

# Internet of things solutions

- All Networks Card
- Mobile Payment
- M2M



The internet of things is becoming more and more popular in the 21st century.

IoT has been extended in personal health, smart grid, public transportation and other aspects of the extremely wide range of applications.

As long as an object embedded in a specific radio frequency tags, sensors and other devices connected to the internet, will be able to form a large network systems.

Even thousands of miles away, people can easily learn and control of the object information.

Watchdata based on their own business characteristics and technical strength, is also actively exploring IoT, and put forward a series of products and solutions.

## Why *M2M SIM*?

### Different usages, needs and end-equipments

- Industrial versus consumer
- Unattended devices
- Dedicated form factors: Embedded, small footprint, etc

### Extended lifetime and durability

- Context and market segment dependent
- Stressing applications
- No human intervention
- Not accessible or not removable

### Robustness and Reliability

- Climatic constraints
- Non human-friendly environment
- Industry standards compliancy

### Continuity of Service

- Remote monitoring
- Focused on security  
(service, content and equipment)

## Domains Of *Product Application*

### M2M for Commercial

Home alarm, Gateways, Stand alone Personal Navigation Device, Fixed Wireless Telephone, Speed camera alert, eBook and dedicated tablet

### M2M for Industrial

Vehicle tracking, Energy metering, Control and monitoring, Vending machines, Payment terminal

### M2M for Automotive

Embedded Telematics applications developed by car manufacturers and requesting Automotive quality management

## Product Features

	Consumer M2M		Industrial M2M		Automotive M2M	
Forms	Plugin	SMD	Plugin	SMD	Plugin	SMD
Temperature	-25 to 85°C		-40 to + 105°C		-40 to + 105°C	
Vibration	5Hz to 500Hz	20Hz to 2000Hz	5Hz to 500Hz	20Hz to 2000Hz	20Hz to 2000Hz	
Durability	10 years		10 years		15 years	
Times of rewrite	10,000		50,000		50,000	