

CASE STUDY

Focused on Safety and Compliance



Utilizing our Bluetooth Padlocks streamlines operations since each employee no longer requires a personal lock; everything can be managed digitally.



Experience improved safety and adherence to regulations with fully auditable systems from start to finish.



Boost your bottom line by minimizing downtime and optimizing workforce management.



smartlox

Get a personalized demo to learn how Smartlox can help make your processes safer and more efficient with digital locks.



hello@smartlox.io



www.smartlox.io



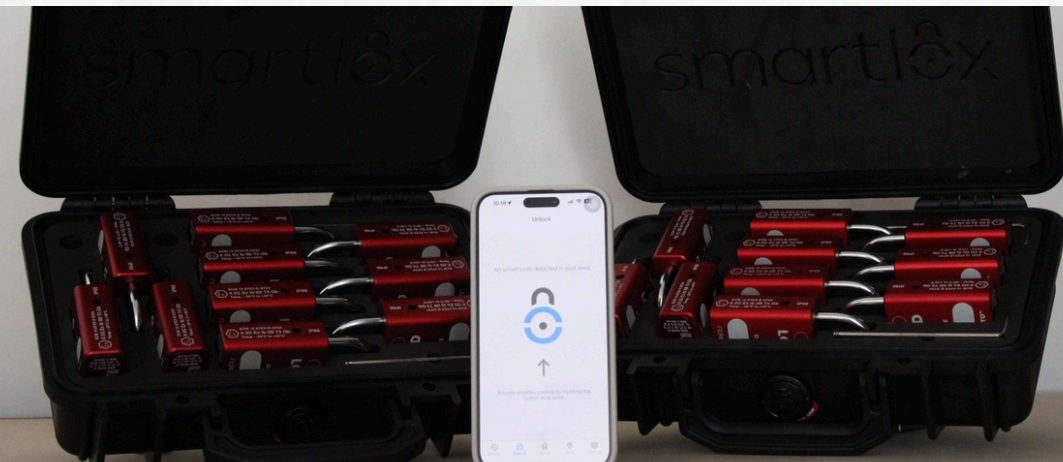
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Smartlox in the Mining Industry

Smartlox is changing how the mining industry handles Lockout-Tagout (LOTO) processes with our Bluetooth Padlocks.

Our solution provides a keyless, auditable system that enhances safety, compliance, and operational efficiency, ensuring seamless control of mining operations.



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Why Smartlox for Mining?

Superior Control

Bluetooth-enabled padlocks eliminates missing keys, copied keys, and uncontrolled access. Only authorized personnel can apply or remove locks, with permissions managed centrally.

Real-Time Monitoring & Remote Management

See every lock, every user, and every isolation in real time via Nyckel. Apply, release, and verify lockouts instantly – cutting delays, accelerating maintenance, and improving decision speed.

Integration Capabilities

Nyckel connects with existing maintenance, safety, and asset systems. Isolation data flows where it needs to – strengthening governance and reducing manual admin across your LOTO process.

Scalability & Flexibility

Start small or deploy across the entire operation. Smartlox manages thousands of locks, users, and work fronts without complexity – eliminating key control, reducing manual handling, and supporting large shutdowns without a single piece of paper.

Automated Logging & Reporting

Every isolation event is captured automatically – who locked, when, where, and under what authority. Generate reports in seconds, support investigations with confidence, and stay audit-ready at all times.

nyckel
by smartlox

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Key Uses for Mining Industry



Mobile Plant Lockout

Lockout mobile assets without hunting for keys, tags, or paperwork. Get instant visibility, and know the exact status of equipment. Clear custody, zero ambiguity, faster return to service.



Fixed Plant Isolation

Digitize isolation on critical processing machinery. Replace scattered padlocks and spreadsheets with remote control, role-based approvals, and a complete digital audit trail. Every isolation verified. Every action accountable. No shortcuts.



Shutdown & Turnarounds

Control complex isolation work across large a workforce from planning through execution. Standardized digital procedures remove guesswork, reduce coordination delays, and ensure compliance is baked into every step. One source of truth. Total traceability. Safer, faster, cleaner shutdowns.

Digital Locks + Nyckel App

Total Control

Durable Design:
Purpose built for harsh industrial environments - Aluminum body with a steel shackle.

Battery Life:
+2 years of regular use, and easily replaceable.

Temperature Rating:
Operates in extreme temperatures, from -20°C to 74°C (-4°F to 165°F).

IP67 and ATEX Certified:
Certified to the highest standards, with IP67 Ingress Protection and ATEX for hazardous environments.

