

iLOQ's digital locking solution for utility providers ensures modern society runs smoothly

A functioning and reliable utilities industry has traditionally meant that a huge number of locks need to be maintained, and keys are in constant circulation.



Telecom

The telecom towers market was valued at 4.82 million units in 2019 and is expected to reach 6.29 million by 2025¹.



Energy and Power

Power demand in Europe is projected to grow from 3,500 TWh in 2020 to 4,900 TWh by 2050 – an increase of 40%. This represents an average growth in electricity demand of 1.1% per year from 2020 to 2050².



Water

Driven by increased water needs in emerging markets, global water demand is expected to rise to about 6,350 cubic kilometers in 2030³.



Oil and Gas

Even with increasing public and government pressure regarding impact on climate and the environment, oil and gas will remain a multi-trillion-dollar market for decades given its role in supplying affordable energy⁴. More than four billion metric tons of oil is produced worldwide annually⁵ and a total growth of 12.2% in length is expected in the global oil and gas trunk pipelines industry by 2022⁶.

Other utility sectors: railways, harbors, airports, postal and logistics services, border patrol, etc.



Challenges:

- Security of premises compromised if keys are lost or stolen
- Simultaneously managing numerous sites (often in remote locations and harsh environments) and vast numbers of personnel
- Risk of equipment theft involving employees or 3rd-party sub-contractors
- Numerous mechanical keys issued over many years
- Difficulties to track who has access to what areas and for what times
- Inability to check amount of time sub-contractors are on site for billing purposes
- Time issues, costs and environmental impact



Solution:



iLOQ S50



Benefits:

- **Optimized safety** – keep track of who has access to what areas and when with time-restricted access, instant granting and revoking of access rights and real-time audit trail reports
- **Ease of use** – NFC-enabled smartphones (iOS and Android) replace physical, mechanical keys
- **Simplified operating logistics** – access rights for all property locks are managed and shared instantly and remotely
- **Minimized maintenance needs and costs** – battery-free solution
- **Organizational efficiency** – multiple sites consolidated into one user-friendly platform
- **Reduced time, costs and environmental impact** – no need for service engineers pick up and return keys

By taking out the hassle and difficulty related to physical keys, iLOQ has created a mobile access management solution that saves utilities, valuable time, money and resources. This leaves them free to focus on core business development, and providing a continuous, reliable service.