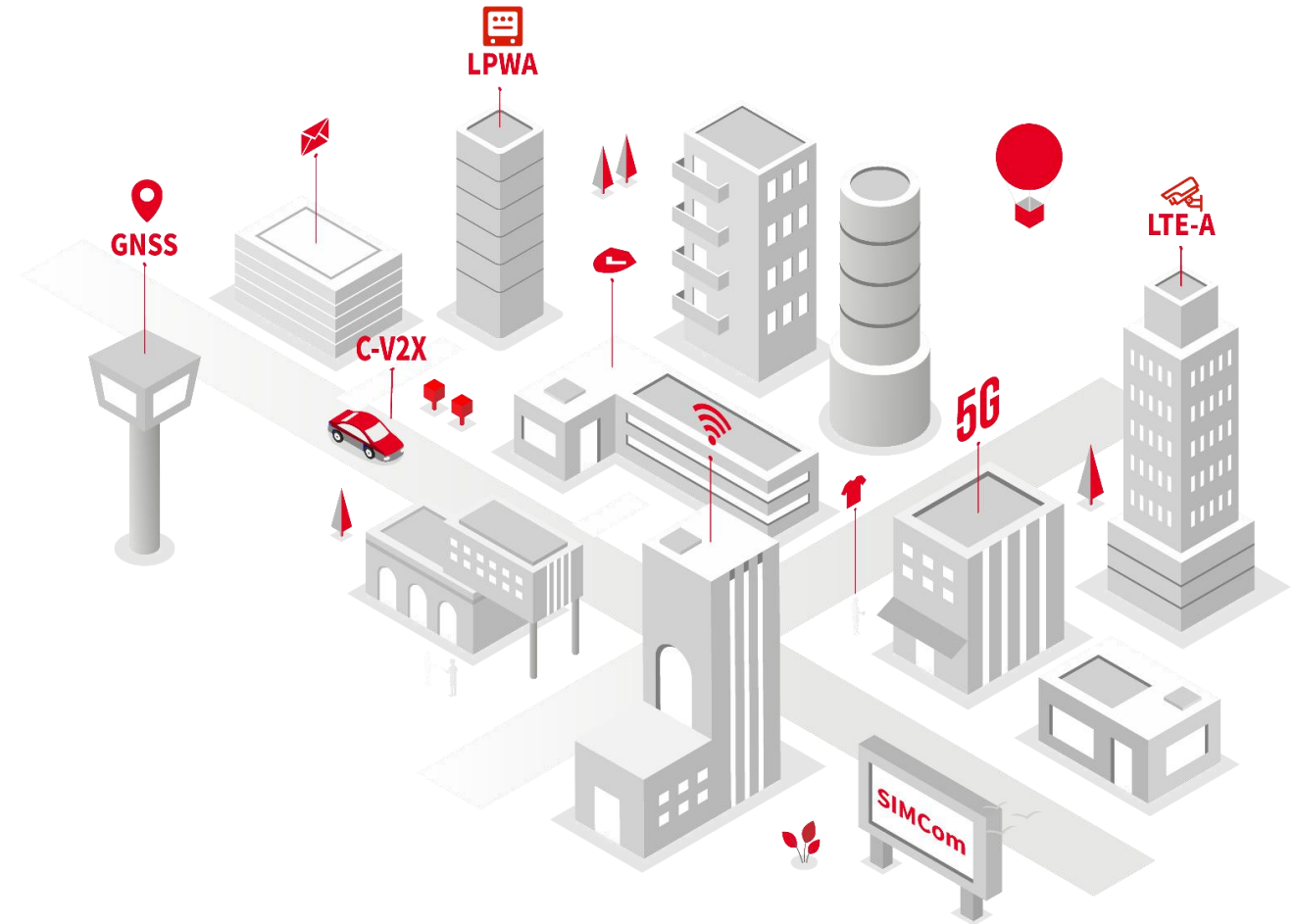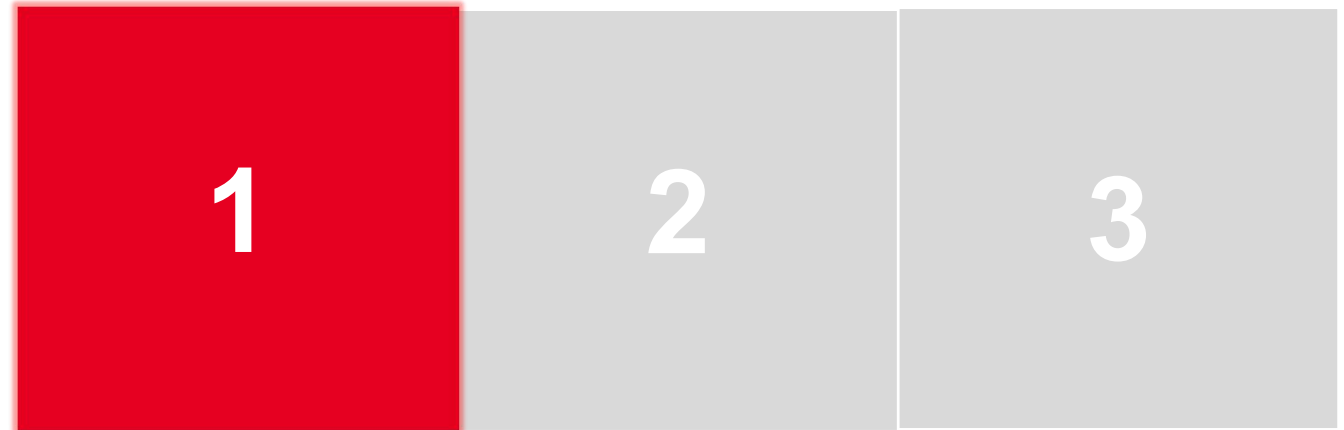INVENTING A SMART FUTURE

SIMCom
Company Profile

Oct, 2024

SIMCom
Overview

Why choose SIMCom?

20+years
Leading the wireless module industry

180+countries
Worldwide sales network

10,000+
Collaborate customers all over the world

500+million
Cumulative shipments

No.1
Global shipment in 4 consecutive years

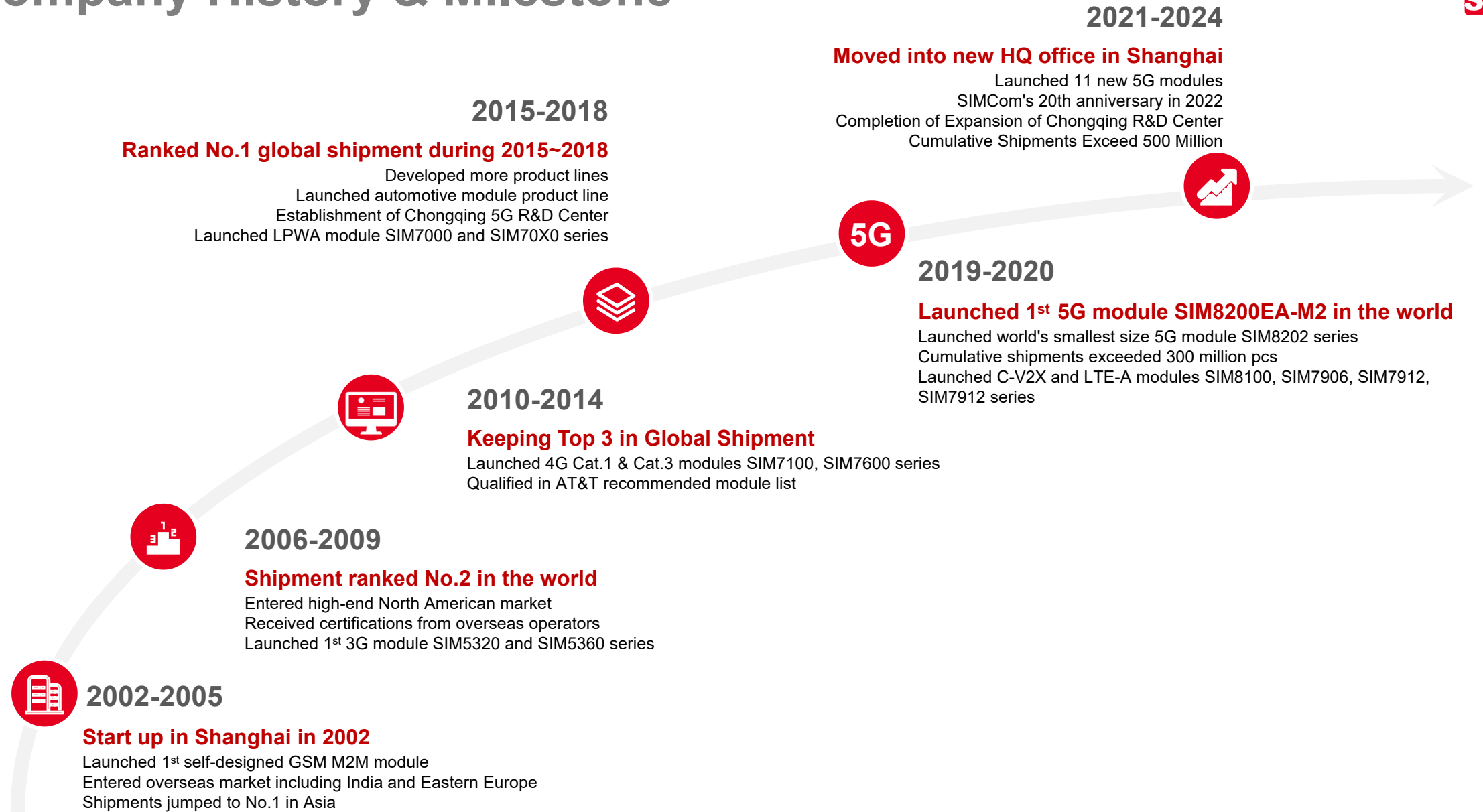**500+million**
Investment in 5G R&D and automatic equipment

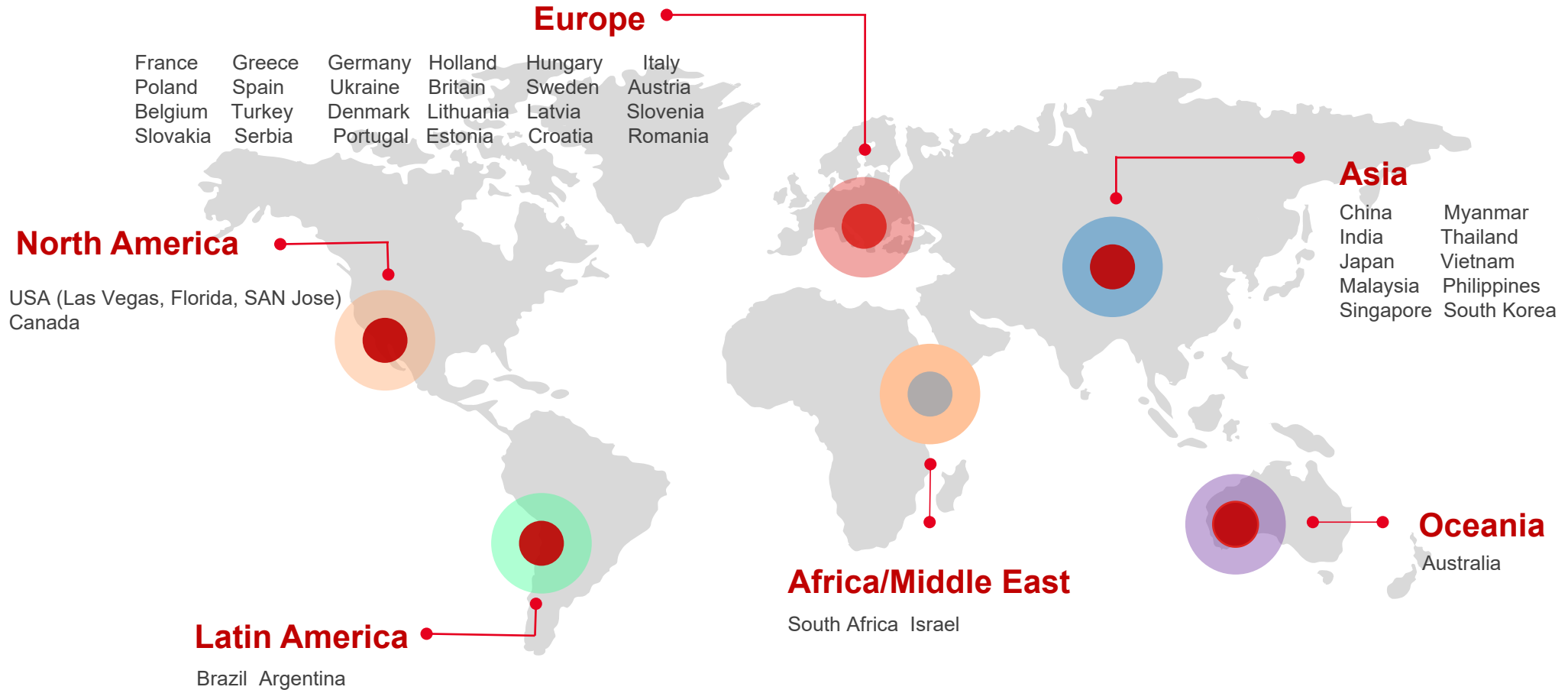**5000+m²**
R&D laboratory

500+
Global patents and certifications

Company History & Milestone

SIMCom

2021-2024

Moved into new HQ office in Shanghai
Launched 11 new 5G modules
SIMCom's 20th anniversary in 2022
Completion of Expansion of Chongqing R&D Center
Cumulative Shipments Exceed 500 Million

2015-2018

Ranked No.1 global shipment during 2015~2018
Developed more product lines
Launched automotive module product line
Establishment of Chongqing 5G R&D Center
Launched LPWA module SIM7000 and SIM70X0 series

5G

2019-2020

Launched 1st 5G module SIM8200EA-M2 in the world
Launched world's smallest size 5G module SIM8202 series
Cumulative shipments exceeded 300 million pcs
Launched C-V2X and LTE-A modules SIM8100, SIM7906, SIM7912, SIM7912 series

2010-2014

Keeping Top 3 in Global Shipment
Launched 4G Cat.1 & Cat.3 modules SIM7100, SIM7600 series
Qualified in AT&T recommended module list

2006-2009

Shipment ranked No.2 in the world
Entered high-end North American market
Received certifications from overseas operators
Launched 1st 3G module SIM5320 and SIM5360 series

2002-2005

Start up in Shanghai in 2002
Launched 1st self-designed GSM M2M module
Entered overseas market including India and Eastern Europe
Shipments jumped to No.1 in Asia

Global Sales Network

Serve **180⁺** countries and regions in five continents.

Europe

France	Greece	Germany	Holland	Hungary	Italy
Poland	Spain	Ukraine	Britain	Sweden	Austria
Belgium	Turkey	Denmark	Lithuania	Latvia	Slovenia
Slovakia	Serbia	Portugal	Estonia	Croatia	Romania

Asia

China	Myanmar
India	Thailand
Japan	Vietnam
Malaysia	Philippines
Singapore	South Korea

North America

USA (Las Vegas, Florida, SAN Jose)
Canada

Africa/Middle East

South Africa Israel

Oceania

Australia

Latin America

Brazil Argentina

Key Partners and Ecosystem

Helping customers to develop global markets.
Rich certifications save customer large amount of time and investment.

Main Component Vendors

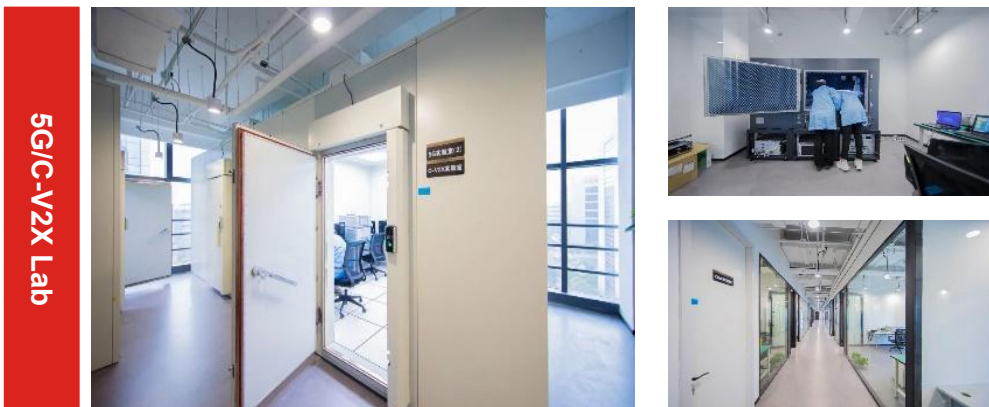## Global Certifications

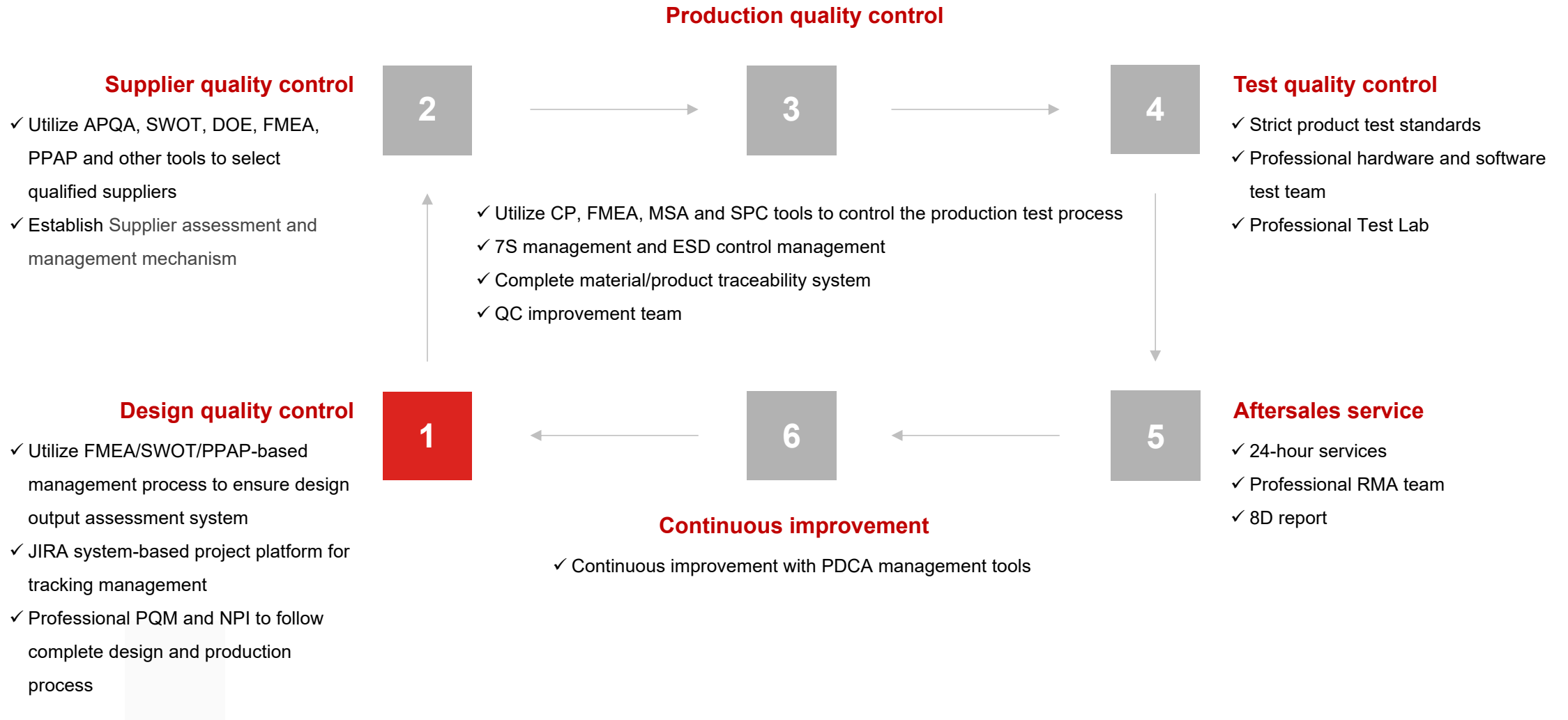## Global Carriers

Software Solutions
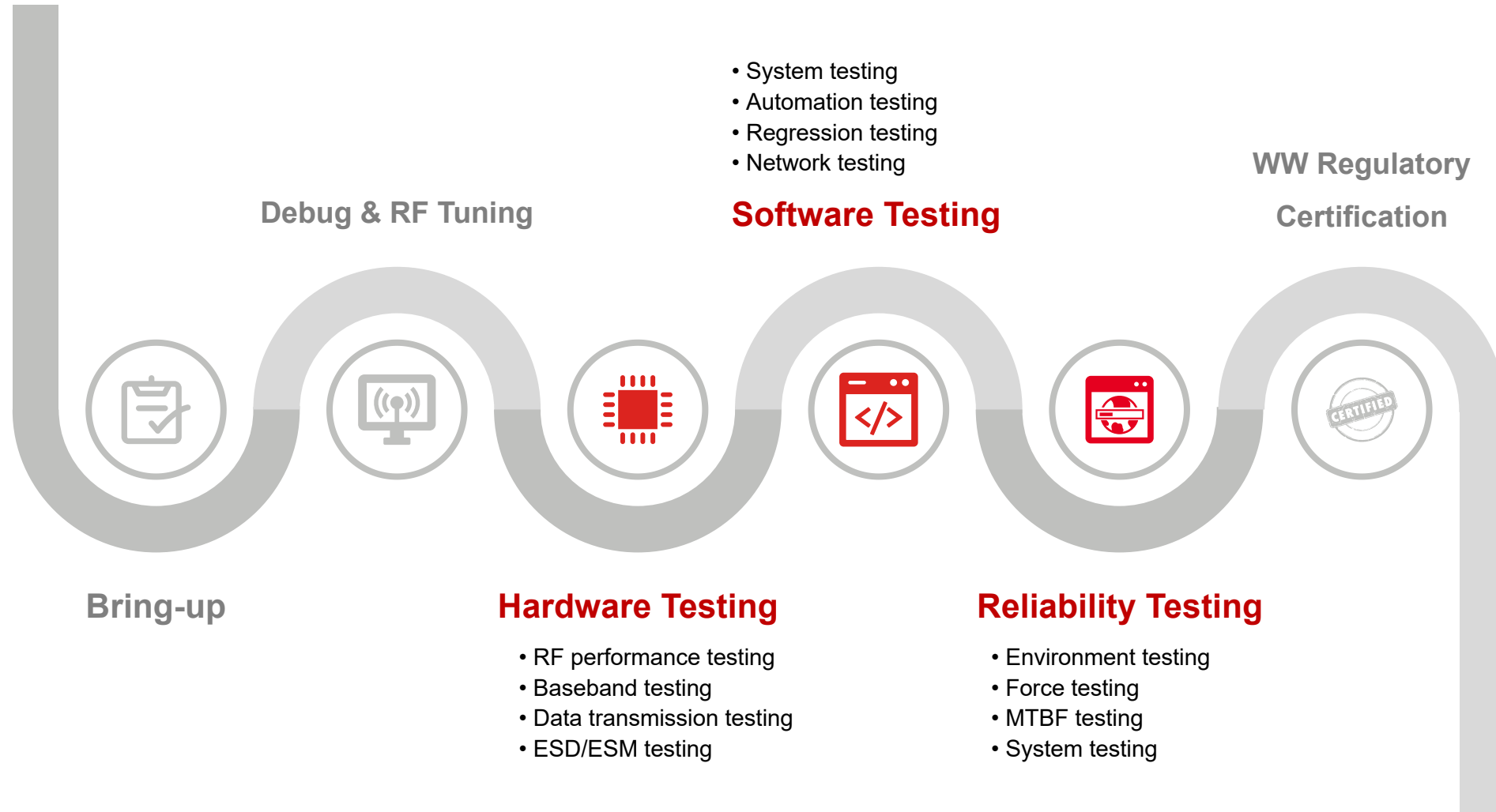

Cloud Platform&Services

Top Level Labs Ensure R&D Quality

5,000+㎡ advanced labs equiped with world's leading instruments

5G/C-V2X Lab

Roller Test

High/Low temperature RF Test

5G Test Instrument

5G mmWave

GNSS Performance Test

Audio Test

High/Low temperature Test

Environment Test
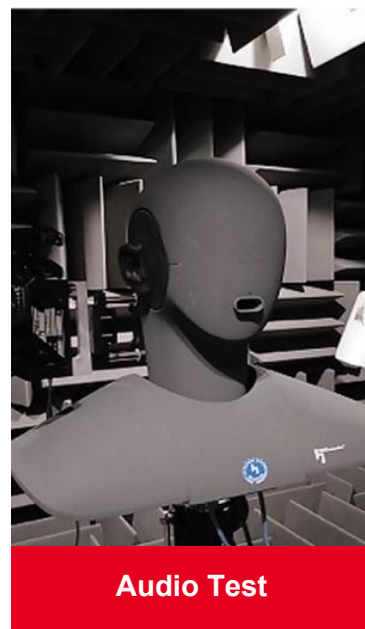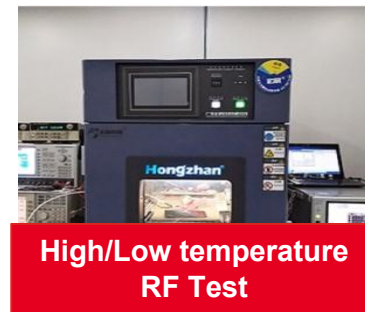
Quality Control Management

SIMCom

Production quality control

Supplier quality control

- ✓ Utilize APQA, SWOT, DOE, FMEA, PPAP and other tools to select qualified suppliers
- ✓ Establish Supplier assessment and management mechanism

2

3

4

Test quality control

- ✓ Strict product test standards
- ✓ Professional hardware and software test team
- ✓ Professional Test Lab

- ✓ Utilize CP, FMEA, MSA and SPC tools to control the production test process
- ✓ 7S management and ESD control management
- ✓ Complete material/product traceability system
- ✓ QC improvement team

Design quality control

1

6

5

Aftersales service

- ✓ Utilize FMEA/SWOT/PPAP-based management process to ensure design output assessment system
- ✓ JIRA system-based project platform for tracking management
- ✓ Professional PQM and NPI to follow complete design and production process

Continuous improvement

- ✓ Continuous improvement with PDCA management tools

- ✓ 24-hour services
- ✓ Professional RMA team
- ✓ 8D report

R&D Quality Control

SIMCom

- System testing
- Automation testing
- Regression testing
- Network testing

Debug & RF Tuning

Software Testing

WW Regulatory

Certification

Bring-up

Hardware Testing

- RF performance testing
- Baseband testing
- Data transmission testing
- ESD/ESM testing

Reliability Testing

- Environment testing
- Force testing
- MTBF testing
- System testing

Supply Chain Management

Multiple qualified factories and automatic production lines

- Qualified factories includes BYD@Shenzhen, BYD@ Xi' an, BIRD@Suizhou, CTT@Huizhou, HEG TECH@Huizhou, MTN@Huizhou, BYD@ Vietnam, BYD@ India, GBR@Brazil

- Innovative Auto lines dramatically shrink back-end cycle times

Business Continuity Management process

- Monitor potential losses ,develop risk-mitigation process
- Continuous review of internal/external partners & suppliers

First-class quality

- Strict quality control system for high-quality products
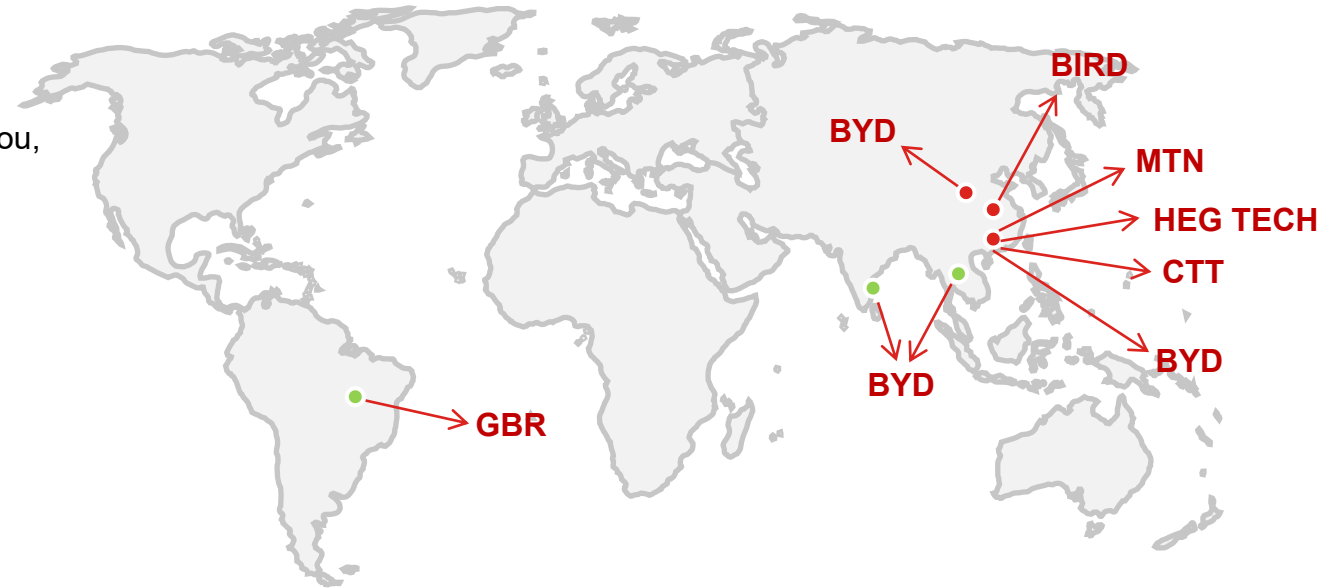
Multiple manufacturing partners assure delivery and lead-time

Production Capacity

- Advanced SMT Machine
- Daily production capacity >200K pcs
- Standard leadtime: 8-12 weeks

Qualified Production System

- ISO9001	- IATF 16949 : 2016
- ISO14001	- QC0800000
- ISO27001	- TL9000
- ISO45001	- ESD2020
- OHSAS18001	

SIMCom manufacturing strategy assures on-time delivery

All-round customer technical support

03. **Test & Debug**

- Board Bring-up
- Performance optimization
- Antenna Guidance
- Applications Support

02. **System Design**

- Support system design issues such as schematic and layout

04. **Certification**

- Global certifications

01. **Promotion/Engagement**

- Product promotion
- Technology discussion

05. **Production**

- Provide guidance on production testing and manufacturing
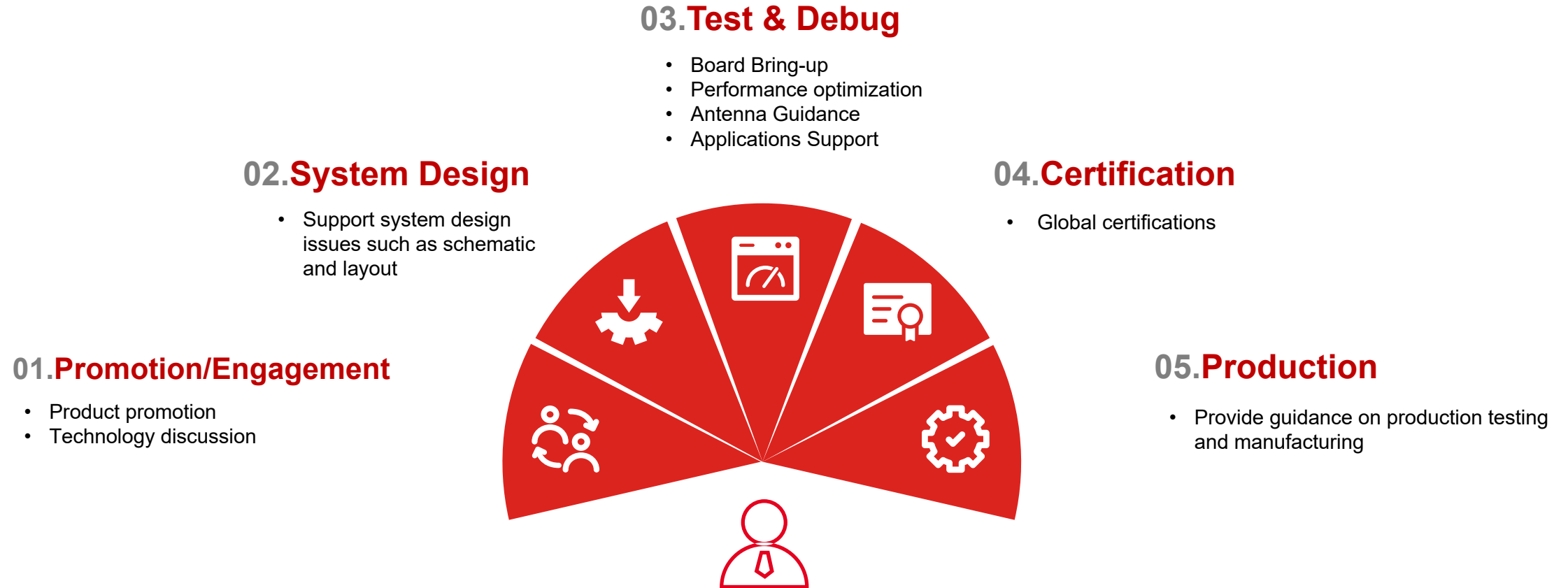
SIMCom is pretigious for its services which are incorporated throughout product life-cycle

Core Competitiveness

01 R&D

With 20 years of hardware development and RF technology accumulation, SIMCom has sustained its lead position in the industry

02 Product roadmap

GNSS GSM
Cat.1 LTE
LPWA 4G NB-IoT
Cat.4/6/12
WIFI 5G Cat.M WCDMA
C-V2X Smart Module

Complete range of product lines providing mutiple choices of network types and chipsets for customer.
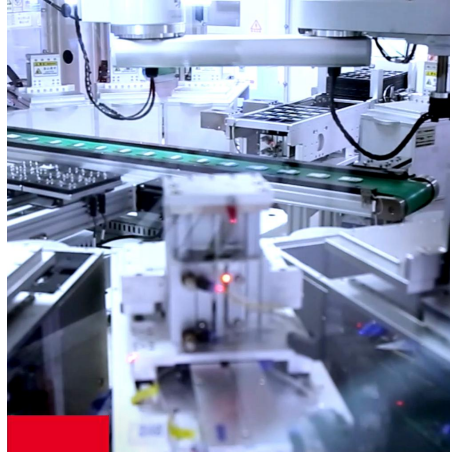
03 Supply Capability

Stable cooperation with five reliable manufacturers who adopts automatic production lines.

04 Sales network

A worlwide sales network with 30+ sales offices covering 180+countries and regions

05 Services

Provide software and certification support based on a customer-oriented service system.

Product
Portfolio

1　2　3

SIMCom Product Portfolios in the 5G Era

Positioning

| Single Frequency & Multi-mode
| Multi-Frequency
| RTK

Low &Middle Data Rate

| 2G/3G
| LPWA
  LTE-M
  NB-IoT
| Cat.1/Cat.1 bis

MBB

| LTE Cat.4
| LTE-A Cat.6
| LTE-A Pro Cat.12
| 5G

Automotive

| Automotive Grade
| Cat.4
| V2X
| 5G/5G+V2X

Edge Computing

| Smart Module
  Entry
  Mid
  High

Complete Range of Cellular & GNSS Product Lines

SIMCom Product Portfolio
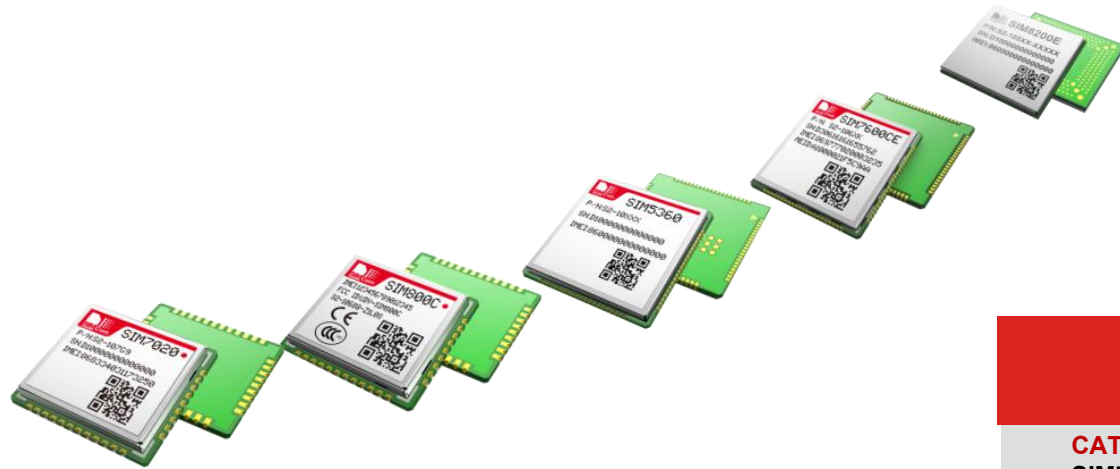
GNSS

SIM68M	SIM68D
SIM66M	SIM68I
SIM66MD	SIM68AT
SIM66D	SIM68AD
SIM33ELA	SIM65M
SIM32ELA	SIM65M-C

2G

SIM800C
SIM800F
SIM868
SIM868E

3G

A5360G

WIFI

For LTE	For 5G
W58	W80
W59	W82

LTE

CAT-4
SIM7600x-H
A7602x-H
A7608x-H
A7602E-H-M2
A7606x-H
A7570x-H

CAT-1
SIM7600x
SIM7500x
SIM7672x
A7672x
A7673x
A7682E
A7683E
A7663E
A7676E
A7602E

LPWA

NB-IoT	CAT-M/NB/2G
R7072	SIM7000x
SIM7022	SIM7070x
Y7080E(L)	SIM7080G
E7025 R3	SIM7090G

Automotive

4G	C-V2X
SIM7800x	SIM8100

5G+C-V2X	ITS AP
SIM8800	SIM8150

LTE-A

CAT-6
SIM7906x-M2
SIM7906x
A7908x
A7908x-M2

CAT-12
SIM7912X-M2
SIM7912X

5G

Sub 6GHz
SIM8202x-M2
SIM8200G
SIM8262x-M2
SIM8260x
SIM8260G-M2
SIM8270x
SIM8230x/SIM8230x-M2

Sub 6GHz&mmWave
SIM8300G-M2
SIM8380G-M2
SIM8380E
SIM8390x

Smart Module

Entry	Middle	High
SIM8905x	SIM8950x	SIM8970x
SIM8918x	SIM8500x	

5G Module Roadmap

		SDX55	SDX62	SDX65	SDX72/75	SDX35
Sub 6GHz+mmW		**SIM8300G-M2** • M.2 • 30*52*3.65mm • Rel-15		**SIM8380G-M2** • M.2 • 30*52*2.3mm • Global • 4+2 Antenna	**SIM8390x** • LGA • 46*53 mm • Rel.17	
Sub 6GHz	**Sub 6GHz** (41.0*43.6mm, LGA)	**SIM8200G** • LGA • 41*43.6 mm • Rel-15	**SIM8260x** • LGA • 41*43.6mm • Rel.16 • -A/-C/-E	**SIM8380E** • LGA • 41*43.6mm • Rel-16	**SIM8270x** • LGA • 46*53 mm • Rel.17	**SIM8230x** • LCC+LGA • 30*30 mm • RedCap
	Sub 6GHz (30.0*52.0mm, M.2)	**SIM8200EA-M2** • M.2 • Rel-15	**SIM8260C-M2** • M.2 • Rel.16 • China **SIM8260G-M2** • M.2 • Rel-16 • Global			**SIM8230x-PCIE** 10.2024 • mini-PCIe • 31*5.8 mm • RedCap
	Sub 6GHz (30.0*42.0mm, M.2)	**SIM8202x-M2** • M.2 • -E/-G • Rel-15	**SIM8262x-M2** • M.2 • Rel.16 • -A/-E			**SIM8230x-M2** 10.2024 • M.2 • 30*42 mm • RedCap

2021　　　　　　　　　　　　**2022**　　　　　　　　　　　　**2024**

LTE-A Module Roadmap

2021~2023

Cat.12

SIM7912x
- LTE Cat 12
- 600M DL/150M UL
- LGA Form Factor
- -E/-A

SIM7912x-M2
- LTE Cat 12
- 600M DL/150M UL
- M.2 Interface
- -E/-A/-G

ASR1828

SDX12

Cat.6

A7908x
- LTE Cat 6
- 300M DL/50M UL
- LGA Form Factor
- -E/-SA

A7908x–M2
- LTE Cat 6
- 300M DL/ 50M UL
- M.2 Interface
- -E/-SA

SIM7906x
- LTE Cat 6
- 300M DL/50M UL
- LGA Form Factor
- -E/-A

SIM7906x-M2
- LTE Cat 6
- 300M DL/50M UL
- M.2 Interface
- -E/-A/-G

Note : Special variants for CBRS/LAA/4x4 MIMO

LTE Module Roadmap

QUALCOMM ASR MICROELECTRONICS SIMCom

30x30 Family	24x27 Family	24x24 Family	Other Series

Cat.4

SIM7600CE/SIM7600x-H Series
30x30mm
4G/3G/2G
-E/-V/-A/-NA/
-JC/-SA/-G

A7608SA-H
30x30mm
4G/3G/2G
South America
Taiwan

A7602E-H
30x30mm
4G/3G/2G
EMEA
Oceania

A7606E-H Series
30x30mm
4G/3G/2G
EMEA
Oceania

mPCIE card available

A7602E-M2
• 30x42mm
• 4G/3G/2G

Cat.1

SIM7600x Series
30x30mm
4G/3G/2G
-A/-E/-SA/-NA/-G

A7602E
30*30mm
4G/2G
EMEA

SIM7500x Series
24x27mm
4G/3G/2G
-A/-V/-AD/-E/-JC/-JE

SIM7672x
24x24mm
Cat-1 bis only
-E/-NA/-G

Jan 25 **A7671x**
24x24mm
Cat-1 bis only
-E/-SA/-S

A7672x Series
• 24x24mm
• 4G/2G
• -E/-SA/-S
• BT5.0/GNSS (optional)

A7672G
• 24x24mm
• 4G/2G
• Global

A7676E
• 24*24mm
• 4G/2G
• LTE450

Small size Package

A7682E
• 19.6*19.6mm
• EMEA
• 4G/2G
• Compatible with SIM800C

A7683E
• 15.7*17.6mm
• EMEA
• Cat-1 bis only
• Compatible with SIM800C

A7663E
• 19.6*19.6mm
• EMEA
• Cat-1 bis only+GNSS
• Compatible with SIM800C

Jan 25 **A7681x**
• 15.7*17.6mm
• Cat-1 bis only
• -E/-SA/-S

24x24mm Family Compatible Design
30x30mm Family Compatible Design

LPWA Module Roadmap

QUALCOMM
芯翼信息科技(上海)有限公司
XINYI INFORMATION TECHNOLOGY (SHANGHAI) CO.,LTD.

EIGENCOMM
More than connection

SIMCom

CAT-M /NB-IoT/2G &GNSS

SIM7000X
- LCC
- 24*24*2.6mm
- CAT-M/NB-IoT/2G
- -A/-E/-JC/-G

SIM7070X
- LCC
- 24*24*2.3mm
- CAT-M/NB-IoT/2G
- -G/-E(LTE450)

SIM7080G
- LCC+LGA
- 17.6*15.7*2.4mm
- CAT-M/NB-IoT

SIM7090G
- LGA
- 14.8*12.8*2.0mm
- CAT-M/NB-IoT

24Q4 MP

SIM7070G-HP-S
- 24.0*24.0mm
- CAT-M/NB2/EGPRS
- Embedded GNSS
- Iot-NTN

NB-IoT

SIM7022
- LCC
- 17.6*15.7*2.3mm
- NB-IoT

Y7028
- 17.6* 15.7* 2.3mm
- NB-IoT

Y7080E(-L)
- 17.6* 15.7* 2.3mm
- NB-IoT Only

NB-IoT &GNSS

Y7080E
- 17.6* 15.7* 2.3mm
- NB-IoT+GNSS

NB-IoT &2G

R7072
- 24.0x24.0mm
- NB-IoT +2G

NB-IoT &BLE

24Q4 MP

E7025 R3
- 17.6*15.7mm
- NB-IoT only
- BLE 5.1

Mass Production	In development

LTE450 Module Roadmap

LTE
CAT-1/CAT-1 bis/2G

A7676E
- LCC+LGA
- 24*24*2.4mm
- CAT-1/2G
- B1/B3/B8/B20/B28*/B31/B72

CAT-M
/NB-IoT(option)/2G* (option)
&GNSS

SIM7070E
- LCC
- 24*24*2.3mm
- CAT-M/NB-IoT/2G*/GNSS

Mass Production

Automotive Module Roadmap

QUALCOMM **ASR** MICROELECTRONICS **SIMCom**

5G+V2X

SIM8800x
5G+V2X

- 5G Sub 6Ghz NSA/SA
- LGA package
- 5G+PC5 (Optional)
- 3GPP release 15 for 5G &C-V2X
- Qualcomm SA515M

SIM8100
V2X only

- PC5   (LTE-V2X)
- 3GPP release 14
- LGA package
- Qualcomm MDM9150

SIM8150
ITS AP

- AP module
- LGA package
- 13K DIMPS
- Quad CPU Cores Qualcomm SA2150P

4G

SIM7800x

LTE Cat 4

- LTE Cat 4 150Mbps DL/ 50Mbps UL
- LGA package
- Qualcomm MDM 9628

SIM7805x

LTE Cat 4

- LTE Cat 4 150Mbps DL/ 50Mbps UL
- LGA package
- Qualcomm MDM 9628

A7805x
LTE Cat 4

- LTE Cat 4 150Mbps DL/ 50Mbps UL
- LGA package
- ASR 1806

Mass Production

Smart Module Roadmap - With Cellular

High

SIM8970X
- 44.1*45.6*2.8mm
- LCC+LGA Package
- LTE Cat.6,300M DL/50M UL
- CPU **QCM6125** ,Octa ARM V-8 cores up to 2.0GHz
- 2520*1080 Dual display
- Camera 25MP
- Wi-Fi/BT/GNSS integrated
- **Android 10/11 /13**
- EU/SA/NA

Medium

SIM8950X
- 44.1x45.6x2.8mm
- LCC+LGA Package
- LTE Cat.4,150M DL/50M UL
- CPU **SDM450** Octa-Core A53 1.8GHz 64bit
- Display 4K@30fps
- Dual Display support
- Camera 24MP 13MP+13MP
- Wi-Fi/BT/GNSS integrated
- **Android 8/9/10**
- EC/AC

SIM8918X
- 40.5x40.5x2.8mm
- LCC+LGA Package
- LTE Cat.4,150M DL/50M UL
- CPU **QCM2290** 4xA53 2.0GHz
- 1680*720 HD+ Display
- Camera 13MP
- Wi-Fi/BT/GNSS integrated
- **Android 11/12/13/Linux**
- CE/EA/SA/NA/JP

ES 25Q1

SIM8965G

40.5*40.5*3.0mm
LCC+LGA Package
LTE Cat.4,150M DL/50M UL
SM6115
Octa-Core 2.0GHz
One Display
Dual Cameras
WIFI/BT/GNSS
PIN compatible with SIM8918

Entry

SIM8905X
- 40.5x40.5x2.8mm
- LCC+LGA Package
- LTE Cat.4,150M DL/50M UL
- CPU **MDM8909** 4xA7 1.1GHz
- 720P HD Display
- Camera 8MP
- Wi-Fi/BT/GNSS integrated
- **Linux 3.18 and 4.9**
- E/A R2

SIM8500X
- 40.5*40.5*2.8mm
- LCC+LGA Package
- LTE Cat.4,150M DL/50M UL
- CPU **SL8541** Quad-Core A53@1.4GHz
- 1440*720@60fps Display
- Camera 13MP
- WIFI/BT4.2/GNSS
- Android 10
- CE/EA

Mass Production	In development

Smart Module Roadmap - Without Cellular

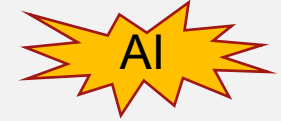**QUALCOMM** | **SIMCom**

24Q4 MP

High

SIM8070
- 44.1*45.6*2.8mm
- LCC+LGA Package
- CPU QCM6125 ,Octa
  ARM V-8 cores up to 2.0GHz
- 2520*1080 Dual display
- Camera 25MP
- WIFI/BT

SIM9650L-W
- LGA
- 42,5*56.5*3.0mm
- QCS6490
- **AI 14 TOPS**
- Octa-Core 2.7GHz(1×A78 2.7GHz +3×A78 2.4GHz+ 4×A55 1.9GHz)
- WIFI 6E/BLE/GNSS
- **Android 14**

AI

Med

SIM8050LH
- LCC+LGA 44.1*45.6*2.8mm
- SDM450
- Octa-Core 1.GHz
- Dual Display、 Dual Cameras
- WIFI/BT

SIM8918W
- LCC+LGA 40.5*40.5*2.8mm
- QCM2290
- Quad-Core 2.0GHz
- 1 Display、 3 Cameras
- WIFI/BT

Entry

SIM8905E-W
- LCC+LGA 40.5*40.5*2.8mm
- MSM8909
- Quad-Core 1.1GHz
- 1 Display、 Dual Cameras
- WIFI/BT

Mass Production	In development

GNSS Module Roadmap

Multi Frequency

SIM68D
- 16*12.20*2.4mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS
- L1+L5

SIM68AD
- 16*12.20*2.4mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS
- L1+L5: DR

SIM66D
- 16*12.20*2.4mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS
- L1+L5: RTK*

SIM66MD
- 10.1*9.7*2.5mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS
- L1+L5: RTK*

Multi Mode Single Band

SIM68M
- 10.1* 9.7* 2.5mm
- LNA/SAW Inside
- Beidou/GLONASS

SIM65M
- 10.1* 9.7* 2.5mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS

SIM65M-C
- 10.1* 9.7* 2.5mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS

SIM33 Series
(Embedded Antenna)
SIM33ELA/SIM33EAU

SIM32ELA
(Embedded antenna)
- 14* 9.6* 2.15mm
- LNA/SAW Inside
- Beidou/GPS/GLONASS/Galileo/QZSS

Mass Production

WIFI Module Roadmap

For LTE

W58
- 16.6x13mm
- Base on QCA-9377-3
- **Wi-Fi with SIM7600X-H**
- IEEE 802.11b/g/n

W74
- 16.6x13mm
- Base on QCA6174A
- **Wi-Fi with SIM7612X**
- IEEE 802.11a/b/g/n/ac

W59
- 16x18.3mm
- Base on QCA-6574A-3
- **Auto Grade Wi-Fi with SIM7800**
- IEEE 802.11a/b/g/n/ac

For 5G

W80
- 17x24mm
- Base on QCA-6391
- **WIFI 6 with SIM8200 series**
- IEEE 802.11a/b/g/n/ac/ax
- Support 2x2+2x2 MU-MIMO

W82
- 17x24mm
- Base on WCN6856
- **WIFI 6 with SIM8260 series**
- IEEE 802.11a/b/g/n/ac/ax
- Support 2x2+2x2 MU-MIMO

24Q4 MP

W86
- 26x21mm
- Base on WCN-7851
- **WIFI 7 with SIM8270 series**
- IEEE 802.11a/b/g/n/ac/ax/be
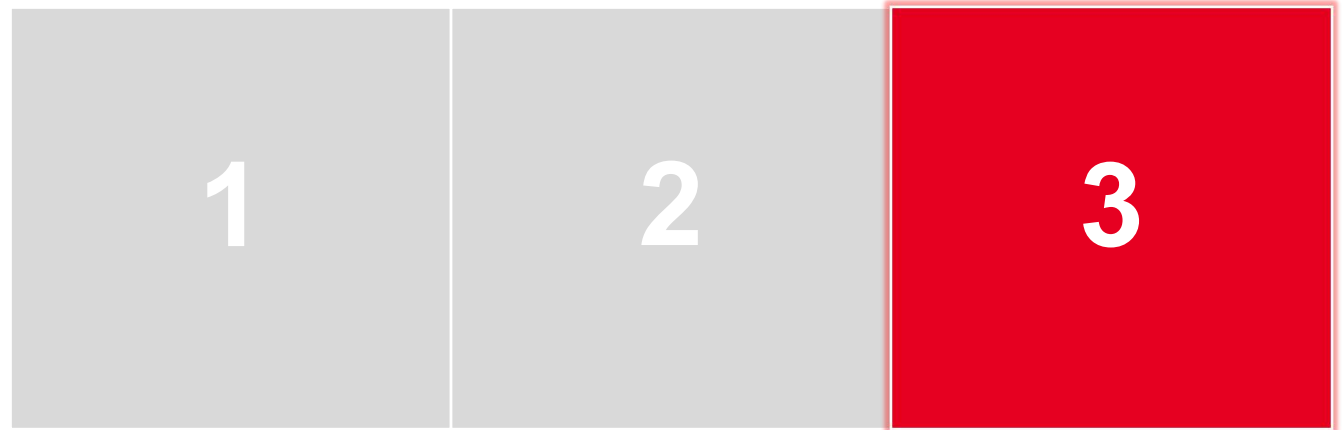- Support 2x2 MU-MIMO

24Q4 MP

W87
- 32.5x29.5mm
- Base on QFW71X4
- **WIFI 7 with SIM8270 series**
- IEEE 802.11a/b/g/n/ac/ax/be
- Support 4x4 MU-MIMO

Mass Production	In development

IoT
Applications

Typical Applications

Industry

- Industrial PDAs/ Scanners
- Industrial PCs
- Rugged Tablet PCs
- Pipeline Monitors

- Robots
- Flowmeters
- UAVs
- Industrial Refrigerators

- Indoor Air Monitozzzrs
- Water Valves/ Pump Controls

Life & Healthcare

- Personal Trackers
- Pet Trackers
- Wearables
- Home Automation

- Elderly Monitoring
- Remote Medical Equipment
- Glucometers
- Blood Pressure Monitors

- Recreational Machines
- Patient Monitoring Laptops

Agriculture & Environment

- Trail Cameras
- Food Traceability
- Farmland Monitoring
- Farm Machinery Management

- Meteorological Stations
- Wildlife Tracking
- Irrigation
- Environmental Monitoring

Typical Applications

Telematics & Transport

- Automotive OEMs
- Vehicle Tracking
- Asset Tracking
- Ship Tracking
- Special Purpose Vehicles
- Fleet Management
- OBD
- Vehicle DVRs
- Usage-Based Insurance

Energy

- Electricity Meters
- Gas Meters
- Water Meters
- Heat Meters
- Smart Grid
- Wind Turbines
- Solar Panels
- Charging Piles
- OBD
- Vehicle DVRs
- Usage-Based Insurance

Payment

- Wireless POS
- Cash Registers
- ATMs
- Vending Machines
- Top-up Machines

Typical Applications

Safety

- Alarms
- Intrusion Detection
- Smoke Detectors
- Gas Detectors
- Motion Sensors
- Asset Protection

Smart Cities

- Street Lighting
- Traffic Lights
- Sharing Economy
- Smart Elevators
- Smart Parking
- Parking Meters
- Toll Collection Systems
- Digital Signage
- Advertisement Displays
- Smart Bins
- Outdoor LED Lighting
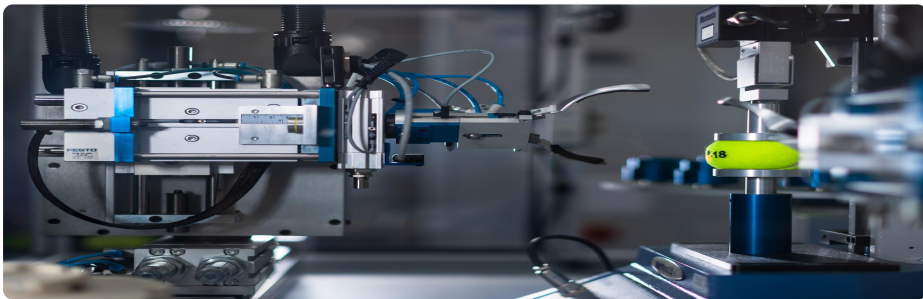
Gateways

- DTUs
- Consumer Routers
- Industrial Routers
- VOIP
- Servers
- Wi-Fi Hotspots

Typical Application
Smart meters

SIMCom and Partners have created a series of smart metering devices in an effort to make sure that Water/gas/electricity is better distributed and protected.

These Smart metering applications were equipped with SIMCom's LPWA modules, used to realize remote data transmission and control. It supports accurate measurement, remote data transmission and real-time monitoring. More than that, it has certain warning functions, and helps the control platform to enable smart management, improve the management efficiency, and save human and time cost to a very large extent.

SIMCom

Typical Application
Smart Payment

Alipay Box Dragonfly F1 is a device terminal that combines Alipay Cloud's face recognition function and IoT technology. SIMCom smart modules have been used in this device for data transmission. Alipay Box Dragonfly F1 combines voice broadcast, password keypad, and advertising electronic poster, face recognition payment, scan code payment and other functions.

Compared with traditional payment methods, with the addition of biometrics and facial recognition, smart payment has enabled convenient self-service shopping, giving consumers a hands-free experience.

SIMCom

Typical Application
Industry Router

Industry router is a fundamental device in the wireless communication. SIMCom 5G modules have been used in the 5G industry router, it can use public 4G/5G networks to provide users with long-range wireless big data transmission.

The 5G industrial router adopts high-performance industrial communication processors and industrial wireless modules and an embedded real-time OS is operating as its software support platform.
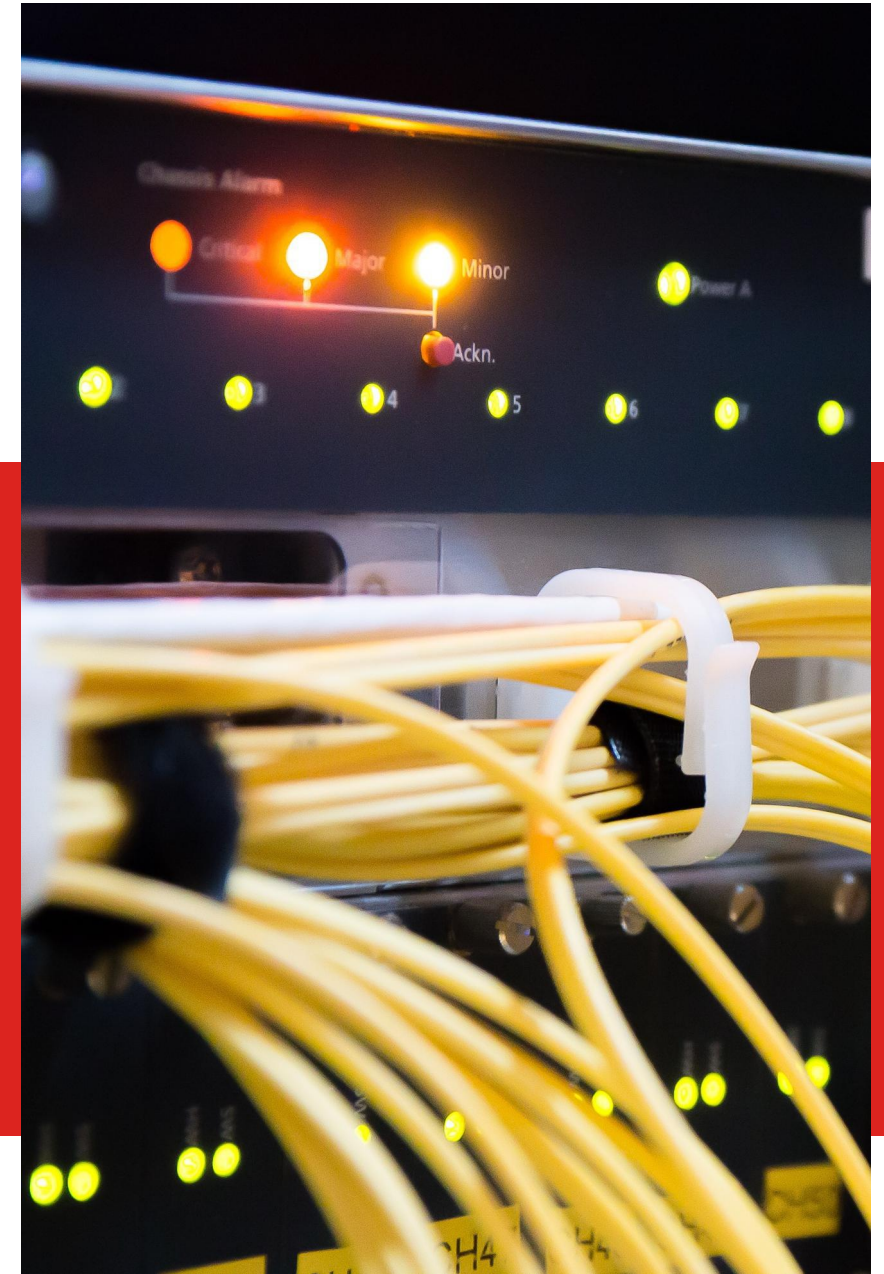
**SIMCom**

Typical Application
Fleet management

SIMCom LTE Cat.1 modules can provide proper transmission rates for data uploading and downloading, remote controlling, video surveillance, and voice calling. The capability of automatic fall-back to 2G/3G ensures the fleet continuous wireless connection on road. Moreover, the optimized RF design brings much more stability to the networking when the vehicles are running at high speed.

The GNSS positioning modules of SIMCom consist of the modules that support standard precision positioning working on a single frequency and dual frequency and the high-precision modules with capabilities such as RTK (Real Time Kinematics), and DR (Dead Reckoning).
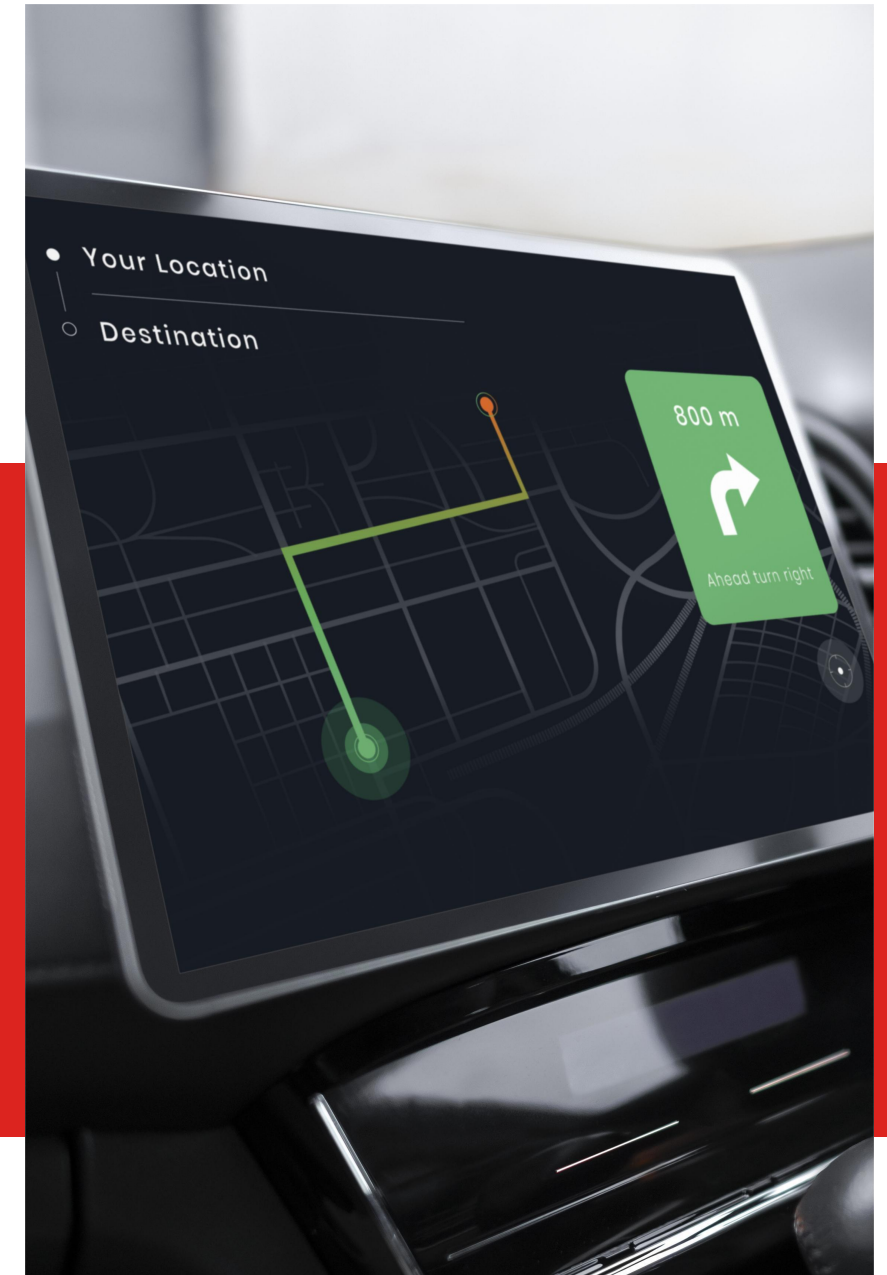
SIMCom

Typical Application
T-Box

With increasing demands from car owners, the majority of new vehicles are equipped with networking capabilities. The penetration rate of vehicle interconnectivity will increase year by year. With complicated and harsh in-vehicle environment, this requires high standards on equipment and components, and core components need to meet automotive grade requirements. SIMCom's automotive modules can provide OEMs and tier-1s vendors with a more stable and reliable solution.

SIMCom
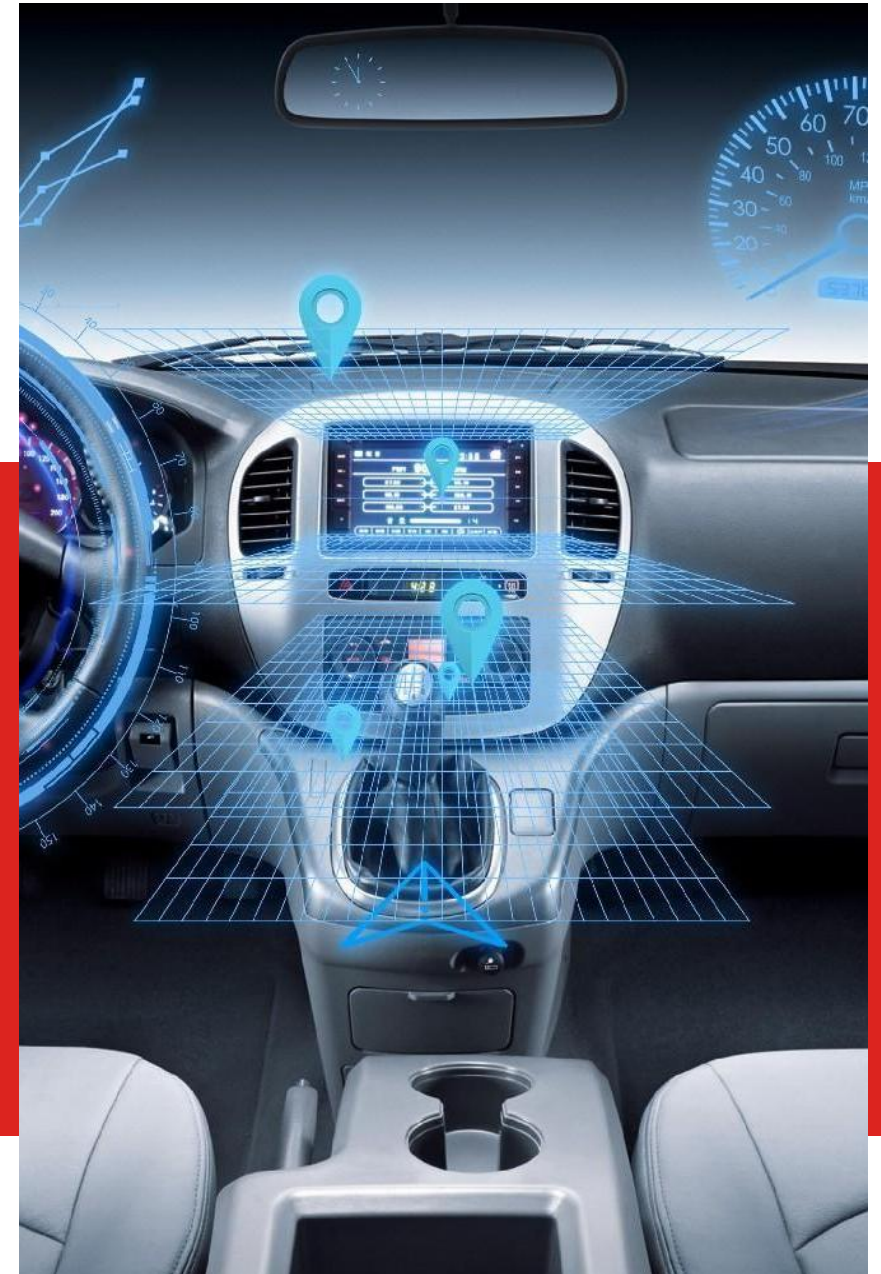
Typical Application
In-Vehicle Infotainment(IVI)

With the prosperous development of the automotive industry and the transport industry, in-vehicle infotainment system is expected to become a highlight of future vehicles, providing the most useful traffic information and entertainment service anywhere anytime, including navigation, video and audio streaming, and network connectivity.

SIMCom has collaborated with its partners to develop highly integrated and cost-effective in-vehicle infotainment, with support for WiFi hotspots, Bluetooth, navigation, music streaming and other features.

SIMCom

INVENTING A SMART FUTURE

Thanks !

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