ProxTraq Lock Management Overview

ProxTraq is a cloud-based web portal and a mobile app (iOS and Android) that provides enterprise-wide access control management of the MicroIQProx locks.

- *The ProxTraq portal* enables remote security administration with audit and tracking capabilities. ProxTraq is available with a subscription to the AWS web hosting service.

- *The ProxTraq mobile app* has web access via cellular or WIFI connection and will update the MicroIQProx locks as needed. Features and functions available on the app will vary based on the role assigned to the user. The minimum version required by the app is Android 8.0 or iOS 12.

- *The MicroIQProx locks* are direct, wireless replacements of industry-standard case good locks and can be accessed with RFID cards/stickers/badges, smartphones, keypad codes, or fob. Employees/users can enroll their existing RFID badges for use with ProxTraq.

ProxTraq does *not* require a gateway server, gateway router, access point, ethernet, or internet wiring, or any network equipment for the management of the locks.

MicroIQProx Lock Installation

- Locks are wireless and installed in minutes.
- Locks are commissioned into the ProxTraq portal with the ProxTraq mobile app.
- Locks are assigned to storage units/case goods/lockers by name and/or number.
- Locks will operate in low-power mode for up to 3 years before requiring a battery change.
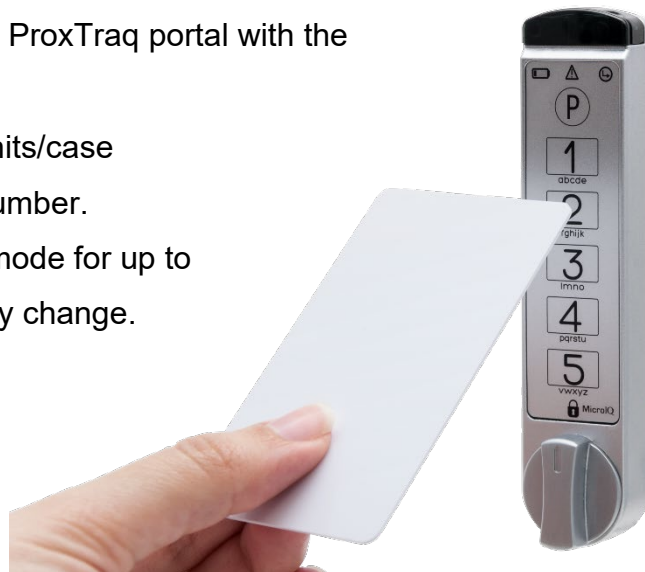
ProxTraq Portal Management

- Access to the portal is on the web and can be done remotely or on-site.
- The account administrator can set up as many organizations and sites as desired.
- Once an organization has been set up, members can be added. For each member added, a role is chosen for that individual. The role assignment will define a member's permissions within the site or organization.
- Members can also be grouped into teams; teams can be used to grant groups of people access to locks or lock groups.
- Members can be assigned to locks and or groups of locks.
- RFID cards/badges/stickers can be enrolled and assigned to members.
- Members can be granted smartphone access control of the locks
- Keypad codes can be set up and changed on the portal.
- Lock access parameters can be set
- Locks can be decommissioned
- Audit trails are available
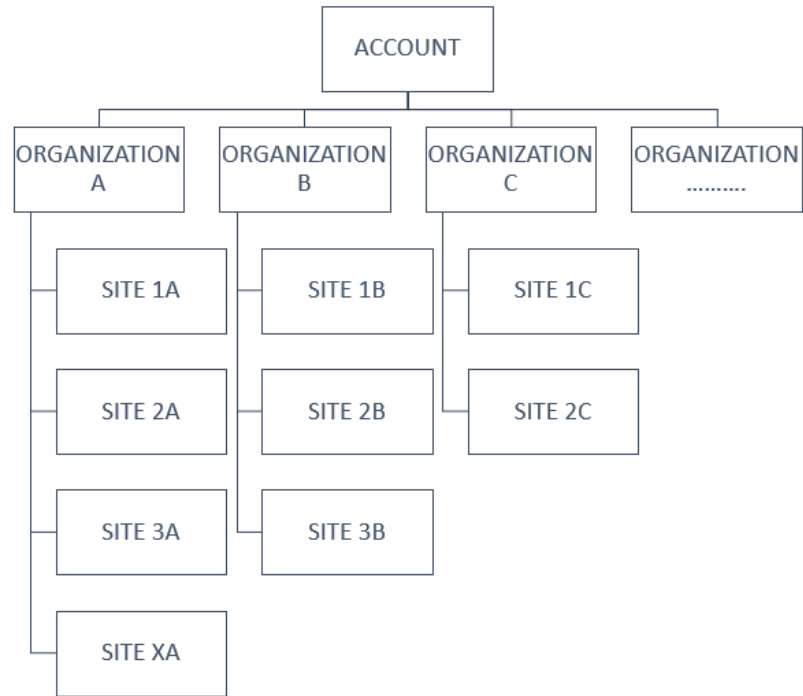
Access Credentials

The MicroIQProx locks can be accessed using any of the following credentials:

- *RFID / Prox cards* – All common RFID standards are compatible, and users' existing badges can be enrolled. Compatible standards include:

    - **125 kHz** (HID Prox and Prox II, HID Indala, AWID, Keri, Ving Card, COTAG, Io Prox, Honeywell, Alarm Lock, ELK, EM, Everfocus, Farpoint, IEI, Kantech, Paradox, Secura Key, Visonic, Best)
    - **13.56MHz** (ISO/IEC 14443A&B, 15693 standards include iClass, MIFARE, DESfire, Tagit, ICode)

- *Wireless/smartphone access* - with the ProxTraq app

- *Keypad codes* – which can be set up and managed via the portal or app

![TriTeq Lock and Security logo]

Lock Updating

- All locks are updated as needed by the ProxTraq mobile app (user assignments, access credentials, keypad code changes, etc.)

- Lock activity history is uploaded from the locks and transferred to the ProxTraq portal for viewing when the ProxTraq mobile app updates the lock.

- An API can be provided to handle the above-listed interactions with the lock through a customer-specific app.

Installer

INSTALL AND ENROLL LOCKS

Administrator

ENROLL USERS & CREDENTIALS

ASSIGN CREDENTIALS TO USERS

GROUP LOCKS OR USER TEAMS (OPTIONAL)

ASSIGN EMPLOYEES TO LOCKS (OR LOCK GROUPS)

ASSIGN LOCKS TO EMPLOYEES (OR TEAMS)

ProxTraq™
Credential Management

UPLOAD LOCK ACCESS RECORD HISTORY

MOBILE DEVICE RETRIEVES LOCK ACCESS HISTORY

MOBILE DEVICE UPDATES LOCK ASSIGNMENTS

- Security administration of enterprise from a single portal
- Remote enrollment of RFID credentials
- Assign access parameters for each lock, employee, group, and location
- Track activity and generate audit trails
- Mobile device updates locks