InHand Networks

Enterprise Network

Build Extraordinary Networks for Your Bright Future

About Us

InHand Networks is a leading IoT solutions provider founded in 2001, dedicated to driving digital transformation across industries and empowering customers to unlock their full potential and achieve accelerated growth.

We specialize in delivering industrial-grade connectivity solutions for diverse sectors, such as enterprise networks, industrial and building IoT, digital energy, smart commerce, and mobility. Our comprehensive product portfolio and services cater to various applications worldwide, including smart manufacturing, smart grid, intelligent transportation, smart retail, etc. With a global footprint spanning over 60 countries, we serve customers in China, the United States, France, Germany, the United Kingdom, Italy, and beyond.

InHand Cloud-Managed Networking Solution

Challenges in enterprise networks brought by digital transformation

Connectivity fosters relationships, empowers businesses, and fuels knowledge acquisition. Innovations in technologies bring infinite possibilities for business development, while also introducing multi-dimensional competition and increased uncertainties. Enterprises still face many challenges in connectivity on the path to digital transformation.

Difficulties in deploying massive connectivity

Digitalization and globalization have made networks for corporate offices and branches more complex. Traditional networks struggle to meet the demands for quick deployment and business adaptability.

Challenges in consistent application experience

The modern workplace demands higher network bandwidth and performance. High traffic or link congestion compromises critical business experiences, leading to increased losses.

Inefficiencies in NetOps

As enterprises expand branches across regions, IT operations become increasingly complex and costly. Traditional WAN solutions can't effectively monitor the status of business applications, leading to inefficient network maintenance.

Risks in network security

Distributed sites have diversified access to corporate resources. Remote employees using personal devices and networks to access corporate data are vulnerable to cyberattacks without adequate security measures.

Solution Values

To address the challenges of traditional enterprise networks in deployment, management, and access experience, InHand launches the **Cloud-Managed Networking Solution**. This solution offers comprehensive network connectivity for enterprise branches, retail stores, and more by enabling agile, scalable, and centralized network management capabilities.

Highly available networks

We integrate wired, cellular, and Wi-Fi connectivity, enabling redundancy and failover systems to minimize single points of failure.

Redefine the way IT is managed

We provide a centralized platform to streamline your network management and enable IT personnel to monitor the network anytime, anywhere.

Improve network agility and continuity

The solution helps to gain agile responses to specific needs for each site with our plug-and-play devices and clouds to maintain productivity.

Enhance cyber security

Our solution facilitates agile responses to threats across networks, applications, endpoints, and clouds, enhancing protection with data encryption transmission, multi-factor identity authentication, and role-based access control.

InHand Cloud-Managed Networking Solution

InHand cloud-managed networking solution encompasses edge routers, Wi-Fi 6 AP, switches, 5G FWA, 5G ODU cellular routers, and the InCloud Manager SaaS platform. By integrating top-tier IT management, IoT, 5G, and other technologies, we provide fast, secure, and user-friendly network solutions globally, enabling businesses to unlock boundless growth opportunities.

Network Resilience

Business Continuity

NetOps Simplified

Cyber Security

Centralized Management | Visualized Monitoring | Zero-touch Deployment | Remote Troubleshooting

Cloud Management

Edge Routers | Cellular Routers | Wi-Fi 6 AP | Cloud-managed Switch

Business Branches
Reliable networks deliver fantastic shopping experience.

Hybrid Workforce
Instant access makes business operate swiftly

Outdoor Events
Instant Internet available at your fingertips

Our Capabilities

| Excellent Network	Visualized Insight	Multi-site Networking	IT Asset Management
• 5G / Gigabit Ethernet	• Network quality	• SD-WAN	• Routers & terminals
• Firewall policies	• Terminal experience	• Remote Access to on-site terminals	• Remote configuration
• Traffic shaping	• Network topology		• Firmware upgrade
• Cellular failover	• Alert & remote diagnostic	• IPSec VPN	• Remote control

InHand provides an end-to-end solution with a versatile and comprehensive product portfolio that is scalable and adaptable to various industries and applications.

Application 1

A one-stop solution for branch stores or enterprise offices


Application Scenarios

Retail

Small Business

Healthcare

Enterprise Office
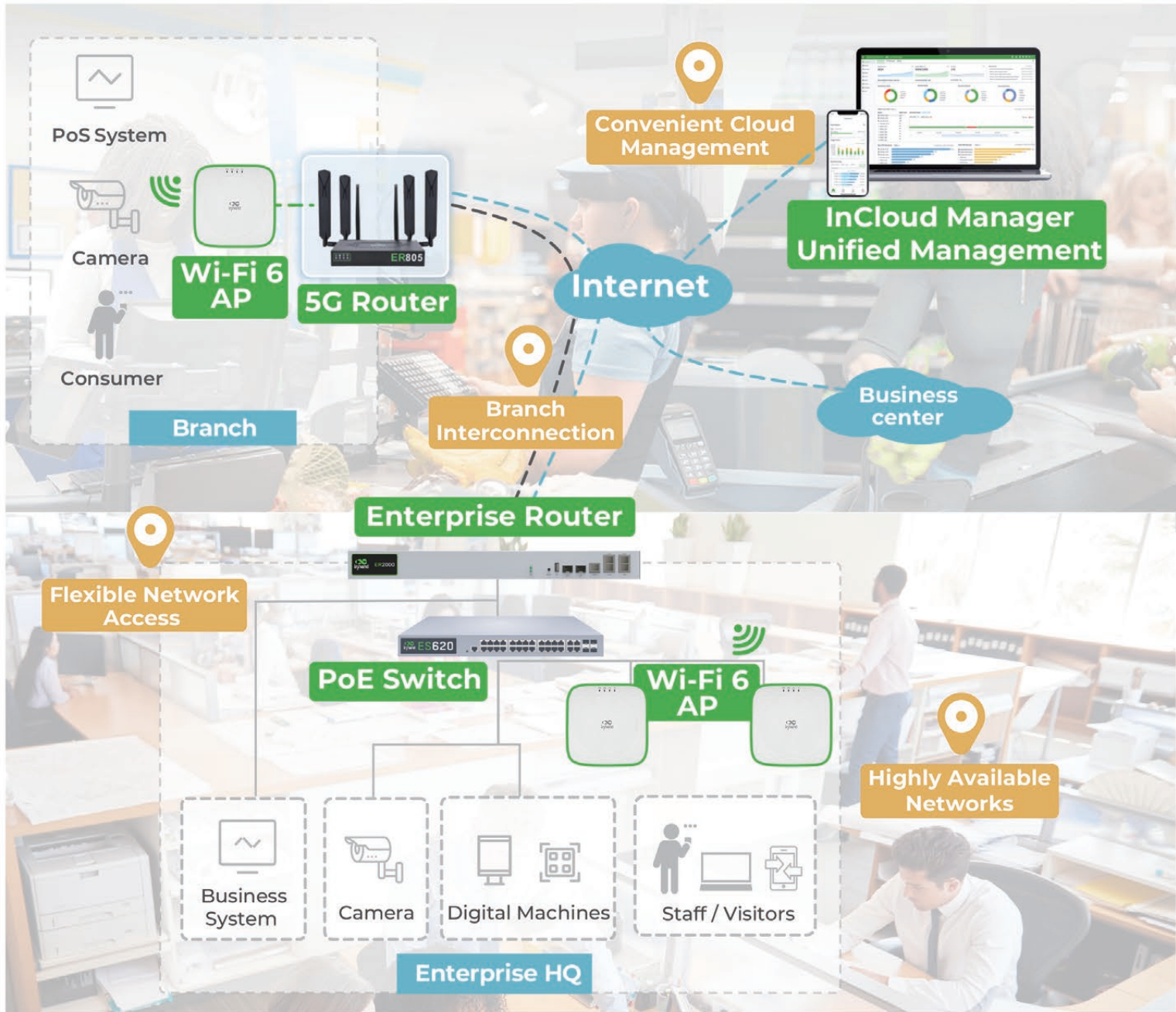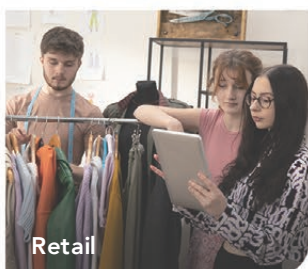
InCloud Manager

Cloud-based Network Management Platform

1

● Easily scale at your own pace

+ Deploy thousands of networks quickly with cloud configuration and automated orchestration to easily scale your network up.
+ Tailor unique configurations to meet the specific needs of each location.
+ Ensure all locations adhere to corporate standards.
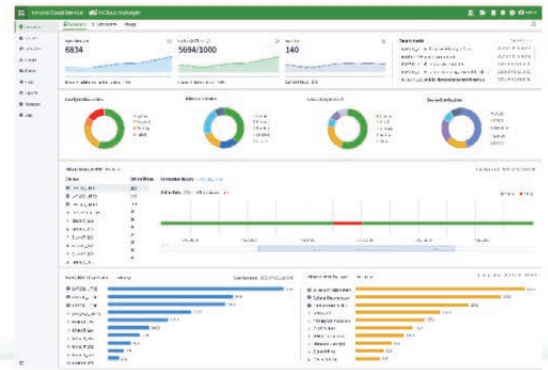
2

### ● Cloud-managed networks improve your overall IT efficiency

+ Fast zero-touch deployment for plug-and-play devices, and remote configuration by IT personnel.
+ Intuitive configuration and simplified network orchestration.
+ Centralized control on thousands of distributed sites across regions.
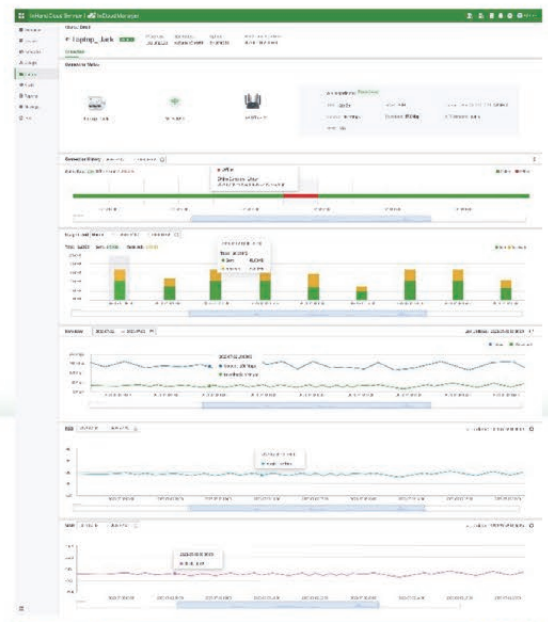
3

● Remote Control for Your On-site Terminals

+ Virtualized networking technology ensures no access conflict for distributed sites.
+ Easily build remote access tunnels without modifying local network architecture.
+ Facilitate connectivity of distributed devices like IP phones, computers, servers, cameras, and controllers over Ethernet.
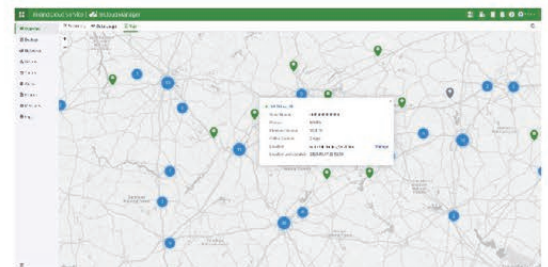
4

● Manage and Monitor from Anywhere

+ Monitor WAN, access, and IoT technologies with end-to-end visibility all in **InCloud Manager**, empowering flexibility for teams.
+ Visualize network performance, traffic patterns, and device health for valuable insights to optimize the network.

Edge Routers

Cloud-managed Branch Routers

ER815
NEW

High-performance Branch Router

- 5G
- 2.5G Ethernet
- Wi-Fi 6
- Network Security

ER805

Enhanced Branch Router

- 5G
- High Reliability
- SD-WAN
- Cellular Failover

ER605

Cost-effective Branch Router

- 4G CAT 6
- Gigabit Ethernet
- Gigabit Wi-Fi
- Link Backup

Enterprise Routers & LAN Products

Cloud-managed Network

ER2000
High-performance Enterprise Router

- 10G SFP+
- 10G Ethernet
- PoE
- Network Security
- 1U Rack-mounted

ES600
Cloud-managed Switch

- 4*Combo Ports
- 24* PoE Ports
- 56Gps Switching Capacity
- Cloud-Managed
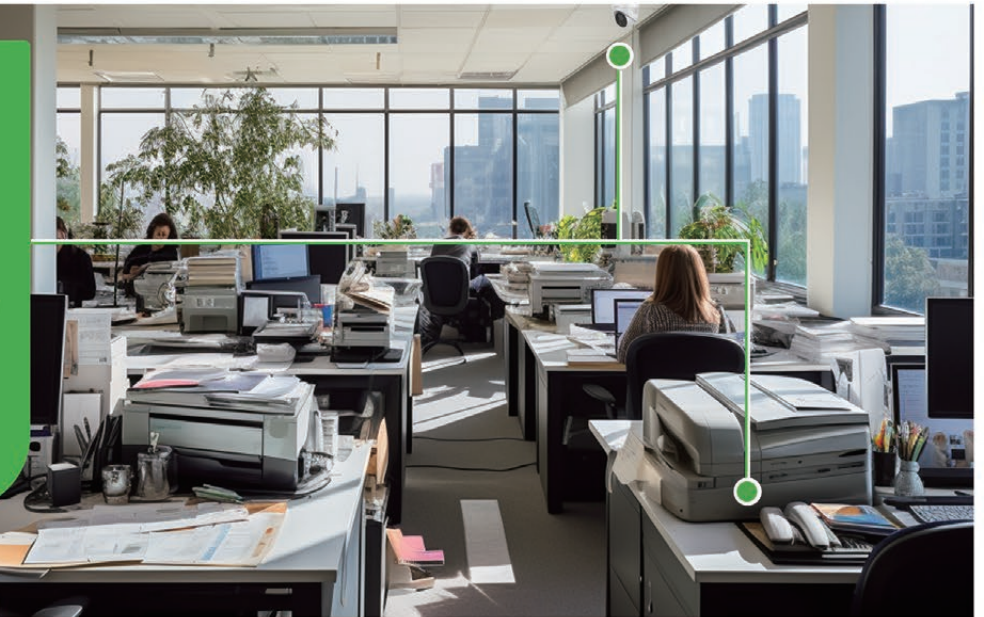
EAP600
Cost-effective Wi-Fi 6 AP

- Wi-Fi 6
- Wi-Fi Portal
- Mesh Networking
- Network Security

Application 2

Added-value 5G, especially for connectivity extension to outdoor

5G

SUPERMARKET

ODU2002
Outdoor High-Performance 5G ODU

inhand

5G High Performance DL 4.76Gbps

IP67 Protection for Outdoor

Remote Management with Cloud

Application Scenarios

Harbor Dock
Quality communications for improved dock operations

Sports Training
Exploring full potential through continuous connectivity

Outdoor Restaurant
Reliable network delivers fantastic customer experience

Oil Field
Reliable connectivity in harsh environments

Application 3

Fixed wireless Internet for SMB connectivity with convenience

5G FWA02

Indoor High-performance 5G FWA

5G **Wi-Fi 6**

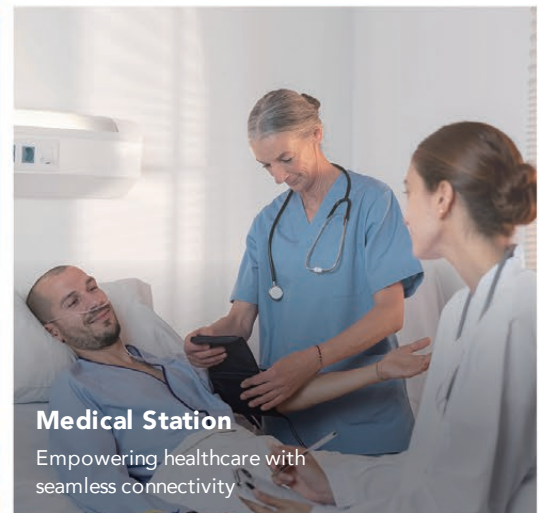**Gigabit Ethernet**

Network Security

Application Scenarios

Rural School
Inspiring learning through seamless connections
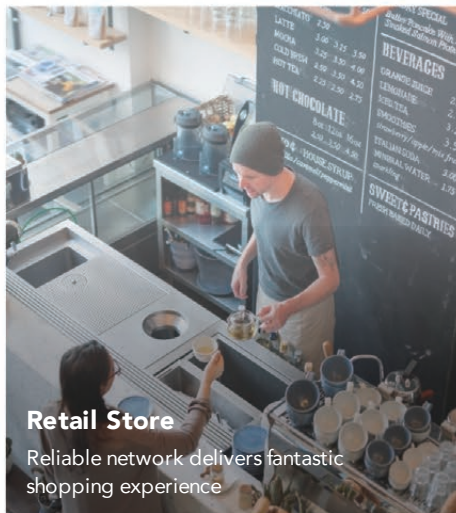
Retail Store
Reliable network delivers fantastic shopping experience

Medical Station
Empowering healthcare with seamless connectivity

Government Agency
Building a connected future for public service

Enterprise Office
Instant access makes business operate swiftly

Public Safety
Secure connections for safer communities

Application 4

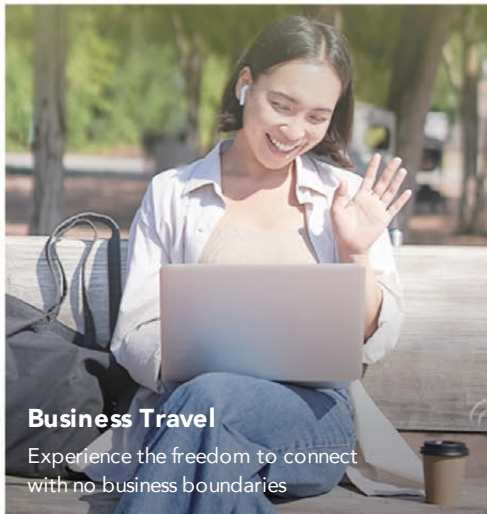Instant connectivity for pop-up network access with plug-and-play

CR202
Portable Cellular Router with Battery
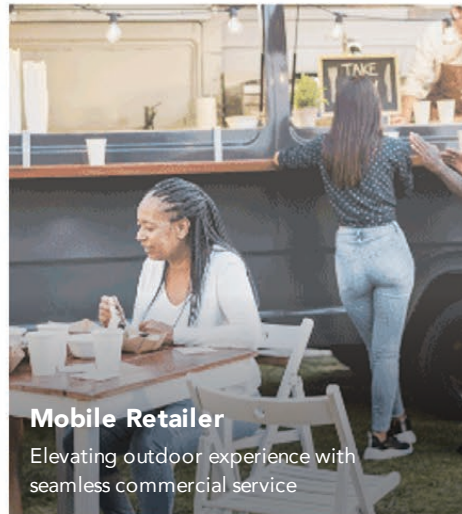
- Portable 4G Router
- Plug-and-Play
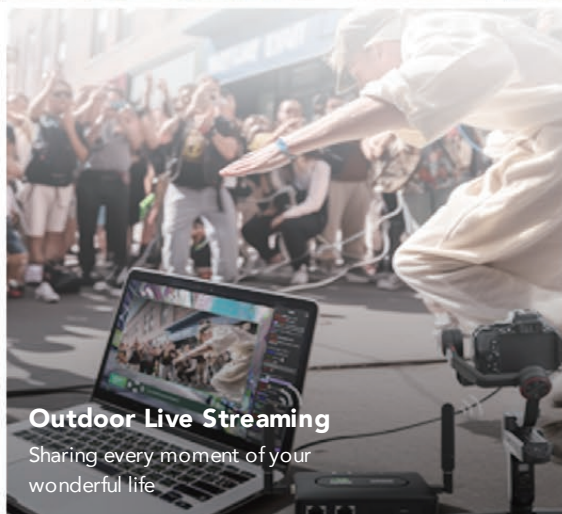- Battery Power Supply for 8 Hours

Application Scenarios

Business Travel
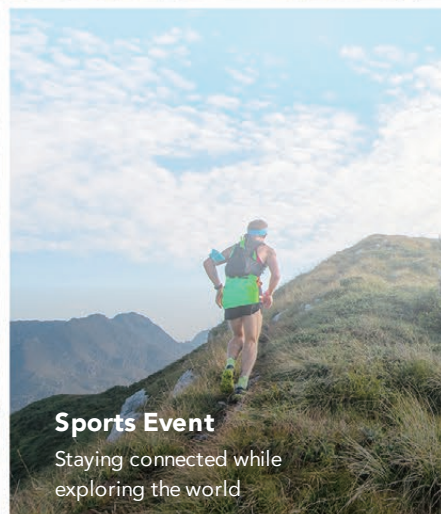Experience the freedom to connect with no business boundaries

Mobile Retailer
Elevating outdoor experience with seamless commercial service

Camping
Narrowing the distance between friends

Outdoor Live Streaming
Sharing every moment of your wonderful life

Sports Event
Staying connected while exploring the world

RV Travel
Enjoying every moment with the ones you love

5 R&D Centers

Quick Response to Market Demands

Beijing

Chengdu

Jiaxing

Toronto

Virginia

3 Manufacturing Centers

Supply Chain: Self-owned Factory with Ensured Capacity and Quality

3 Manufacturing centers: Jiaxing (China), Bangkok (Thailand), Toronto (Canada)

Production lines with a high level of flexibility **9**
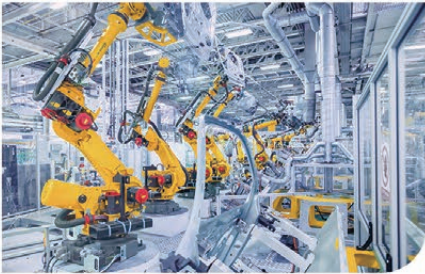
3,000 Units produced per day

Square meters **17,898**

4 Storage and Technical Support Centers

Toronto
Canada

Düsseldorf
Germany

Virginia
US

Jiaxing
China

Multi-location Inventory & Tech Support
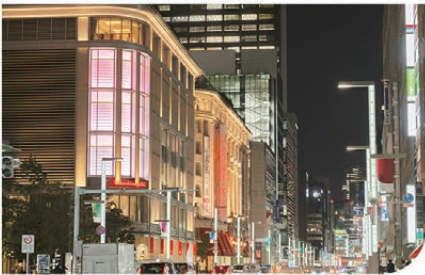
Applied in a Wide Range of Scenarios

Smart Manufacturing

Smart Retail

Smart Grid

Smart Cities

Smart Transportation

Renewables

Utilities

Smart Healthcare

Business Internet

Used worldwide. Proven worldwide.

Canada
Management of
Hydropower Station

Germany
Smart
EV Charging Kiosks

China
Predictive Maintenance
of Air Compressors

US
Predictive Maintenance
of Generators

Switzerland
Predictive Maintenance
of Textile Machines

Thailand
Flood Early Warning

Australia
Wireless Water Metering

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