



MineW Technologies

Innovator and manufacturer in IoT devices

2025
MineW Profile

Content

1

WHO WE ARE

03 - 10

About Minew
Minew Culture
Milestone
Core Team

2

WHAT WE DO

11 - 28

Product Categories

- Beacon
 - Location Beacon
 - Personnel Tag
 - Asset Tag
 - Sensor
 - IoT Gateway
 - Tracker
 - Repeater
 - Starter Kit
 - LoRaWAN® Portfolio
 - Multi-Technology IoT Integration Framework
 - Typical Usage Scenarios
 - Connectivity Module
 - Electronic Shelf Label
- Customization Service
-

3

WHY MINEW

29 - 32

R&D Capabilities
Laboratory
Manufacturing

4

PARTNER WITH US

33 - 34

Minew Partner Program
Global Partners

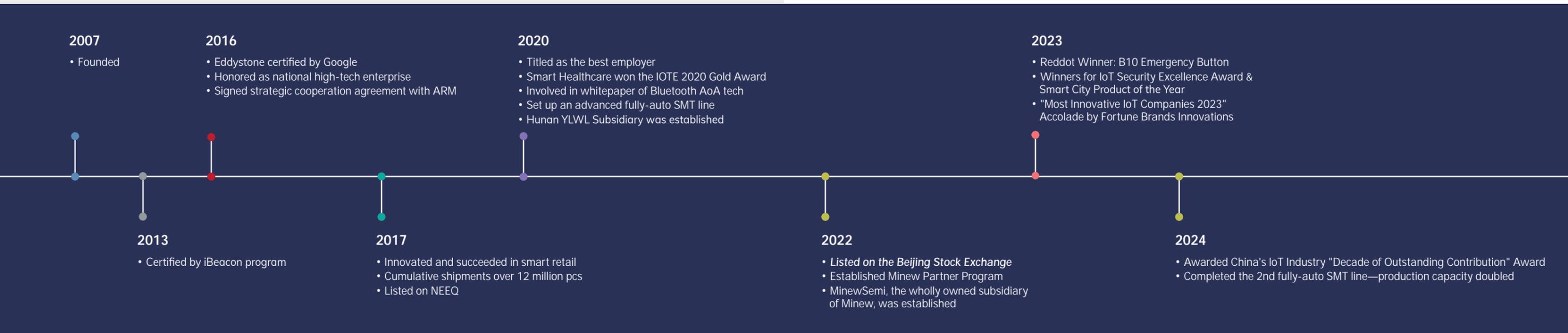
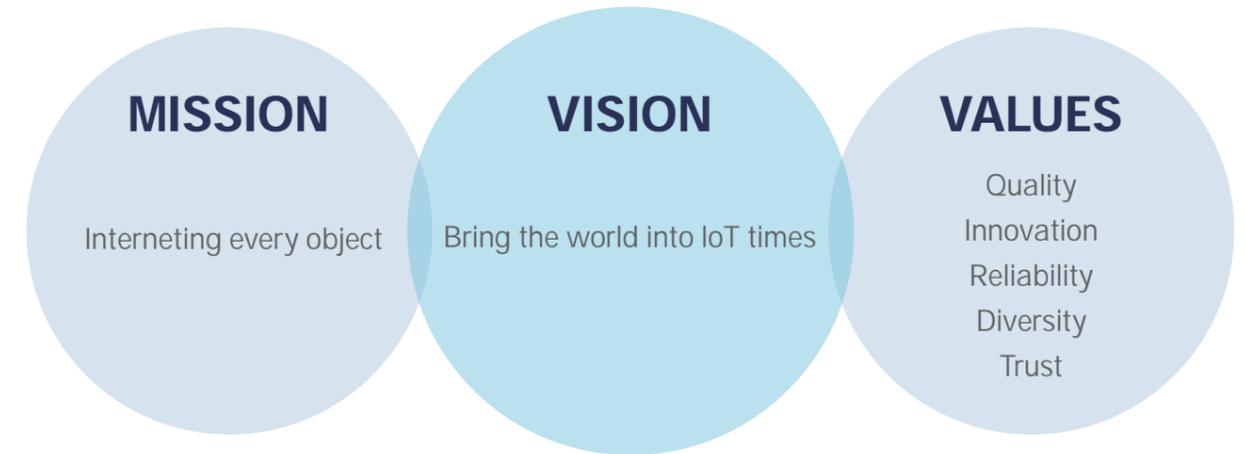
Who We Are

Minew (stock code: 872374) is a trusted wireless technology innovator and a reliable IoT device manufacturer founded in 2007. We offer OEM, ODM and JDM end-to-end white label services, specializing in Bluetooth, LoRaWAN, cellular (LTE, NB-IoT, 4G/5G), Wi-Fi, Ethernet, UWB, GNSS and satellite communication technology.

We help businesses boost real-time visibility, automate workflows, and make smarter decisions—whether reducing asset loss, enabling environmental monitoring, improving efficiency, or optimizing workplace safety. Together, we turn data into actionable intelligence that drives growth.

Minew

Innovator and manufacturer in IoT devices



What Our Customers Are Saying

“ I want to tell you that most of API has been integrated with our POS. Thank you so much for your great service! ”
—from Endre, an American customer

“ Minew is outstanding in every way. Your customer service and attention to detail are vital to the success of your business! ”
—from Noah, a German customer

ORGANIZATION CHART



* North American and European offices plan to open soon



Meet Our Team

We are a team of ordinary people, doing extraordinary things. We're a motivated and passionate team innovating in the IoT era, striving to help human live, work and run business better and easier. Choose us, build today for change tomorrow.

R&D Team



Yan Zhuang
Chairman

We are the ones never cease to innovate, with our vision of interneting every object.



Johnson Zhang
GM, Co-founder
johnson.zhang@minew.com



Dragon Long
MinewSemi GM, Co-founder
dragon.long@minew.com

Living in a world of connection, Minew is the pioneer of wireless industry, sticking to great service albeit unknowns and challenges.



Shain Xiao

Head of Hardware

Shain directs and oversees all aspects of hardware engineering projects to create high-quality hardware products.



Craig Xiao

Head of Software

Accountable for all software application systems of Minew, Renjie provides leadership, management and technical vision to entire team.



Hao Li

Head of Mobile Application

Hao manages a team of developers responsible for mobile applications development and design.



Yancy Lin

Head of Linux System

With outstanding R&D expertise, he leads the development of products based on Linux System.

Minew family

A perfect blend and best people formula of creativity and technical wizardry. We push the boundaries of science to deliver life-changing products and services, by the family members of innovation, passion, energy and experience.

Be Bold:
be proactive, make decisions, take responsibility, try new things.

Be Curious:
ask questions, do some research, learn new techniques, study our clients and their industries.

Be Together:
play an active role in the team, support your colleagues, collaborate, have fun.

Be Connected:
meet people, make contacts, build relationships, see the bigger picture.

Be Better:
look for ways to improve, challenge yourself, never stop learning, strive to be the best.



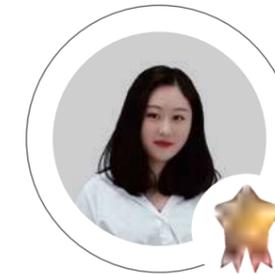
We are tasked with everything from building our brand awareness of Minew in a positive light, promoting products or services, and providing customer service and engagement in public.



Eason Huang

Product Manager, LBS Dept.
eason.huang@minew.com

Patient and proficient, Eason is responsible for the development of location-based products for Minew.



Emma He

Sales Director, LBS Dept.
emma.he@minew.com

Leading global business with extensive experience, Emma is the backbone in LBS Department.



Shirley Li

Vice Sales Director, LBS Dept.
shirley.li@minew.com

Motivated and guided team members to reach weekly goals while promoting effective customer service.



Glen Yang

Vice Sales Director, LBS Dept.
glen.yang@minew.com

Manage projects and accounts, with fully insights on IoT wireless hardware.



Allison Lin

Business Development, ESL Dept.
allison.lin@minew.com

Allison specializes in determining plans, analyzing ESL trends and results.



Eddie Wang

Key Account, IoT Module Dept.
eddie.wang@minew.com

Leader of the group, Eddie has well exploration and insight of BLE module.

Product Categories

Hardware as a service.
See what Minew has for your advanced solutions.



See All Minew Smart IoT Hardwares



IoT Developer Starter Kits

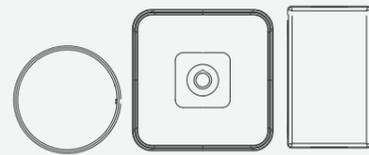
- Bluetooth@5.1 AoA Indoor Positioning
- Cloud-configurable BLE iBeacon
- Office and Work Place - MOS
- Hospital and Healthcare - MHS
- Warehouse and Factory - MWS
- Museum and Art Gallery - MVS



For More Information

Bluetooth® Beacon

- Explosion-proof certification
- 5-10 years maintenance-free
- Excellent RF performance
- Long service life and high protection



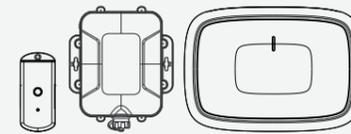
Personnel Tag

- Wearable in multiple ways
- Magnetic charging & recyclable
- Strong scalability & support secondary development



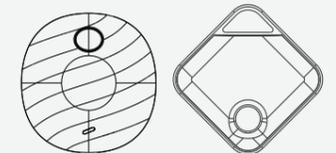
IoT Gateway

- Support enterprise-grade encryption
- Off-network storage
- Ethernet / WiFi / 4G
- Bluetooth high concurrency & intercommunication



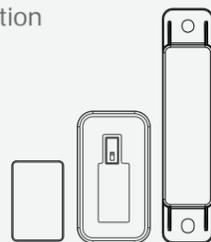
Bluetooth® Tracker

- Work with Apple Find-my
- Lost mode & location & buzzer
- Packed with GNSS, LTE, WiFi and Bluetooth connectivity.



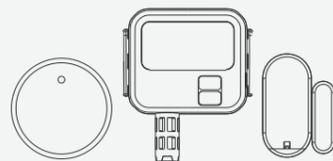
Asset Tag

- Anti-tamper alarm
- Thin & small in size
- Support multiple communication protocols/sensors



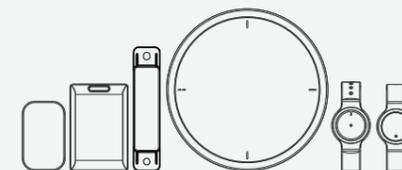
Sensor Tag

- Low-cost & high precision
- Real-time data collection & transmission
- Flexible customization / sensor expansion



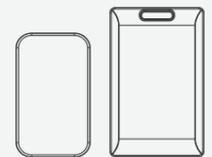
Bluetooth® 5.1 AoA Indoor Positioning

- Wide coverage & high concurrency
- Sub-meter accuracy & low energy consumption
- Combining UWB & Bluetooth LE technologies



Repeater

- Supports Bluetooth, LoRa, etc.
- Data collection & transmission
- Ultra-long distance transmission



LoRaWAN® Portfolio

Deploy Once, Connect for 10+ Years.
Explore LoRaWAN's Long-Range Power.



Wide Coverage

2-20km network coverage
(varies based on obstructions)



Low Power Consumption

10 years on
a single battery



Scalable Network

1000+ devices per
LoRaWAN gateway



Full LoRaWAN®
Product Catalog

Sensor Tag

- Monitoring or detection for temperature, humidity, air quality, water leakage, human presence, security, and more
- Long-range communication & multi-year operation
- Periodic or movement-based data report
- Precise detection and monitoring



Asset Tag

- Global real-time tracking for goods and cargo trucks
- Accelerometer for shipment stop / move / shock detection
- Periodic or movement-triggered location updates
- Anti-tamper alarm



Gateway

- LoRaWAN & Bluetooth communication
- Global LoRaWAN frequency support
- Wi-Fi / 4G / Ethernet multiple connectivity
- Edge computing
- High data throughput
- Data security suite (AES-128, WPA3, etc.)



Personnel Tag

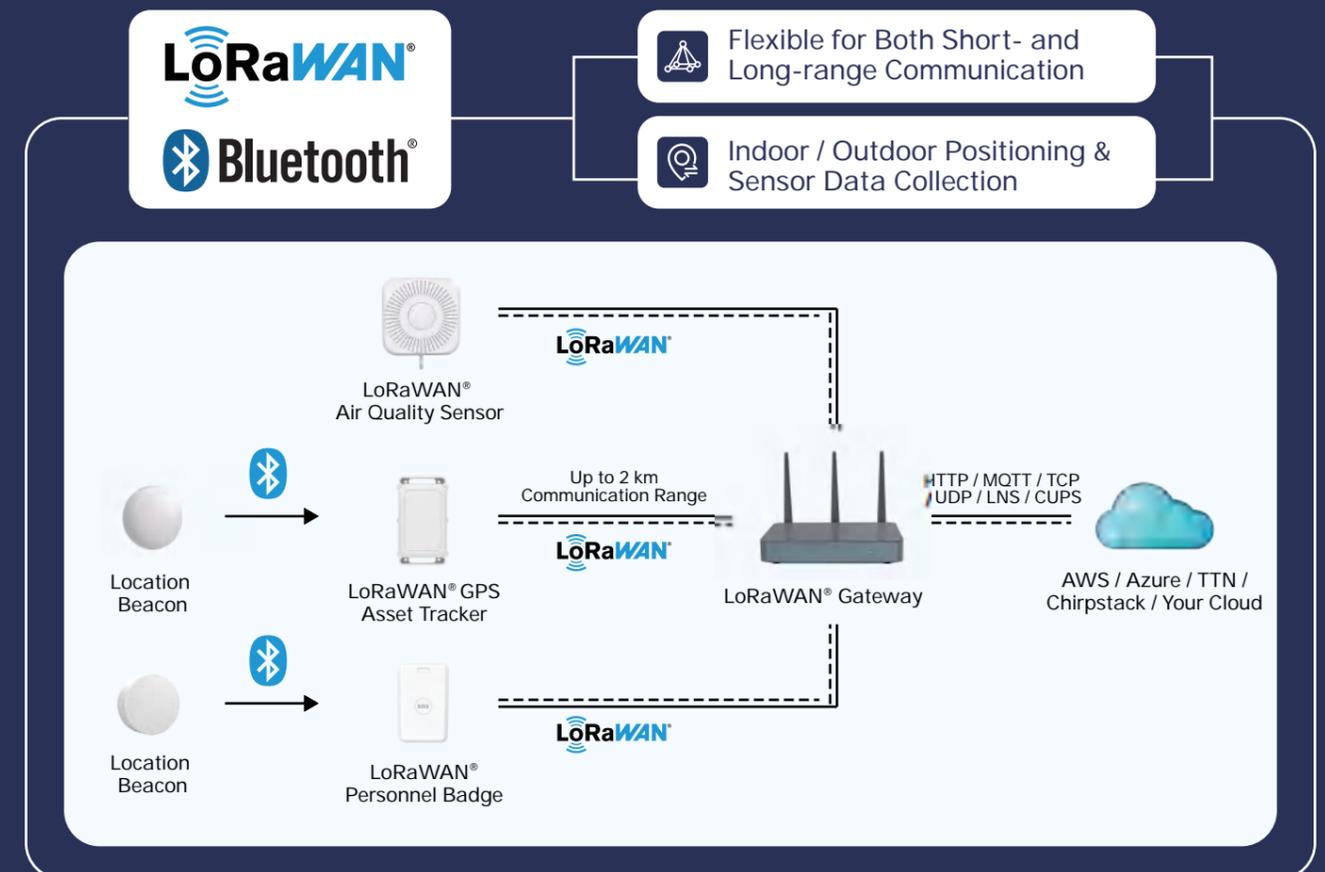
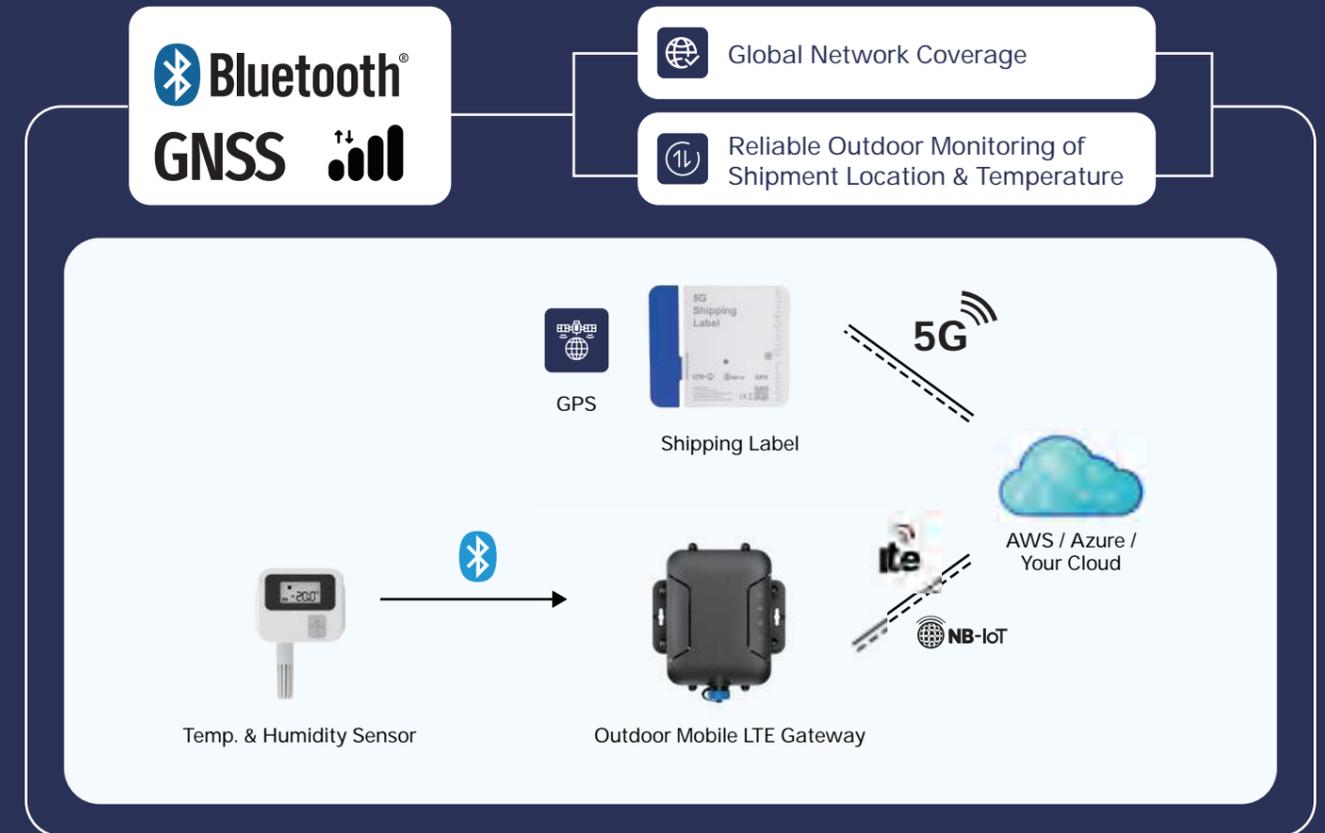
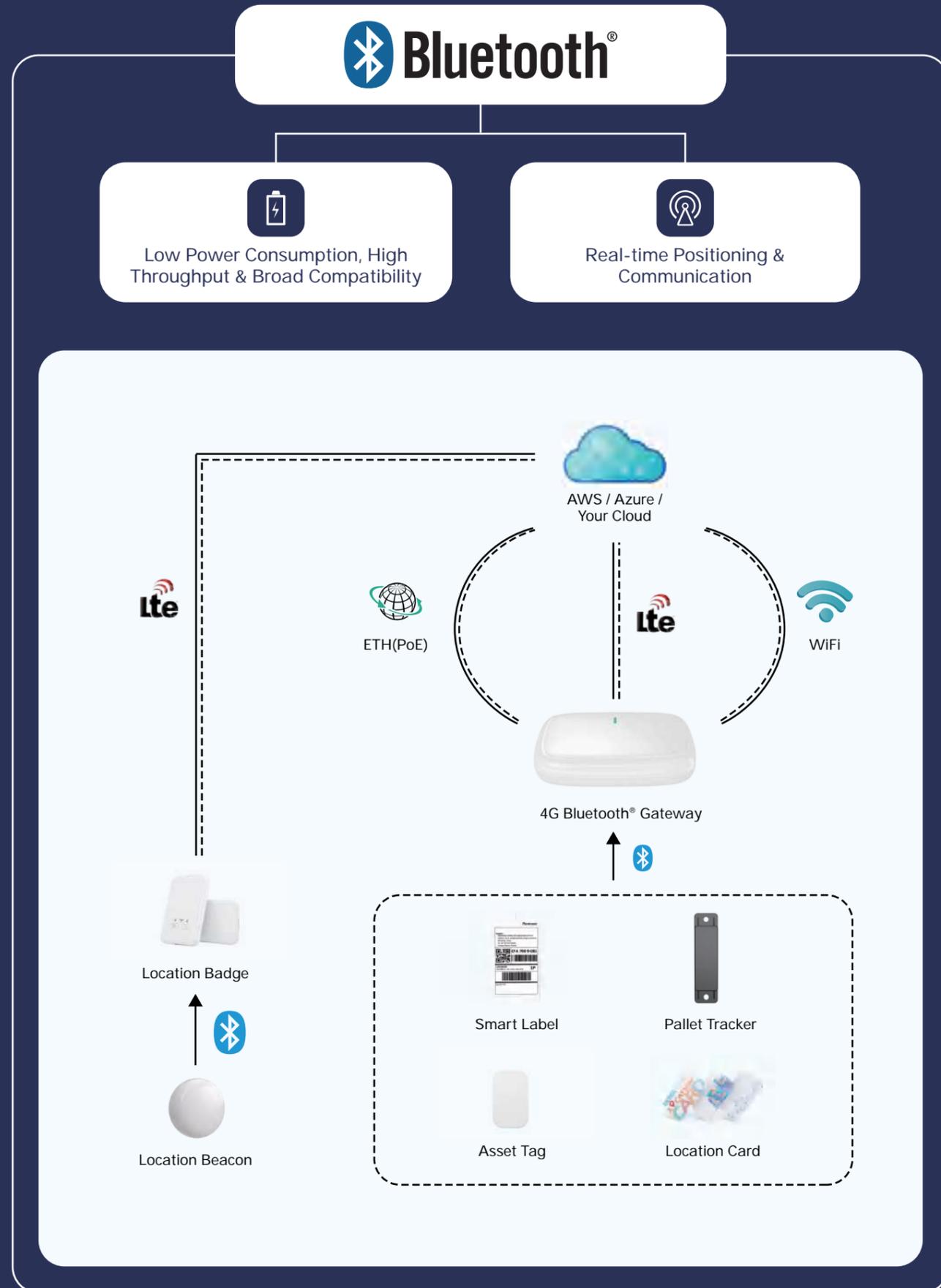
- Bluetooth real-time positioning with LoRaWAN Uplink
- Over 2km communication range
- People movement changes detection (fall, rapid movement, or sudden stop)
- Intuitive SOS button allows one-click for help



Tool

- LoRa signal detector for LoRaWAN network planning optimization
- Measure RSSI / SNR / Packet loss rate
- Measurement points locating (GPS)
- LCD display



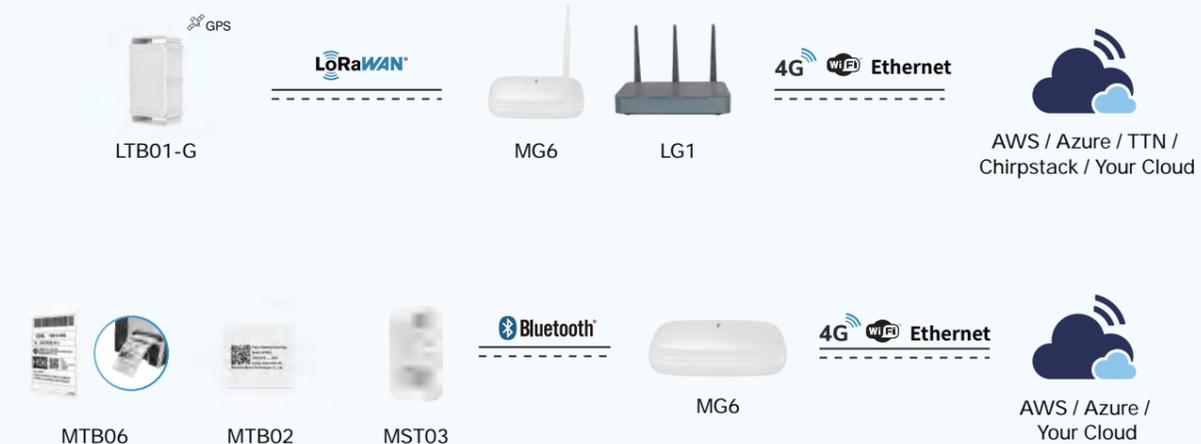


Logistics & Warehouse

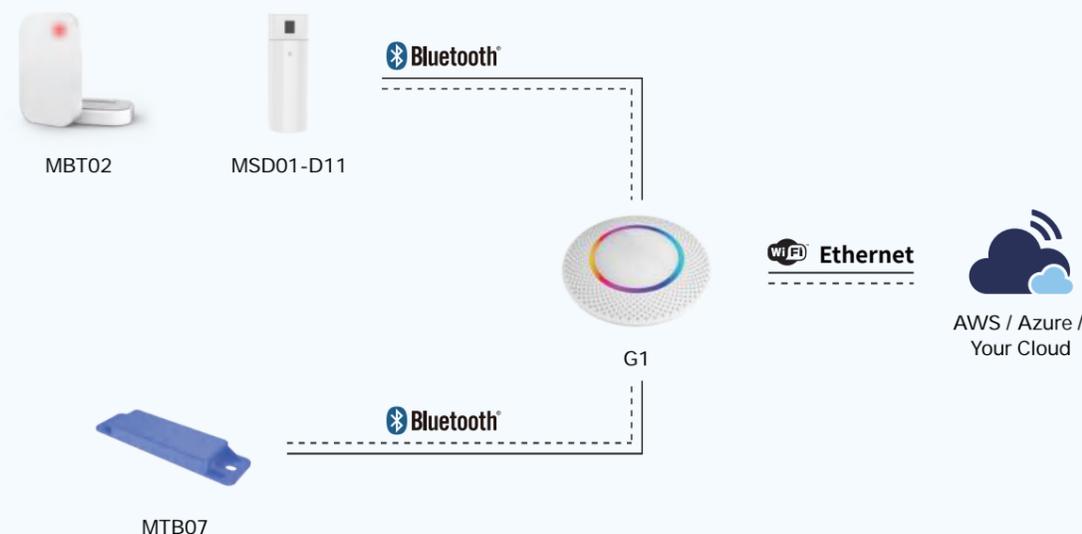
Full-process visualization and intelligent monitoring address transportation losses, temperature and humidity fluctuations, cold chain failures, and inaccurate positioning. Combining GPS, vibration detection, temperature and humidity sensing, and other technologies enables real-time tracking, cold chain monitoring, cargo security, and inventory management.



Track-and-Trace



Inventory Management



Healthcare

Hospital-wide visualization and intelligent monitoring address issues such as patient loss, delayed emergency response, device loss, and uncontrolled temperature and humidity. Indoor positioning, SOS alerts, device tracking, and environmental monitoring ensure patient safety, asset management, cold chain protection, and efficient operations.

LoRaWAN

Air quality sensors can help us improve the environmental conditions in hospitals.

SOS Button in Emergency

I wasn't feeling well just now, but with one press of my **SOS button**, you guys arrived in a flash!

This **navigation** allows me to find the correct clinical department without any effort.

Managing the status and location of hundreds of equipments at once is no longer a difficult task.

MSE01 Equipment Status Monitoring

Status Power Off Standby Working

Vaccines need to stay super cold during transit, but our **temperature sensor** has me completely at ease.

-200~200°C

Patient Safety / Elderly Care / Staff Duress Alerting

LWC01 B10 B7

MWC01 C10

MG4 MG6

AWS / Azure / TTN / Chirpstack / Your Cloud

RTLS Medical Equipment Tracking

MBT02 E8

G1

AWS / Azure / Your Cloud

Indoor Navigation

MBS02 MBM02 MBM03

E2 E5 E7 i3

Phone

AWS / Azure / Your Cloud

MINEW TAG | ELECTRONIC SHELF LABEL

Electronic shelf label is a low-power E-ink display device which can replace the traditional paper label and has the function of sending and receiving data. MinewTag has developed and produced electronic shelf labels with full screen sizes including but not limited to 1.54", 2.13", 2.66", 2.9", 3.5", 4.2", 5.8", 7.5", and 11.6". MinewTag ESL products of various features, including double-sided display, full-color display, customized buttons, low temperature resistance, and waterproof, meeting the display needs in office, manufacturing, warehouse, retail, and healthcare.



Bluetooth 5.0 technology
Fast screen refresh & secure data transfer



Electronic ink screen
Low-power, long lifespan, power-off display, 180° viewability



Multi-color display
BW / BWR / BWRY / 6-color displays optional



Ultra-long service life
Battery are replaceable for longer usage



Waterproof & splashproof
IP65/IP67 level protection, waterproof and dustproof, more reassuring



DIY template
Supporting the customization of QR codes, bar codes, images, and color blocks



Multi-color LED light
Manage the color, brightness, and duration of the LED light to improve picking efficiency



Screen refresh in seconds
Instant information synchronization online and offline via one click



Multi-terminal management
Flexible management via PC software and mobile App



NFC function optional
Expand more applications with NFC function

MINEWSEMI

The subsidiary of MINEW

CONNECTIVITY MODULE

Your Reliable Intelligent Connectivity Module Provider

MinewSemi, a wholly owned subsidiary of Shenzhen Minew Technologies Co., Ltd, is an Innovative IoT Module Expert that integrates product R&D, technical application, and service support. The company independently develops a full range of IoT modules covering BLE, GNSS, LoRa, Wi-Fi, UWB, mmWave, and SparkLink technologies.

With a mission to empower partners with innovative IoT modules to co-create an intelligent ecosystem, MinewSemi delivers solutions with proprietary core technologies and serves customers in over 100 countries worldwide.

Module Roadmap

Bluetooth®



GNSS



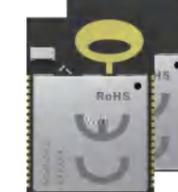
WiFi



LoRa® | LoRaWAN®



UWB ALLIANCE



Millimeter-Wave Radar



Applications



Smart Cities



Smart Home



Intelligent Healthcare



Automotive Peripheral



Smart Agriculture



Industrial Intelligence



Consumer Electronics



Intelligent Sensor

Customization Service

// To build a customer-centric, innovative, honest, and trustworthy partnership.

With a steadfast dedication to the IoT industry, we have spent the past 16 years plowing forward, developing expertise, and offering top-notch one-stop intelligent hardware and firmware R&D, Mechanical Design, and services of Contract Manufacturing, Original Equipment Manufacturing, and Original Design Manufacturing.



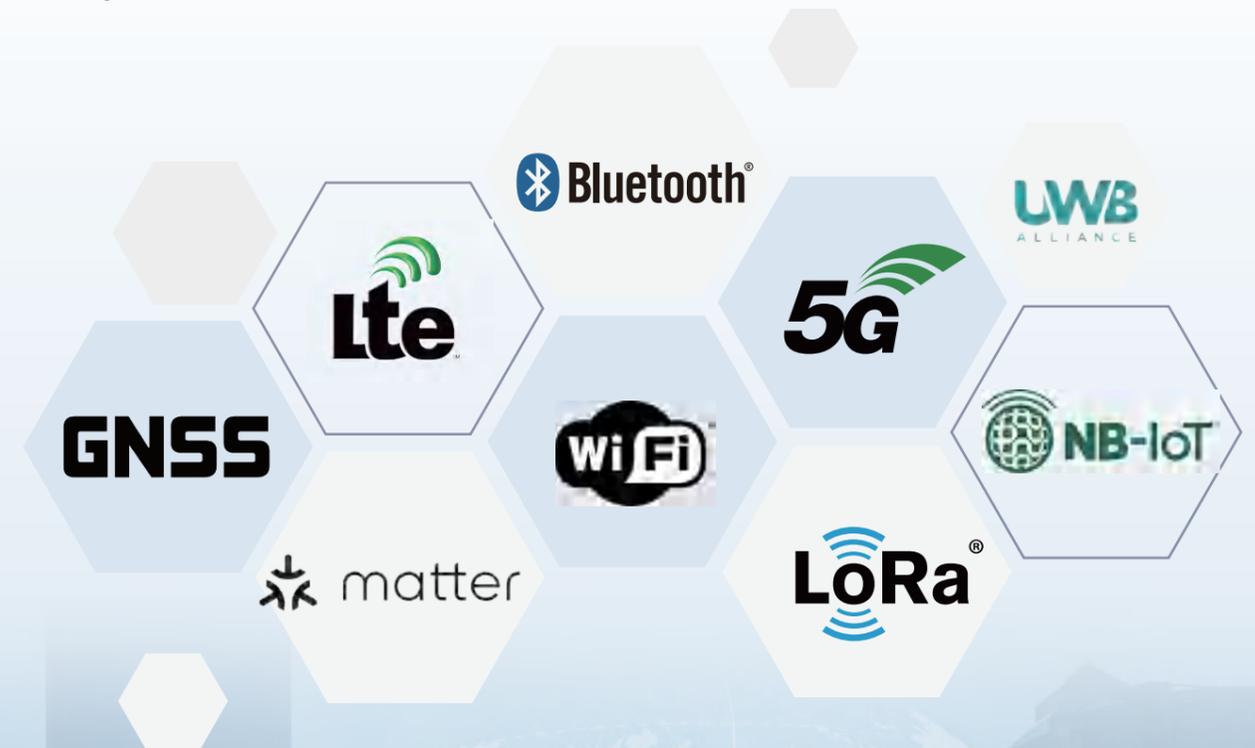
Turnkey Smart IoT Product Design, Delivery, and Manufacturing



Our Success Stories

We have successfully delivered customized hardware and firmware design services for over 100 projects, providing actionable insights and in-depth industry profiling. Our clients have achieved significant improvements in work processes, resulting in time and cost savings.

We expertise in





WHY MINEW

Our state-of-the-art facilities, experienced R&D team and manufacturing, and industry certifications enable us to stay ahead of the curve and offer our customers cutting-edge technology.

PROMPT RESPONSE
QUALITY ASSURANCE
RELIABLE DELIVERY
COMPETITIVE PRICING



R&D Capabilities

We are particularly focused on creating cutting-edge IoT solutions that satisfy the changing requirements of our clients and the sector. We completely commit to utilizing our R&D skills to foster innovation and help the industry flourish since we witness the potential of IoT in revolutionizing industries.

Laboratory & Manufacturing

- 6S management
- 10,000 m² + production area
- Manufacturing factory with multi-certification
- MES+ERP refined quality management
- 2 SMT / DIP / assembly full lines
- Automated million-level production capacity



Professional management system

- ✓ ISO 9001 Quality Management System (QMS)
- ✓ ISO 14001 Environmental Management System (EMS)
- ✓ OHSAS 18001 Occupational Health and Safety Assessment Series (OHSAS)
- ✓ Business Social Compliance Initiative (BSCI)
- ✓ ISO27001 Information Security Management System (ISMS)



Best-in-class RF equipment

- ✓ Spectrum analyzer
- ✓ Signal generator
- ✓ Electrostatic meter
- ✓ Comprehensive tester
- ✓ Network analysis instrument
- ✓ High-low temperature test chamber
- ✓ Power supply monitor



Auto-production line

- ✓ Fully automated production line
- ✓ Sophisticated and cutting-edge equipment
- ✓ Monthly production capacity reaches millions
- ✓ Meet the production of large quantities of orders

Company Power

18+
Years of Customized Service Experience

200+
Patents and Certifications

100,000+
Daily Output

115+
R&D Staff

300+
Successful Cases

108,000 ft²+
Workshop

Honors



Listed on the Beijing Stock Exchange



National-Level High-Tech Enterprise



IoT Excellence Award



Best Employer for SMEs in China



Multiple Awards for CHTF Excellent Products
(*CHTF: China Hi-Tech Fair)



National-Level SRDI "Little Giant" Enterprise
(*SRDI: Specialized, Refinement, Differential, Innovation)



IOTE Award for Innovative Product -
AoA Precision IndoorPositioning Medal

Minew Is the Industry Alliance Member of



Certificates



BQB



CE



FCC



RoHS



ISO9001



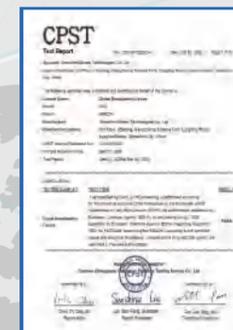
ISO14001



OHSAS18001



BSCI



CPST



COA



WEEE



IEC

Minew Partner Program

“ Alone we can do so little. Together we can do so much. ”

By combining resources, people, and ideas, the Minew Partner Program creates powerful synergies and results. Explore our partner program, find the one that's right for you, and let's start growing better together.



Branding & marketing

Partners are entitled into our branding and marketing for community expansion, including but not limited to co-branding and mutual beneficial resources.



Resource sharing

With joint development and multi-level cooperation, we work with our partners to share resources, data, and experience.



Business outreach solutions

Minew's class-leading quality and technology have the capacity to accommodate more vertical business opportunities and have the potential to outperform peers.

Welcome to Partner with Minew



Global Partners

With a focus on delivering high-quality services and fostering long-term relationships based on mutual trust and respect, we have earned the trust of our partners around the world. We are committed to upholding this trust by consistently delivering exceptional results and exceeding our partners' expectations.

♥ You're in good company.



Your Trusted Partner in IoT Excellence



 +86 (755) 2103 8160

 info@minew.com

 www.minew.com

 www.minewstore.com

 No. 6 QingLong Road, Qinghua Community, Longhua District, Shenzhen