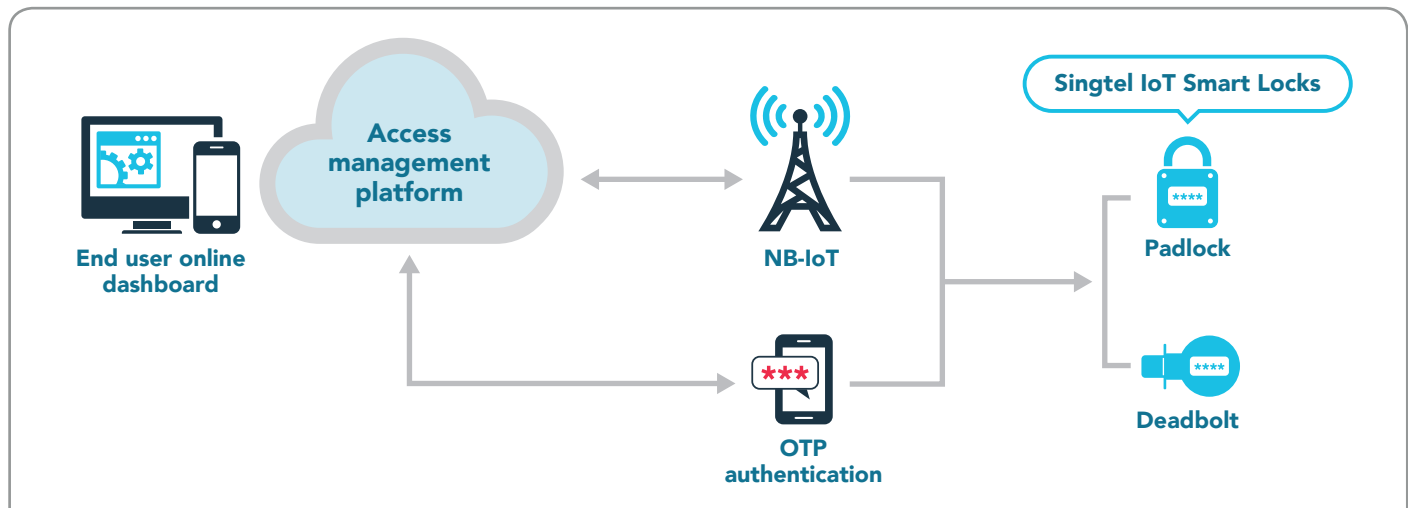


# Secure your assets with Singtel IoT Smart Locks.

**Singtel IoT Smart Locks** enhances the security of your assets with a robust 2-Factor-Authentication (2FA) log-in feature. Always connected on Singtel's NB-IoT cellular network, these enterprise-grade smart locks have a battery lifespan of up to 2 years<sup>^</sup>, and are easy to operate and maintain. It increases business productivity as opposed to using traditional locks which lack audit trail and are costly to operate and maintain when keys are misplaced. Singtel IoT Smart Locks are offered as a deadbolt or padlock.

## How it works

An admin logs into the access management platform to schedule access permission to registered users. The platform updates the connected smart lock with the new schedule and credentials via Singtel NB-IoT. The end user receives a one-time password (OTP) via SMS and enters it into the lock's keypad to unlock the asset.



## Features and benefits



### Convenient and simple

Keyless system eliminates the need to allocate resources in safekeeping of physical keys.



### Secure and reliable

Secure your assets with multi-factor authentication using AES256 encryption and hardware built to CEN rating grade 3 equivalent specifications.



### Streamlines workflow and improves productivity

Manage registered users, schedule lock access permissions and view past access history through the cloud-based access management portal.



### Real-time updates and user traceability

Monitor lock status and receive real-time updates and event alerts for traceability and quicker incident response time.



### Longer battery lifespan

Battery lifespan of up to 2 years<sup>^</sup> on NB-IoT connectivity.

<sup>^</sup> Estimated battery lifespan is based on an average of 5 unlocks per week for a padlock. Deadbolts have an average lifespan of 1 year. Battery lifespan may differ as it is dependent on the frequency of use and lock type.

## Comparison

| Features       | Conventional locks                                                                                      | Singtel IoT Smart Locks                                                                                             |
|----------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Connectivity   | Isolated and not connected                                                                              | Battery operated lock that consumes low power. Always connected onto Singtel's NB-IoT network.                      |
| Physical keys  | Yes                                                                                                     | No                                                                                                                  |
| Manageability  | Labour intensive and tedious to manage. Costly to operate and maintain when physical key are misplaced. | Robust online management portal enables real-time status monitoring, user access management and historical reports. |
| Security level | Low. No traceability and easily compromised through lock picking or key duplication.                    | Time-sensitive OTP allows issuing of temporary access pins to authorized users for lock access.                     |

## IoT Care

IoT Care is an enhanced suite of support services that comes with IoT Smart Locks. It provides:



### Hassle-free deployment

From installation to calibration, get assistance installing your IoT hardware and software onsite.



### 24/7 dedicated hotline support

Enjoy dedicated customer service round the clock to resolve or troubleshoot your IoT challenges. For more advanced issues, our team of specialists will respond within the next working day.



### End-to-end project management\*



A designated Project Manager handles all your large scale IoT deployments and maintenance so you never have to worry about coordination and meeting critical completion dates.



### Proactive monitoring\*

Combining predictive and real-time data analytics, our service management team will be alerted ahead of time when your IoT service may be disrupted. An appointment will be arranged to fix the issue before problems occur.

\*Coming soon

For more information  [www.singtel.com/iot](http://www.singtel.com/iot)  [g-iotmktg@singtel.com](mailto:g-iotmktg@singtel.com)  Contact your Account Manager

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October 2018