

ACCESSiQ

KNOWiO

Off-Grid Security & Access Control. Anywhere.

AccessIQ goes way beyond smart padlocks. Not only does AccessIQ always guarantee site access, but by combining constant padlock knowledge with the opening status we have created a unique and comprehensive off-grid security solution, that can be easily deployed, anywhere.



See 24/7 status of all devices in the app or portal



Set up smart alerts like padlock left open or gate not locked properly



Create critical alerts for scenarios like gate opened but padlock not open.



Self monitoring or Third Party ARC monitoring (Sentinel, Immix & Webeye CMS)



Generate unique passcodes from anywhere with algoPIN™ technology, guaranteeing access

Designed for compound gates, containers, cages, fuel bowzers, and more.

- Add, revoke & suspend user access
- Restrict app access to certain times
- Live status of all devices
- Configurable alerts
- Full Audit Trail

Knowio App

Web portal

- Bulk add/remove users
- Reporting functions
- Full Site configuration
- Global Device Management
- Generate Unique Passcodes

Smart Padlock

Gateway

BLE Contact Sensor

- IP68 with rechargeable 12 month battery
- Recharge in 45 mins, via USB-C
- Unlock via Knowio app or Unique Passcodes
- Boron steel shaft, CEN-3 rated

- IP67 with 3 month battery
- Link to mains power or keep alive with our solar panel
- Always-on IOT connectivity with a roaming sim card
- Daily pings, Tamper alerts, GPS Capabilities

- IP67 with 24 month battery
- 40m range (extendable to 80m)
- Tamper and polling with Gateway
- Motion, temperature & humidity functions



Bluefield deployed AccessIQ on one of the most difficult of all site - Solar Farms

- **Site access to be time-restricted**, with one-off access given out of hours via a Control Centre, which generate One Time Passcodes in real-time for authorised visitors
- Opening any padlock during morning hours, **automatically disarming** the Davantis monitored CCTV system
- **Real-time alerts** being sent to the Control Centre if any gates are left open after either 5 minutes of being opened, or after a specified time

Access IQ is utilized by **Ogilvie Homes** in various operations:

- Fuel bowser access via the Knowio app or unique passcodes to unlock padlocks, with **real-time notifications** sent to the site foreman if a padlock remains open for 10 minutes.
- High-value goods are stored in containers secured by padlocks and sensors, reducing, **reducing internal theft to nearly zero**
- Gas boilers in completed homes have sensors to **prevent theft**.
- Gates have padlocks for **easy CCTV arm and disarm**.



Cuboid rolled out AccessIQ on all remote container self storage sites, giving them the same level of control and security as they have on electric gated sites, for a fraction of the cost

- New customers are **added instantly** when onboarded and ex-customers have **access revoked immediately**.
- Site access has **restricted hours**, meaning customers can only access during opening hours
- **Gate sensors inform Cuboid's monitoring partner** if any gates are left open after a specified time, or are opened out of hours.
- **CCTV stays armed** until the first person in the morning opens the padlock

How Knowio AccessIQ outperforms alternatives

Feature/Capability	Key Padlocks	Combination Padlocks	Other Smart Padlocks	Knowio
How to open	✔ Physical key	✔ 1 Code	✔ App / Bluetooth / NFC	✔ Bluetooth or Passcode
Multiple Opening Methods	✘	✘	? System dependent	✔ App + Passcode
Easy to add/remove users	✘	✘	✔ System dependent	✔ Instant digital access/revoke
Auto-expiring access	✘	✘	? System dependent	✔ Built-in
Time restriction	✘	✘	? System dependent	✔ Full scheduling
App-free access	n/a	n/a	? System dependent	✔ Passcode access
Full audit trail	✘	✘	✔ System dependent	✔ Accessible on app & portal
24/7 Padlock status	✘	✘	✘	✔ Real-time via BLE gateway
Real-time open/close knowledge	✘	✘	✘	✔ Identity + Timestamp
Bespoke App Notifications	✘	✘	? System dependent	✔ Identity + Timestamp
Integrations with CCTV systems	✘	✘	✘	✔ Ajax, Hikvision, Dahua, Davantis, Ganz
Monitoring by 3rd-party ARCS	✘	✘	✘	✔ Sentinel and Immix
Opening status	✘	✘	✘	✔ Real-time sensor status

