

igloohrme

for Infra- structure.

Remote Access Management for Large-scale Infrastructure



Contents

for Infrastructure.

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We have received
numerous **awards**
and recognition for
our innovation.

 **TechCrunch**



 **CHANNEL NEWSASIA**

 **TECHINASIA**

 **THE STRAITS TIMES.**



THE BUSINESS TIMES



**THE
HUFFINGTON
POST**

THE WALL STREET JOURNAL.

联合早报

 **SINGAPORE
HARDWARE
ZONE.com**

 **CES ASIA**



 **SiTF
AWARDS 2017**



global  **SOURCES**

 **nipa**
National IT Industry Promotion Agency

**“Coming out of
Southeast Asia with
a global presence.”**

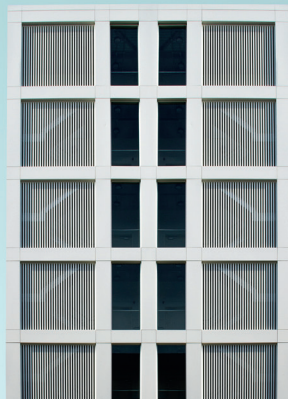
TechCrunch

awards

LOGISTICS, TRUCKING,
CARGO DELIVERY



BUILDING MANAGEMENT



UTILITIES, TELCO, PETROLEUM
INFRASTRUCTURE



We provide Remote Access Management for Large-scale Infrastructure.

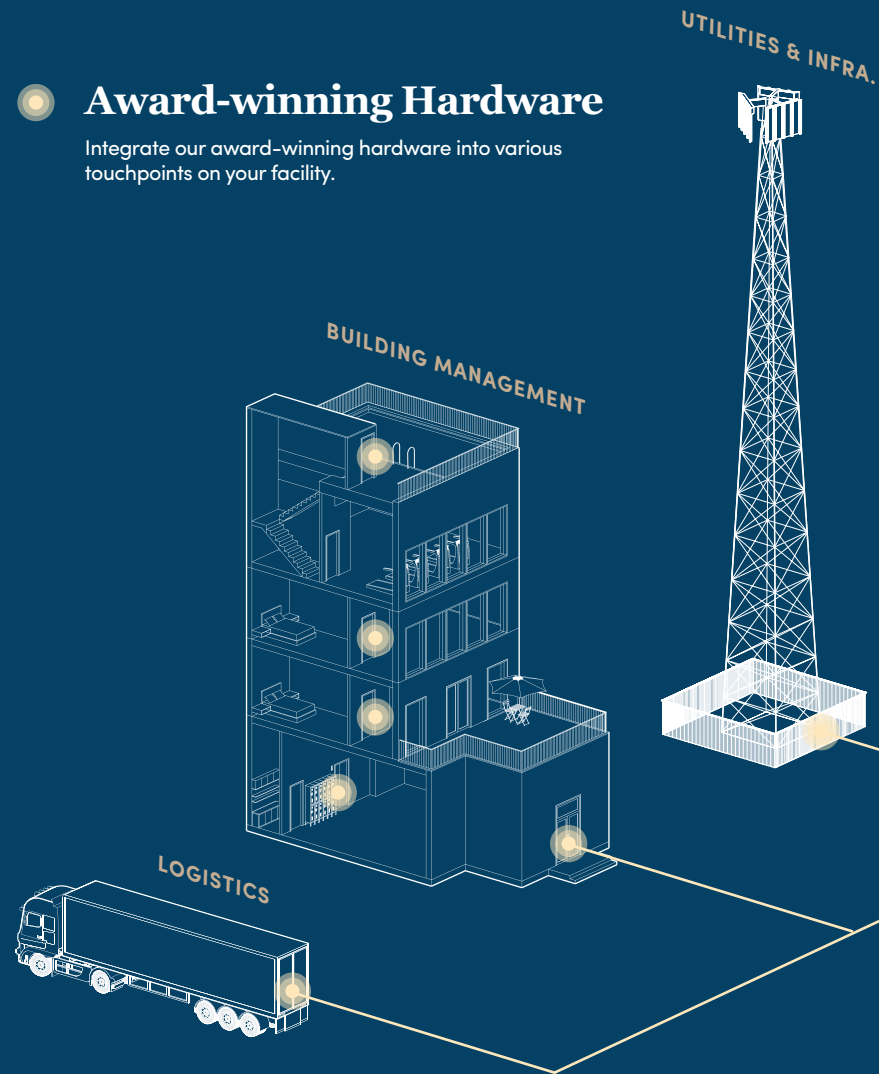
igloohome is your infrastructure custodian. We combine our award-winning smart locks with software platforms for large scale management of access in remote areas.

Designed to redefine access management, our solutions aim at improving efficiency, accountability and traceability. It is a comprehensive access management platform that's tailored to your industry's security needs.

From improving audit trails or monitoring real time access to facilities, igloohome devices allow you to take control of what matters most.

Award-winning Hardware

Integrate our award-winning hardware into various touchpoints on your facility.



igloohome Infrastructure Stack.

Protocols

NB-IoT
LTE-M1
Z-Wave
Bluetooth

Access Management Platform

Real time monitoring and alerts to help your organisation manage access across remote facilities on a large scale.

Our infrastructure stack
comes with **award-winning and
enterprise grade hardware.**



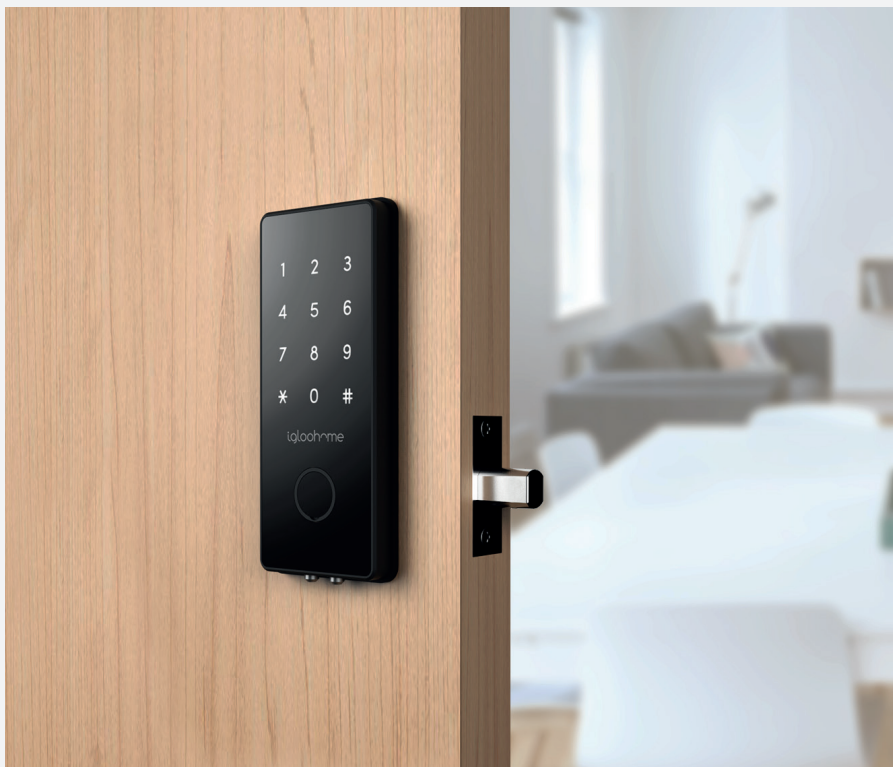
THE WALL STREET JOURNAL.



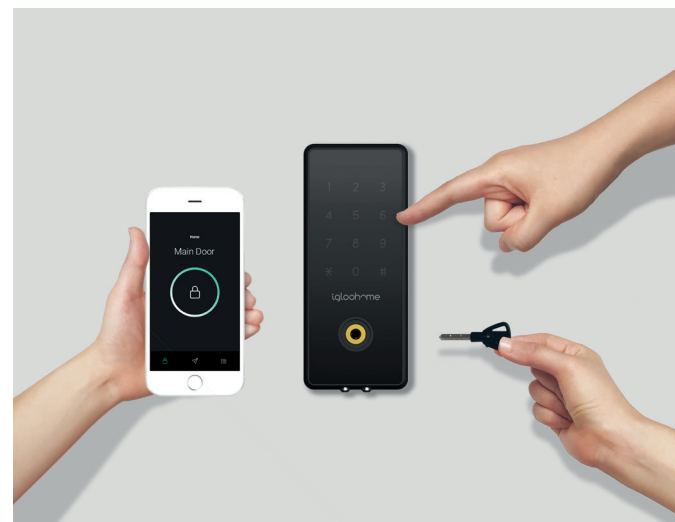
Deadbolt

Compact in size, the Deadbolt has more than enough features for securing doors in any facility. Its sleek exterior makes it a stylish addition to any property. This is style & substance.

With three modes of access, you'll be value-adding to any existing property. Use PIN codes, Bluetooth keys or physical backup keys to gain entry.



Features



SENSOR / TIMER RELOCK

The Deadbolt automatically relocks once the door is closed.



PRIVACY MODE

Activate Privacy Mode to prevent any entry from outside.



TAMPER ALARM

Keep important rooms and spaces secure with an added layer of



EMERGENCY JUMP-START

Use a 9V battery as an emergency power supply in case of drained batteries.



SECURITY LOCKOUT MODE

Keypad will be disabled after 5 incorrect PIN code attempts.



TIME-SENSITIVE ENTRY

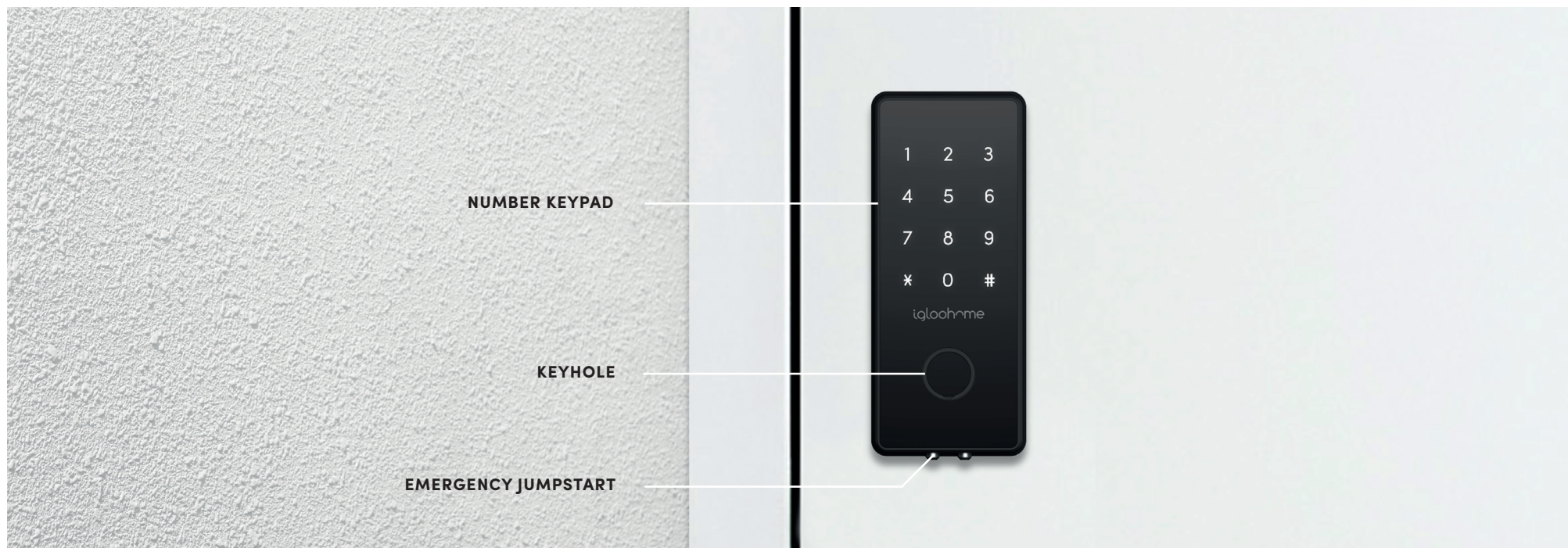
Customize validity periods of your PIN codes. Be assured that the property remains secure after your visitors leave.



DECOY SECURITY CODE

Heighten security with decoy digits before and after entering the PIN code to hide access PIN.

Specifications



Features

Access Methods (Entry)	PIN code, Bluetooth key, Physical key
Access Methods (Exit)	Thumbturn
PIN Types	Permanent, Duration, One-Time
Lockout Modes	Security Lockout Mode, Privacy Mode
Relock	Sensor / Timer Relock
Others	Tamper Alarm, Decoy Security Code

Communications

Bluetooth Type	Bluetooth Low Energy
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Power

Power Type	4 AA Alkaline Batteries (Lithium Batteries for low temperatures)
Emergency power	DC9V Alkaline Battery (not included)
Battery life	Up to 1 year

Environmental

Operation temperature	-20°C to 60°C
Storage temperature	-30°C to 70°C
IP Rating	IP65 (splash and dust resistant)

Others

Certifications	CE, FCC, IP65, ANSI Grade 2 deadbolt
Usage	Advised to be used at sheltered areas

Door Compatibility

Door Thickness	35mm to 60mm
Clearance from door edge	>110mm
Type of door	Wooden doors (right/left-hand compatible)

Dimensions

Outer body (W x H x T)	60 x 145 x 11 (mm)
Inner body (W x H x T)	65 x 160 x 30 (mm)

Weight

Net / Gross	1.28kg / 1.64kg
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Material

Body	Al, Zinc alloy, ABS
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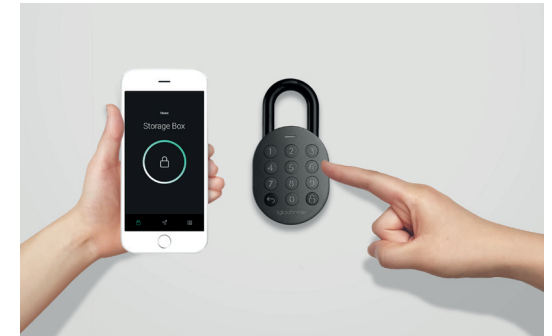
Padlock

The igloohome Smart Padlock strikes the perfect balance between security and convenience. Built with versatility in mind, it has a wide variety of use-cases from securing trucks to cell towers and other infrastructure facilities.

The Smart Padlock unlocks via PIN codes and Bluetooth keys. It is the ideal tool to secure high-value assets, with time-sensitive access options that provide greater control over user access.



Features



SECURITY LOCKOUT

Keypad will be disabled after several incorrect PIN code attempts.



WEATHER RESISTANT

Secure outdoor facilities or indoor assets. The Padlock is built to withstand wet and dry weather conditions.



MASKING SECURITY CODE

Heighten security with random digits before entering the PIN code to reduce risk of intruders.



QUICK UNLOCK

Save costs and manpower on issuing keys and the like. Users can press any button on the Padlock for quick and easy access when app is running in the background of their phone.



VOLUME CONTROL

Keypad volume can be adjusted.



QR ACCESS REQUEST

Greater accountability for access management. Approve and send Bluetooth keys to users only when they request for access.



AUTO RELOCK

Padlock automatically relocks once shackle is closed.



LOW BATTERY ALERT

Clear audio and visual alert for replacement of lock batteries to prevent disruptions.



EMERGENCY JUMPSTART

Use a 9V battery as an emergency power supply in case of drained batteries.



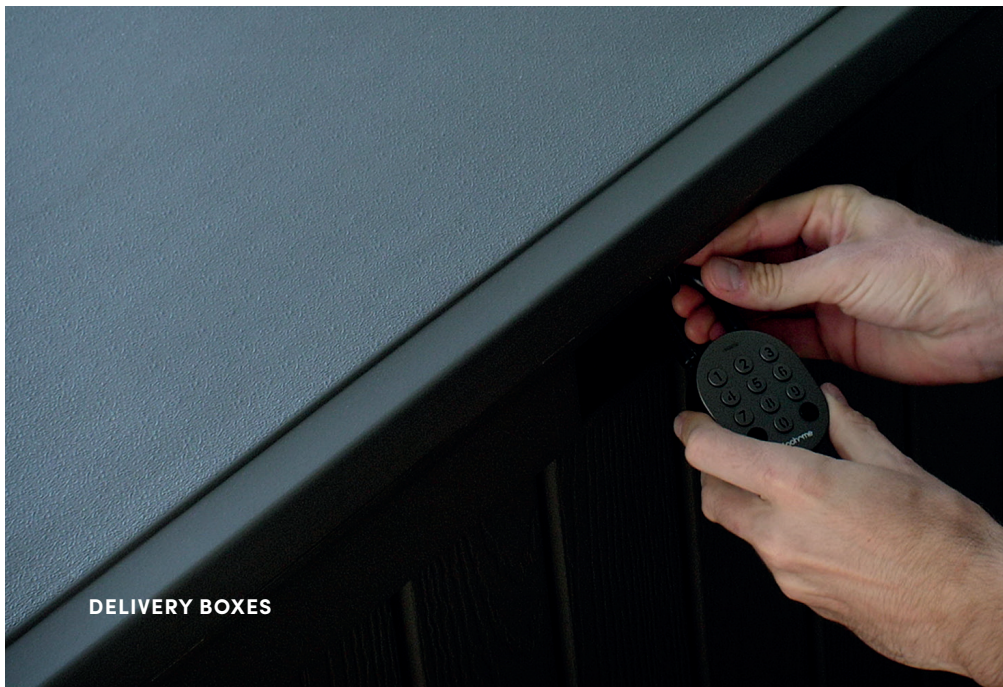
SECURE BATTERY COVER

Battery cover is only removable with a Torx security screwdriver to deter tampering attempts.



RELOCK REMINDER ALERT

The reminder alert prompts users to fasten the shackle.



DELIVERY BOXES

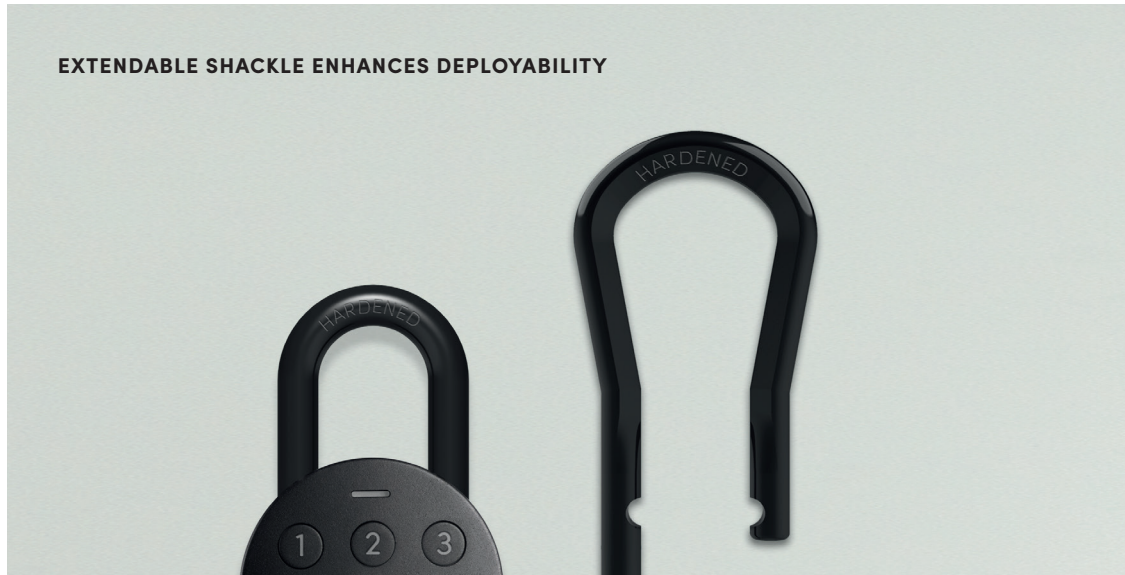


STORAGE SHEDS

Designed for
durability to keep
your assets secure.



WAREHOUSES



Specifications

Features	
Access modes	PIN code, Bluetooth key
PIN Types	Permanent, Duration, One-Time, Recurring
Communications	
Bluetooth Type	Bluetooth Low Energy
Power	
Power Type	CR2 Alkaline Battery
Emergency Power	DC9V Alkaline Battery (not included)
Battery life	Up to 1 year
Environmental	
Operation temperature	-25°C to 55°C
Storage temperature	-30°C to 65°C
IP Rating	IP66
Others	
Certifications	CE, FCC, IP66
Usage	No submerging in liquids.
Dimensions	
Body (W x H x T)	55 x 70 x 32 (mm)
Shackle - Inner (W x H x T)	26 x 24 x 9 (mm)
Material	
Body	Zinc alloy, ABS
Shackle	Hardened steel

Our Access Management Platform is crafted for ease of large-scale facility management.



REAL TIME MONITORING AND ALERT

Dashboard allows real time visibility of lock status, alerts as well as access records for audit trail.



USERS AND ROLES MANAGEMENT

Easily set user and roles permissions on the dashboard to enable different parties different access rights to the locks.



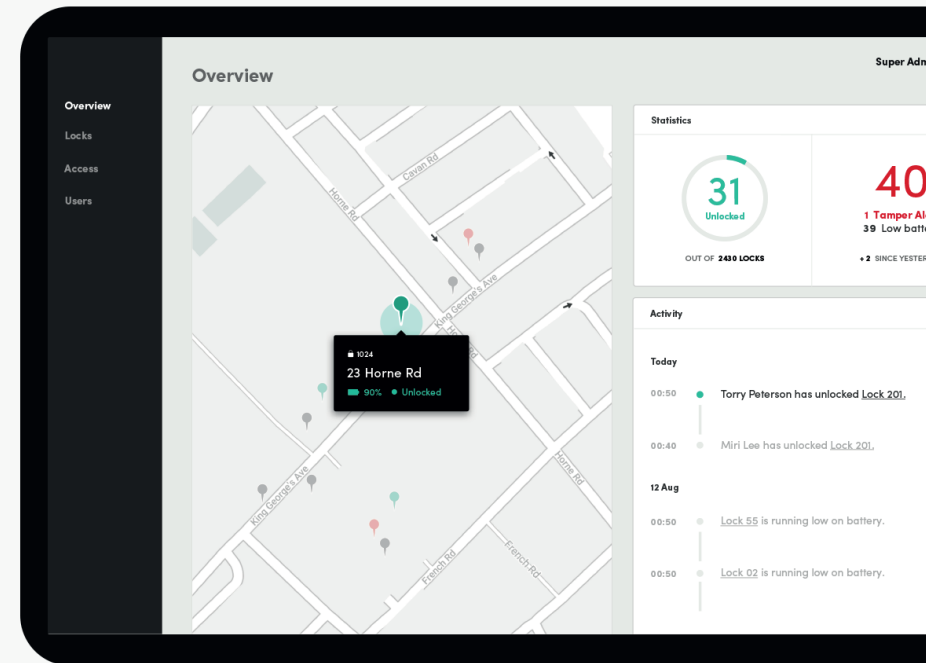
CUSTOMIZABLE SCHEDULING

Easily customize the scheduling, and set up multi-factor authentication to users for secure access.



ANALYTICS FOR EFFICIENCY

Measurable statistics provide deeper insights to improve resource management.



We support an array of communication protocols to suit your infrastructure needs.



NARROW BAND INTERNET OF THINGS

Low Power Wide Area Network (LPWAN) technology that connects devices on established mobile networks. It is secure, reliable, optimised for low power consumption and easy to deploy.



LTE M1

Cellular technology designed for applications targeting Internet of Things or machine-to-machine communication.



Z-WAVE

Mesh network using low-energy radio waves to communicate from one device to another for wireless control.



BLUETOOTH

Short-range wireless interconnection between electronic devices.

* For more information on our devices and protocols, email us at bd@igloohome.co

FIRST AUTHENTICATION

Operator enters his pre-determined staff PIN on the lock.

RECEIVES SECOND AUTHENTICATION

The lock contacts our secure database through the NB-IoT network to verify access. A One-Time password will be sent to the operator's pre-registered phone.

REAL TIME MONITORING AND ALERTS ON DASHBOARD

Padlock 051
23 Horne Rd
90% Unlocked

We customize smart access solutions for your need.

In addition to hardware customization, we provide API and SDK documentation for you to manage our devices using your application.

Talk to our business development team at
bd@igloohome.co.

**igloohome is a smart access
company based in Singapore
We help people manage
infrastructure, properties & homes
through innovative technologies.**

Our products have been sold in over
80 different countries and are trusted
by property developers, businesses &
homes worldwide.

Partners



Investors





igloohome.co