buses and trains. The company offers many services related to energy saving and sustainability, committing itself to energy transition and supporting the city of Heidelberg in its climate protection plans, by taking numerous measures to achieve a climate neutral city.

Do you need more information? Ask our experts.





ISEO Serrature s.p.a.
Via San Girolamo, 13
25055 Pisogne BS, Italy
Tel. +39 0364 8821
iseo@iseo.com