

iLOQ S50

Protecting the
telecoms infrastructure





Challenges

Challenges for telecom infrastructure managers:

- Many sites to be managed
- Remote locations
- Many users / technicians
- 3rd-party users
- Both planned and unplanned access needs
- Lack of information

Challenges with access management of physical keys:

- **Logistics:** travelling to collect and return keys, numerous keys in circulation
- **Operational costs:** key copying, replacing cylinders, access management for customer's technicians (customer = rent space in the tower)
- **Security:** uncontrolled key copying, no information about who has had access to the tower, inability to track misuse in cases of equipment theft

Challenges with battery-powered solutions

- Battery-powered keys: need to be periodically updated, maintenance related to changing batteries, cannot make quick changes to access rights in cases of urgent maintenance
- Battery-powered locks: very high operational costs to change batteries, high cost of adding cabling or power to the door, not environmentally friendly, lack of access if battery wears out, battery-powered solutions are unreliable in extreme weather conditions

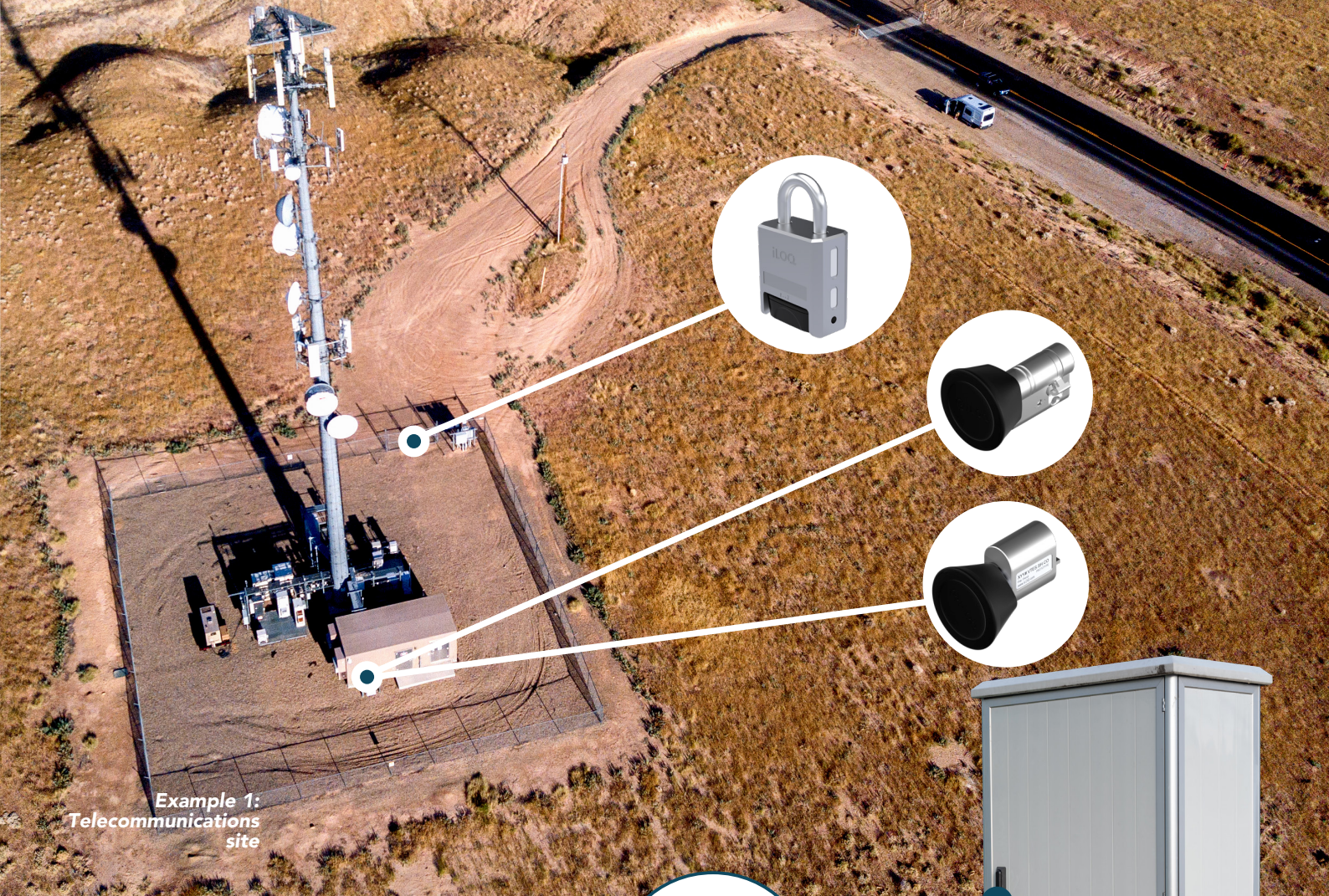
Solution

iLOQ S50 allows telecoms providers to focus on core business – managing and maintaining sites, not providing access to them.

iLOQ S50 mobile access sharing solution at a glance:

- Battery-free, keyless locking solution
- An NFC-enabled smartphone is the key and also the power source
- Access rights remotely granted to your mobile phone and updated in real time
- High security
- Reliable operation in all environment and weather conditions
- Real-time audit trail reports keep you updated on what's going on in the field





Example 1:
Telecommunications
site



Example 2:
Telecommunications
street cabinet

iLOQ S50 benefits in detail:

- **Fast ROI** (return on investment and low TCO (total cost of ownership) – no key handling; no costs for key copies/cylinder replacements; no battery-related maintenance of locks; tower companies can delegate access management to customer; no need to replace cylinders or rekey if keys lost or stolen
- **Lower OPEX** (operational expenditure) – consolidate numerous unmonitored sites hosting critical equipment and multiple access possibilities into one user-friendly, customized software platform
- **Operational efficiency** – create and update access rights for thousands of property locks in real-time and share them instantly and remotely
- **Maximized security** – No risk of key copying; instantly revoke access rights to lost, stolen or unreturned keys
- **Prevent misuse** – keep track of who has access to what areas and when with time-restricted access, real-time audit trails and access reports
- **Simplified operating logistics** – plan site maintenance/service work in advance and issue access rights accordingly
- **Reduced time, costs, and environmental impact** – no need for service engineers to travel between sites and administration offices to pick up and return keys
- **Integration and APIs** – integrate iLOQ with existing solutions

Product portfolio



Strong and sturdy family of padlocks:

- Typical uses: gates, cabinets and hatches
- Ingress protection rating: IP 68
- Designed for exposure to harsh environments and extreme climates
- Available in two versions: opening and closing with user credential/opening with and closing without user credential



Camlock:

- Typical uses: cabinets, key boxes, IT and distribution cabinets
- Standardized measurements – easy to retrofit



Europrofile half cylinder:

- Typical uses: rack cabinets, cabinet handles
- Ready-made solutions for various utility sector cabinets
- Water-resistant and dustproof
- Standardized measurements – easy to retrofit
- Special autolock version for cabinet handles
- Special version with adjustable latch for key switches and other special applications
- Knob and double cylinder available for standard door installations



Scandinavian Oval lock cylinder:

- Typical uses: standard door installations
- Standardized measurements - easy to retrofit



Key tube lock cylinder:

- Enables usage of iLOQ S50 in key safe applications where typically a third-party organization, like fire service or a telecommunication company, needs to have access to the premises/buildings using their own key
- The key to the premises is placed in wall-mounted key safe tubes, which organizations can open using their mobile phones as a key
- Support for different sizes and models of key tubes



Key Fob:

- For users without a compatible NFC-enabled smartphone
- The Key Fob supplies the required operating power to the lock over an NFC field