

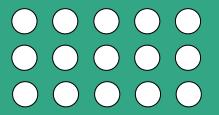


Omaya Workspace

Smarter Spaces with Asset & People
Tracking Seamless Management

More Information
www.synchroweb.com





Omaya Workspace Solutions

A Comprehensive IoT Solution

Omaya Workspace is inherently an IoT solution, seamlessly integrating Bluetooth and IoT technologies to deliver real-time tracking, monitoring, and management of people, assets, and environments.

Its modular architecture adapts to different use cases, offering both core solutions and enhanced capabilities with IoT sensors.



How Does it Works

Omaya Workspace utilize primary BLE technology to scan BLE tag that is attach to personal or asset.

Wireless sensors mount onto the equipment continuously stream location data to Omaya Workspace.



What Do We Offer?

Software/Built-in Platform



Omaya Workspace

IoT Gateways



MikroTik KNOT



Dusun IoT



Huawei & CISCO



Others

Hardware

BLE
Tags/Sensors



Features

Omaya Workspace is design specifically for Smart building, Healthcare, Airport and offices building.

Omaya Workspace to modernize, improve efficiency and safety



Asset/Goods Tracking



Staff Identification



Warehouse Management



Environmental Monitoring



Usage Level Detection



Room Occupancy

Add-on module

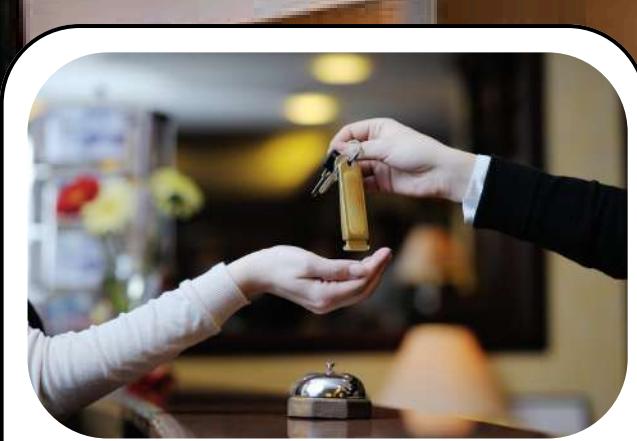
Visitor Management System (VMS)

Safeguard your staff, guests, and property with ease. The Omaya Workspace Visitor Management System simplifies the entire visitor check-in and check-out process.

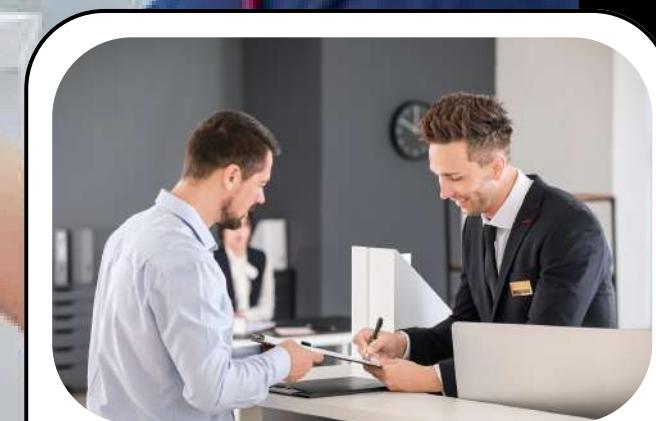
Our solution combines robust security with a warm, welcoming experience, ensuring visitors feel at ease the moment they step onto your premises.



Medical Health



Hospitality



Office Building

Bringing Network & Experiences Together

To turn your offices into smart workspaces



Hardware integrations



***Compatible with Other Hardware Manufacturers

Add on Module

Visitor Management System (VMS)

Facility Management

Others

Visitor Management System

Key Features



Improved Visitor Experience

Automated visitor registration streamlines the process, saving time and resources while enhancing operational efficiency.



Geofencing

Set the boundaries to monitor and control visitor movements within designated areas. (eg lift, turnstiles, rooms, level floor)



Blacklist Unwanted Visitors

Blacklist intruders to block future access and ensure your premises stay secure.



Enhanced Security

A Visitor Management System enhances control and monitoring, granting access only to authorized personnel in restricted areas.



Accurate Visitor Data

The system securely records real-time visitor information, minimizing manual errors and offering valuable insights into visitor trends.

Sample Application Solutions

Asset/Goods Tracking Solution

Track assets, personnel, and visitors both indoors and outdoors with BLE tags.



Warehouse Management

Optimize warehouse operations with BLE-enabled tracking for staff and assets.

Usage Level Detection

Integrate BLE and Time-of-Flight (ToF) range sensors for usage-level tracking in small devices. Eg: Hand-santizer, hand soap.

Occupancy Monitoring

Occupancy sensors offer the opportunity to detect occupancy levels in diverse zones of a building and to automate the processes there. (rooms, toilet, spaces)

Environmental Monitoring

Maintain optimal environmental conditions for sensitive products using BLE beacons.

Staff Identification

Easily manage staff and visitor information using unique BLE tags for real-time tracking and secure access.



Sample Applications

Healthcare

Real-Time Monitoring and Alerts

- Track staff and patient movements in real time, enhancing visibility within healthcare facilities.

Asset Tracking Management

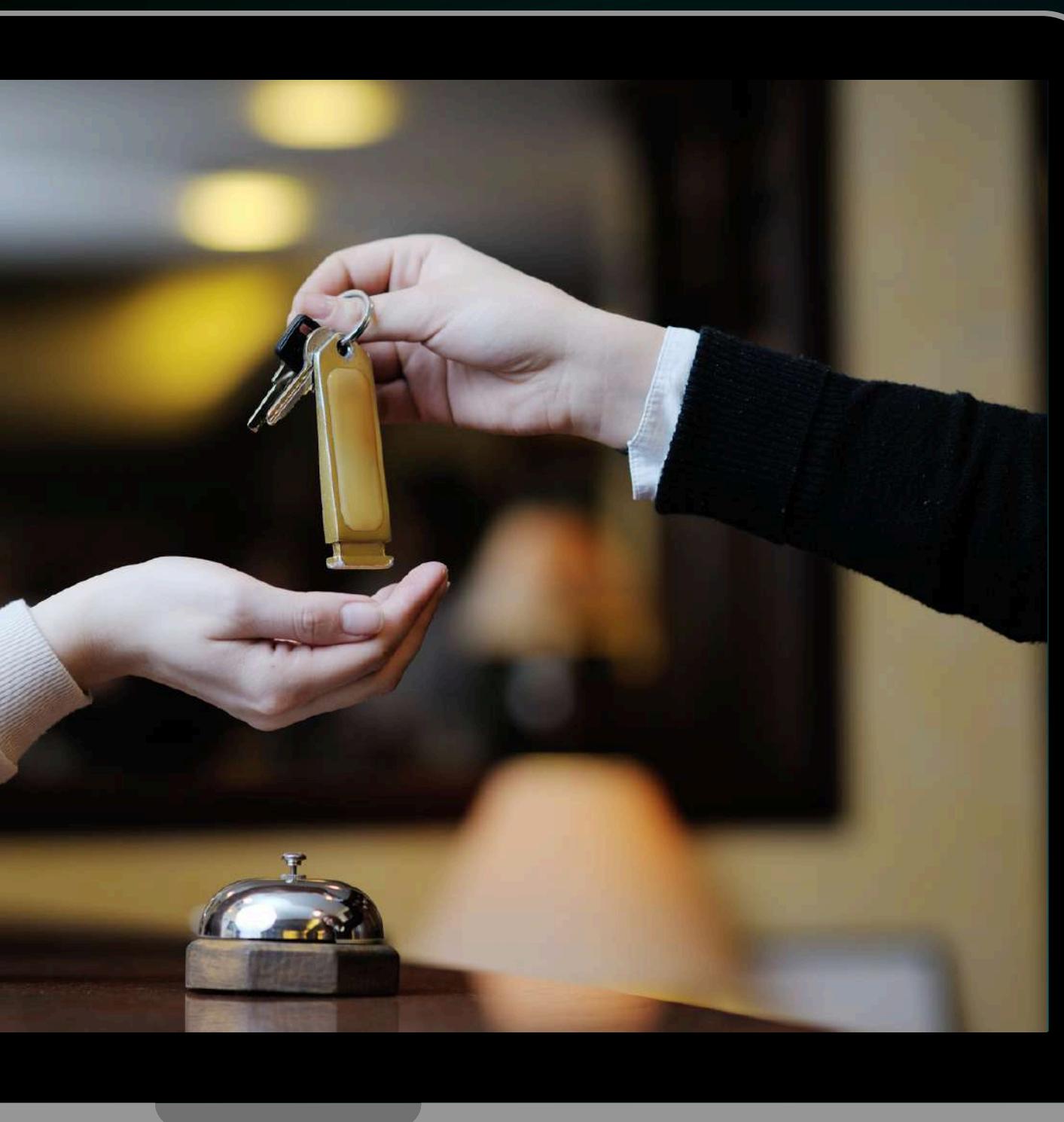
- Track essential medical assets like life-saving devices, diagnostic tools, and patient monitors.

Employee/Patient Profiles

- Easily manage staff and patient information with unique tags.

Visitor Management System

- Connects with access systems to limit visitor access to designated zones like wards, ICUs, or administrative areas, enhancing safety and privacy.



Sample Applications

Hospitality

Usage Level Detection

- Hotel management can provide immediate assistance to staff in distress, significantly reduce response times, and optimize safety protocols.

Room Occupancy

- Helps hotels efficiently assign rooms, with cleaning staff quickly identifying vacant rooms and front desk staff allocating rooms based on guest preferences.

Enhanced Security

- Hotel security can provide immediate assistance to staff in distress, significantly reduce response times, and optimize safety protocols.

Visitor Management System

- The system can set virtual boundaries around hotel premises, monitoring and ensuring that guests and staff remain within authorized zones.



Sample Applications

Smart Building

Asset Tracking Management

- Offer various tracking options to suit different scenarios, adapting to asset tracking solutions across diverse facility environments.

Environment Monitoring

- Enhancing comfort through temperature and humidity monitoring.

Room Occupancy

- Real-time monitoring helps manage room occupancy, ensuring spaces are efficiently used.

Energy Management

- Enabling efficient energy usage in buildings

Usage Level Detection

- Optimizing facility resources through smart monitoring

Sample Applications

Transportation



Vehicle Tracking

- Optimize routes, analyze fuel consumption, and improve delivery time estimations.

Goods & Assets Tracking

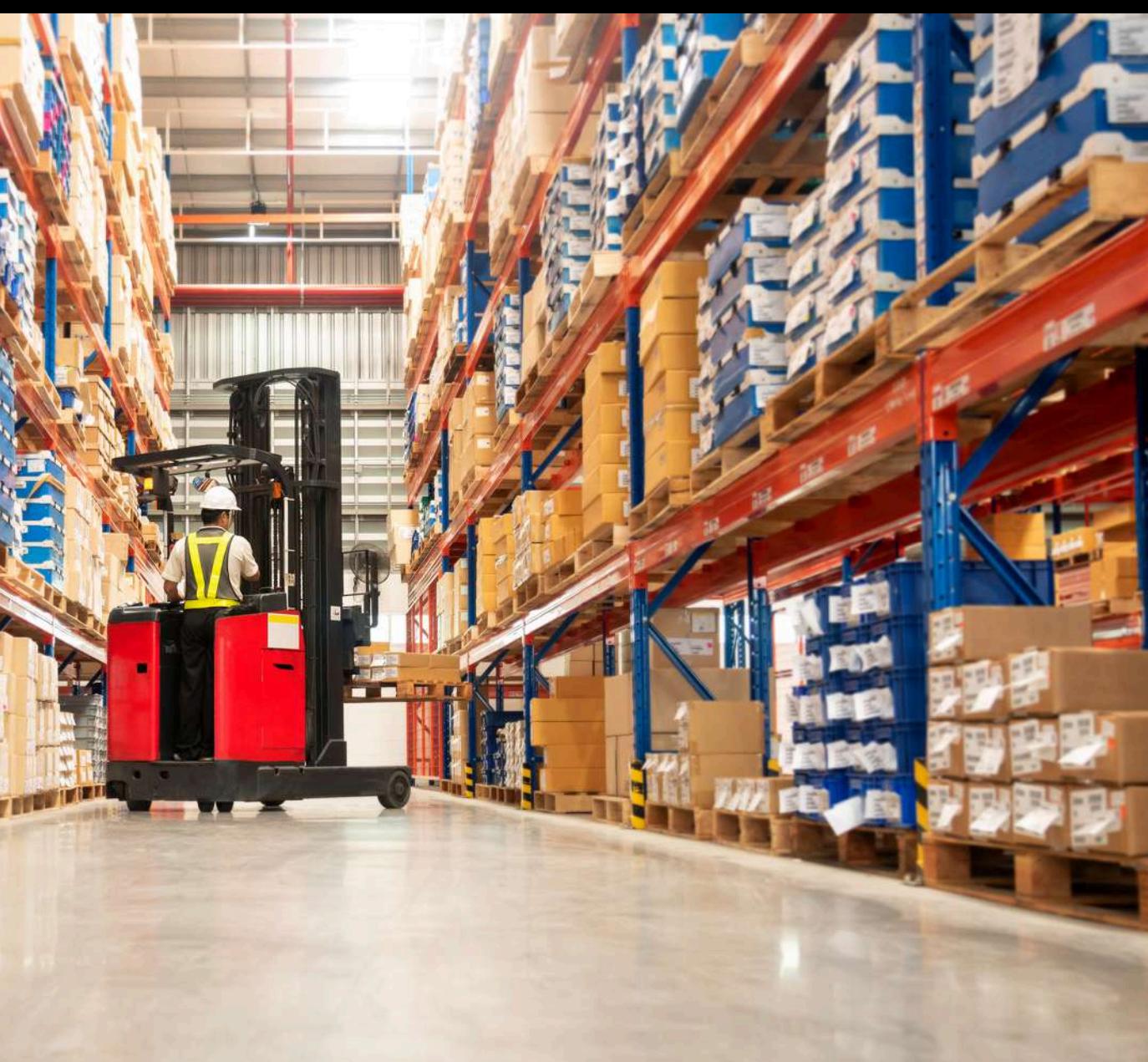
- Real-time tracking improves cargo visibility and enables quick responses to delays.

Cold Chain Monitoring

- Real-time temperature, humidity, and door data enable quick action to protect quality and ensure compliance.

Driver Safety & Identification

- Driver ID tags authenticate drivers, preventing unauthorized use, while emergency buttons let drivers quickly signal distress.



Sample Applications

Warehouse & Factory

Asset Management

- Optimizing inventory tracking and asset utilization.

Staff Protection

- Enhancing worker safety and emergency response.

Vehicle Tracking

- Enhancing comfort through temperature and humidity monitoring.

Energy Management

- Enabling efficient energy usage in buildings.

Asset Tracking Tag

Locate high-value assets the moment you need them. No more fear of asset theft.



Be returned with High ROI



Enhance theft preventing



Save time in searching assets



Evaluate the asset condition



Improve productivity monitoring



Factory/Warehouse



Office Building



Medical Health



Education



Retail Store



Logistics

Which Industries Need Asset Tracking Tag

Asset Tracking Tags



MOKO BT01

- Anti temper
- 150m
- 2 year battery
- IP65



MINEW MBS01

- Pallet/crate sensor
- IK08 shock proof
- 100m range
- IP65
- 3 year battery



MINEW MTB02

- Design for paper 2.1mm ultrathin
- 50m distance
- 6 month service life



MOKO M2

- 3 axis accelerometer
- 160 m distance
- 2 year battery
- IP65

Asset Tracking Tags



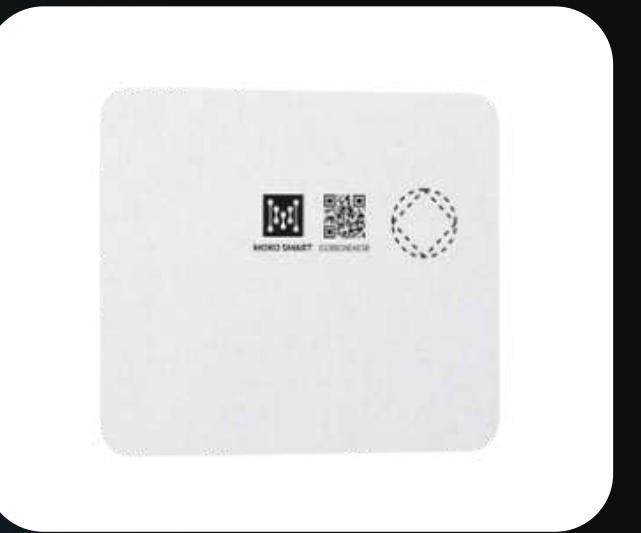
MOKO M3

- Industrial beacon
- IK09 shock proof
- IP67 + uv & dust resistant
- 100m range
- 20 year battery



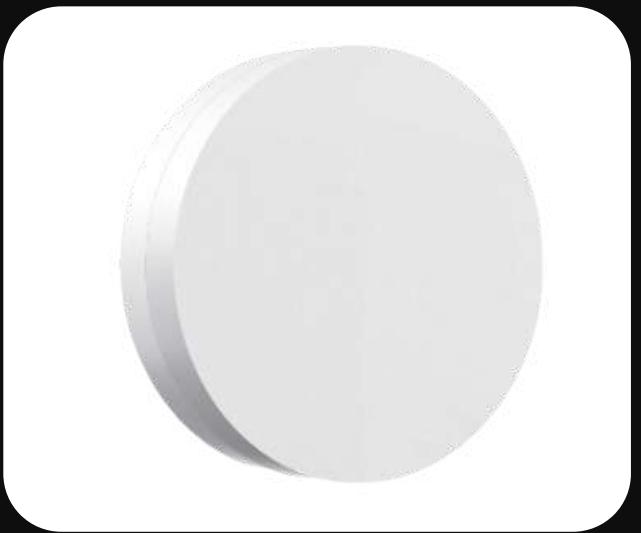
MOKO L02

- For location way finding
- IP67
- 4 year battery (CR2477)



MOKO UT1

- Design for paper 2.1mm ultrathin
- 50m
- 6 month service life
- Zinc eco-friendly battery



MOKO M1

- Coin-size (26mm & 5.4g)
- Replaceable battery
- Built-in motion sensor
- Flexible tracking mode

People Tracking Tag

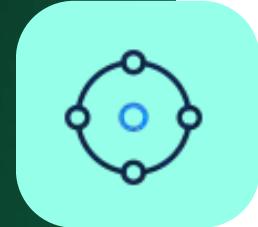
An Innovative Solution for Employee Safety or Personnel Management.



Improve Personnel Security



Enhance Medical Compliance



Shorten Rescue Time



Improve Navigation Experience



GEO-fencing Function



Improve Elderly & Kids Care



Factory/Warehouse



Office Building



Medical Health



Education



Hospitality



Logistics

Which Industries Need People Tracking Tag

People Tracking Tags



MINEW B10

- SOS Alarm
- Rechargeable
- Red dot design award
- Button + vibration
- IP66



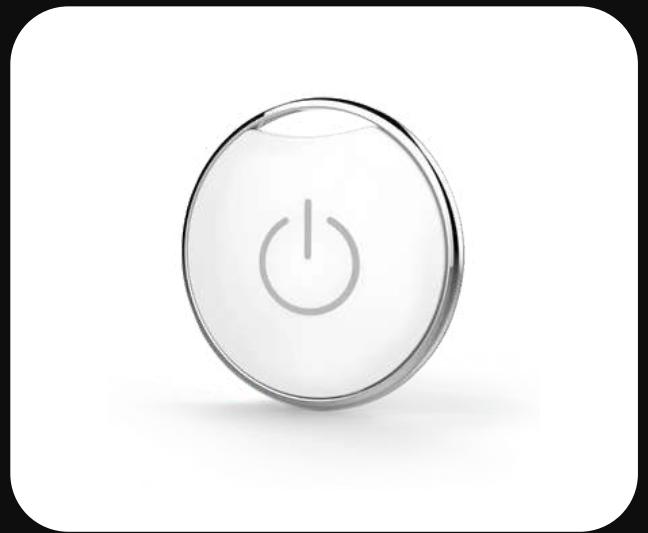
MOKO H5

- RFID
- 2 years battery
- Button + vibration
- IP66



MINEW MWC01

- RFID
- Rechargeable (8 month per charge)
- Button + vibration
- IP67
- Dust & Water resistant



MINEW D15N

- Keychain design
- Push button
- Max 70m distance
- Protective housing

People Tracking Tags



MINEW C6

- Lanyard design
- Replaceable battery
- Max 50 meters advertising distance.
- Bluetooth 5.0



MOKO H7

- IP67 waterproof
- Shockproof
- Resistance to high temperature
- Flame retardant



MINEW MWL01

- Keychain design
- push button
- High accuracy
- Replaceable battery



MINEW B7

- SOS Button
- IP67
- Replaceable coin battery
- NFC available

People Tracking Tags



MOKO H3 PRO

- Larger SOS Button
- Longer distance (150M)
- 4 year battery life
- IP66



MOKO H5 PRO

- Built-in RFID
- Long-life, replaceable battery
- Rubber button for SOS
- RFID/NFC



MOKO B2

- Staff duress and panic button
- Buzzer / LED notification
- Pull-out ID card slot
- RFID / NFC

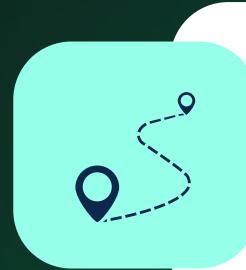


MINEW B6

- Disposable & Recyclable
- Waterproof & Dustproof
- App configuration available
- Bluetooth LE

Environment & Temperature

Paves the way for new indoor positioning
use cases and business models



Indoor
Navigation



Asset
Tracking



Emergency
Services



Proximity
Notifications



Crowd
Management



Patient
Monitoring



Factory/Warehouse



Office Building



Medical Health



Education



Retail Store



Hospitality

Which Industries Need Environment Monitoring

Environment & People Tracking



MOKO H4

- Temperature & humidity
- 0.3°C accuracy, IPX4
- 2+ years life replaceable battery
- 4000 T&H data log



MOKO S02R TOF

- TOF ranging
- Replaceable battery
- Up to 3 meter
- 10mm magnetic mounting resolution.
- 3 years battery



MINEW MSR01

- Human presence detection
- Use Miliwave radar technology
- 120 degree angle
- 99 percent accuracy.



MOKO S01P

- Smart lighting
- Up to 7 years' battery life
- Wide temperature range between -20°C to 60°C
- Occupancy detection

Benefits You Will Get

● Real-time Visibility

Get continuous visibility of assets and personnel as they move between indoor and outdoor environments.

● Enhanced Efficiency

Streamline operations and workflows with real-time location data. Quickly locate critical assets and resources.

● Data Collection

Offers detailed analytics and reports, enabling organizations to make data-driven decisions

● Reduced Labor

Automatically track assets and inventory without manual scanning or counting. Less time wasted searching for misplaced items.

● Informed Decision Making

Leverage accurate, real-time location analytics to optimize asset utilization, staffing, warehouse layouts and more.

● Improved Safety

Better locate and protect personnel working in remote outdoor areas and isolated indoor spaces. Enable geo-fencing alerts.

OUR SUCCESS STORIES

Project: WCT The Ascent Tower



The Ascent is a modern Class-A corporate office tower comprising 32 stories and has a total net lettable area of 520,000 sqft



Development of townships, luxury homes, high-rises, offices, hotels, and malls.



WCT has successfully implemented the Omaya Workspace platform to streamline visitor management and enhance security. By integrating the VMS with BLE technology, the facility has improved operational efficiency, visitor experience, and access control.

Solutions:

- Visitors can pre-register or self-register using the Omaya VMS platform.
- Manages visitor access to designated zones, ensuring better control.
- Access Control with Minew BLE Tags: Visitor tracking, turnstile and lift access for secure and easy movement.
- Dusun BLE Gateways act as scanners, collecting data for real-time tracking and monitoring.

Project: Pub's Johor Waterwork JRWW, JB.



The Public Utilities Board (PUB) was set up as a statutory board in 1963.



Supply of electricity, piped gas, and water for Singapore.



JRWW wanted to capture and track the movement of the staff or public visiting the building sites. They wanted to use the data to assess current and future operational needs. In order to achieve this, they approached Omaya Workspace.

Solutions:

- Each user entering the premise will be given lanyard tag which acts as a tracker.
- Realizing that many of their clients, needed more full-time awareness of assets locations and statuses.



Thank You

Get in touch!

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