



## Milesight Integrates Intelligence into Cold Chain Industry

Tap into the cold chain industry, everyday it delivers tons of temperature sensitive products to customers while struggling to monitor cold condition in the shipment process. To meet the majority of industrial demanding needs, wireless technology becomes an integral part and it takes some major steps forward. With a good knowledge to the benefits of wireless connectivity, Hua Tech System finds Milesight and wants to work out an IoT-based solution together so as to get their companies into shape for their digital economy.

### CHALLENGES

Difficult to monitor the cold storage condition  
Hard to send out alarm/report for the temperature of perishable products timely



### SOLUTION

The convergence of Bluetooth Sensor, Bluetooth Gateway and UR72 industrial cellular router will propose a complete wireless coverage for cold chain industry. The Bluetooth sensor gathers data and transmits it to the Bluetooth gateway via the Bluetooth connection at first. Supporting Transparent/Modbus Gateway and featuring communication modules such as Wi-Fi and 3G/4G allow UR72 to transmit parameters that receive from Bluetooth gateway to the management system in real-time without deploying any wiring.

Further to this, mobility and redundancy via dual SIM functions will drop off the possibilities of link failure and ensure the seamless M2M communications. And real-time alert through SMS and Email allows operators to take actions timely so as to minimize loss and maximize highly possible uptime. In this way, the networking technology brings terrific value to businesses and enhanced enterprises' profitability. Also, it enhances the capabilities of monitoring cold storage equipment's temperature, energy consumption, and other parameters.



## KEY BENEFITS

### Real-time Protection

24-hour-a-day monitoring through wireless connection underpins the temperature-controlled distribution. The equipment and facilities can best ensure a good conservation of cold chain products.

### Increased Profitability

Control center can take action in real-time and make decisions with confidence when equipment breakdown or confronting with other problems. It brings high availability of those temperature-critical products and delivers them with high quality.

### Build Customer Loyalty

Every cooperation starts with customers' trust. The continuous wireless monitoring solution guarantees product safety and puts our service in place. Customers can receive products on time and meet their satisfaction.

## FEATURED PRODUCTS

### Milesight UR72 Industrial Cellular Router



- Fast Data Transmission: 2Gigabit Ethernet ports
- High Processing Speed: 64-bit ARM Cortex-A53 Processor
- Redundant Connection: DualSIM Backup and Failover
- Edge Computing Capabilities: Python SDK
- Dual-BandWi-Fi: comply with 11b/g/n/ac
- ComprehensiveIndustrial Interfaces: Serial Port, DI/DO
- Secured Web Environment: Multiple VPN Tunnels
- High Accuracy GPS Positioning

## About Hua Tech System Pte. Ltd

We always believe when business is connected to Internet of Things (IoT), the opportunities are endless. Data that was once untapped could be turned into an asset. For increasing process efficiency, delivering better customer experiences, generating new revenue streams, even the most critical issues can be solved in real-time. Let's drive digital transformation and put the IoT to work for you, optimize operations, helping make informed decisions, reduce costs, and create new revenue streams. We provide network to connect business with IoT, bring business in new insightful ways with IoT.

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