Sunnyway Technology

GLOBAL IoT ANTENNA SUPPLIER

Connectivity Creates Possibilities

MISSION
Going the extra mile in serving our clients

VALUES
Sincerity . Unity . Innovation . Diligence

VISION
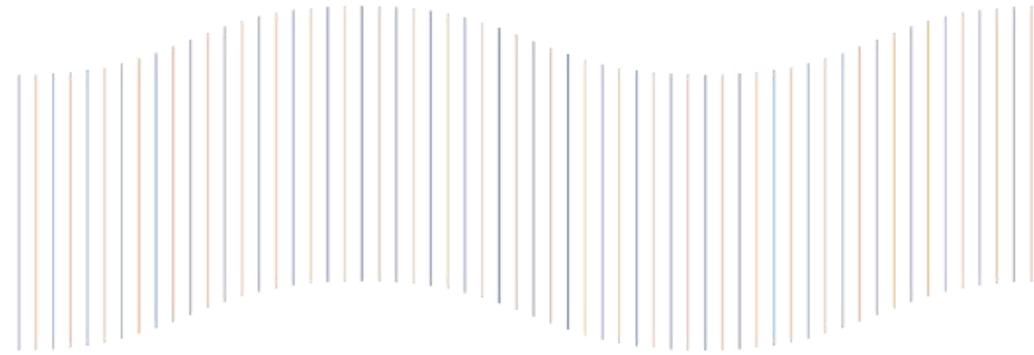Striving to be a global leader in the IoT Antenna Industry

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SUNNYWAY
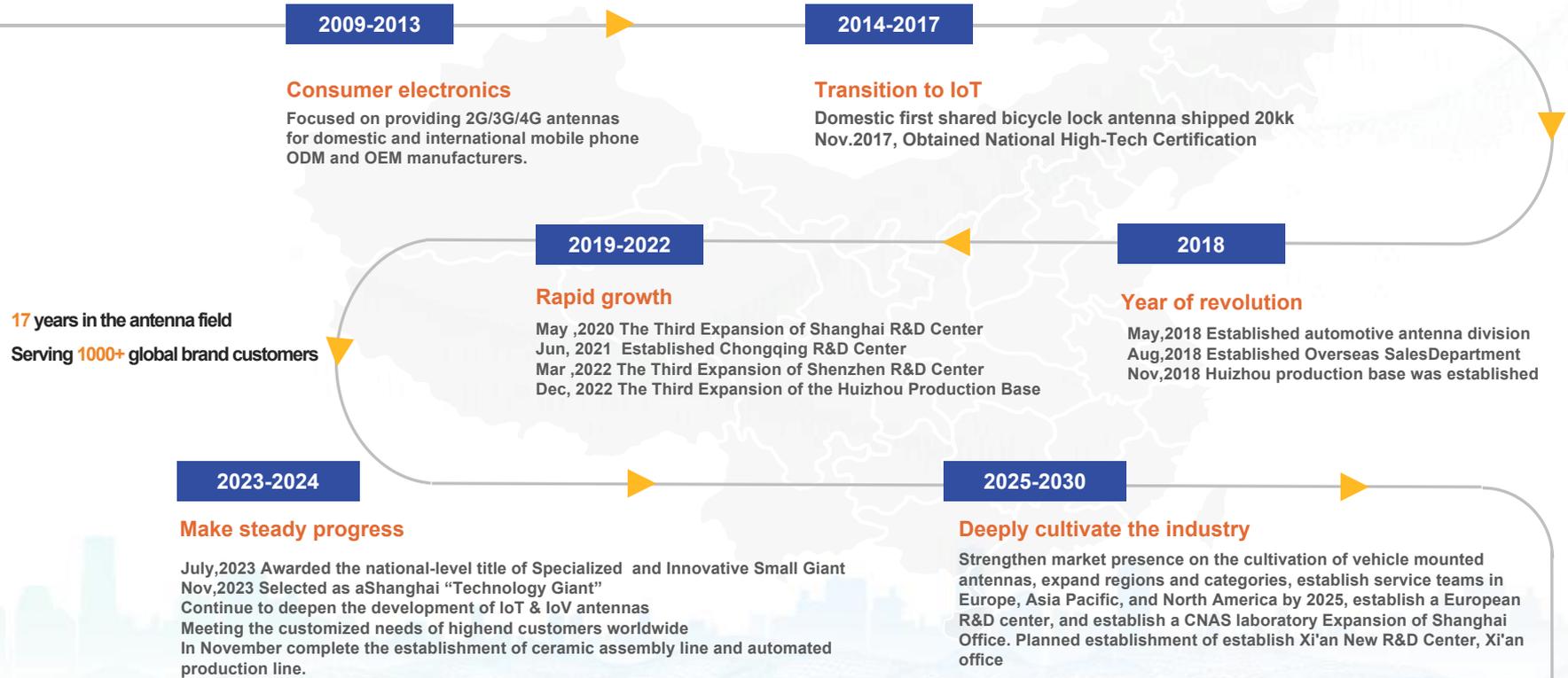IOT ANTENNA SUPPLIER

ABOUT US

Company Profile

Founded in 2009, Sunnyway Technology has obtained the certificate of recognition of high-tech company issued by theState and Shanghai government. Since its establishment, Sunnyway Technology has always been focused on the field of antennas.

We have established R&D centers in Shanghai, Shenzhen, Xian, Chongqing and Istanbul, equipped with more than 13 OTA chambers and nearly 120 RF test equipment. At the Huizhou production base, we rely on a professional team and MES management system to ensure full traceability, and a 12,000-level dust-free workshop and SMT production line to ensure product reliability.

Development history

SUNNYWAY
IOT ANTENNA SUPPLIER

2009-2013
Consumer electronics
Focused on providing 2G/3G/4G antennas for domestic and international mobile phone ODM and OEM manufacturers.

2014-2017
Transition to IoT
Domestic first shared bicycle lock antenna shipped 20kk
Nov.2017, Obtained National High-Tech Certification

2019-2022
Rapid growth
May ,2020 The Third Expansion of Shanghai R&D Center
Jun, 2021 Established Chongqing R&D Center
Mar ,2022 The Third Expansion of Shenzhen R&D Center
Dec, 2022 The Third Expansion of the Huizhou Production Base

2018
Year of revolution
May,2018 Established automotive antenna division
Aug,2018 Established Overseas SalesDepartment
Nov,2018 Huizhou production base was established

17 years in the antenna field

Serving **1000+** global brand customers

2023-2024
Make steady progress
July,2023 Awarded the national-level title of Specialized and Innovative Small Giant
Nov,2023 Selected as aShanghai "Technology Giant"
Continue to deepen the development of IoT & IoV antennas
Meeting the customized needs of highend customers worldwide
In November complete the establishment of ceramic assembly line and automated production line.

2025-2030
Deeply cultivate the industry
Strengthen market presence on the cultivation of vehicle mounted antennas, expand regions and categories, establish service teams in Europe, Asia Pacific, and North America by 2025, establish a European R&D center, and establish a CNAS laboratory Expansion of Shanghai Office. Planned establishment of establish Xi'an New R&D Center, Xi'an office

Enterprise Architecture System

IoT Division

IoV Division

Overseas Business Division

(HQ)Shanghai R&D Center
Established in **2009**
Covers over **2000** m²
5 OTA chambers
55+ R&D engineers
50+ R&D Equipment

Shenzhen R&D Center
Established in **2010**
Covers over **2000** m²
5 OTA chambers
44+ R&Dengineers
50+ R&D Equipment

Chongqing R&D Center
Established in **2021**
Covers over **600** m²
2 OTA chambers
10+ R&D engineers
15+ R&D Equipment

Xi'an R&D Center
Established in **2025**
Covers over **200** m²
1 OTA chambers
4+ R&D engineers
5+ R&D Equipment

Turkey R&D Center
It is expected to be
established in **May 2026.**
Located in **Istanbul.**

Huizhou production base
Established in **2018**
Covers over **12000** m²
8 Wire Stripping Machine
18 Assembly line
100 + Test Equipment
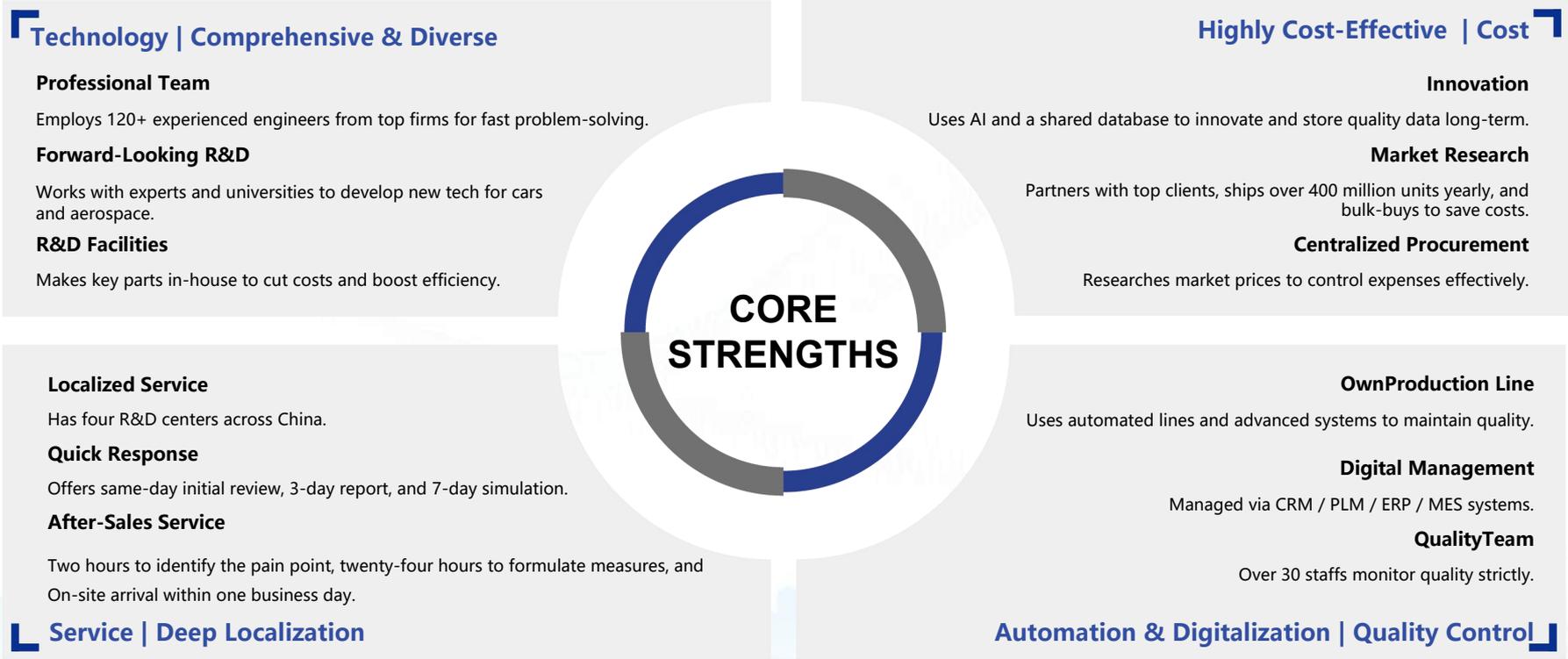Dust-free SMT Workshop

Overseas team
Established in **2018**
Serving **50+** countries
in Europe, the Americas
and South-East Asia
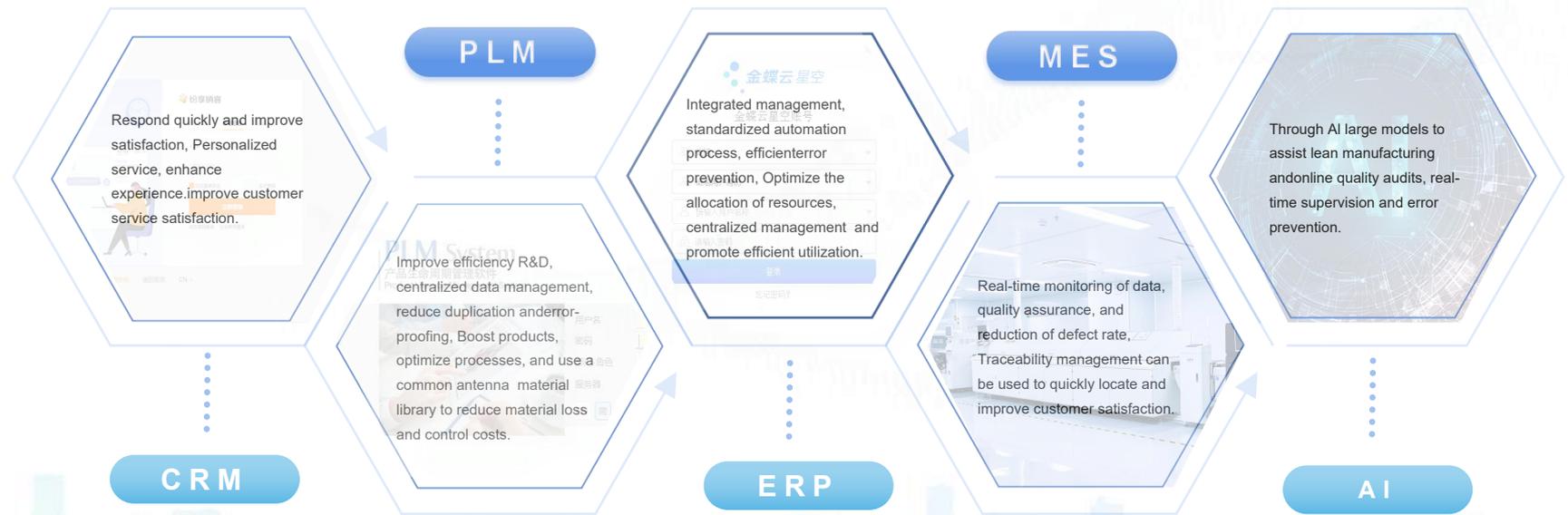with localised services and
timely response to partners

Vitnam EMS Factory
Established in**1999**
Covers over **25000** m²
Provide stable supply for
international customers
for a long time

Advantages Introduction

Technology | Comprehensive & Diverse

Professional Team

Employs 120+ experienced engineers from top firms for fast problem-solving.

Forward-Looking R&D

Works with experts and universities to develop new tech for cars and aerospace.

R&D Facilities

Makes key parts in-house to cut costs and boost efficiency.

Highly Cost-Effective | Cost

Innovation

Uses AI and a shared database to innovate and store quality data long-term.

Market Research

Partners with top clients, ships over 400 million units yearly, and bulk-buys to save costs.

Centralized Procurement

Researches market prices to control expenses effectively.

CORE STRENGTHS

Service | Deep Localization

Localized Service

Has four R&D centers across China.

Quick Response

Offers same-day initial review, 3-day report, and 7-day simulation.

After-Sales Service

Two hours to identify the pain point, twenty-four hours to formulate measures, and On-site arrival within one business day.

Automation & Digitalization | Quality Control

OwnProduction Line

Uses automated lines and advanced systems to maintain quality.

Digital Management

Managed via CRM / PLM / ERP / MES systems.

QualityTeam

Over 30 staffs monitor quality strictly.

Digital Management

Reduce costs and increase efficiency

PLM

CRM

Respond quickly and improve satisfaction, Personalized service, enhance experience.improve customer service satisfaction.

Improve efficiency R&D, centralized data management, reduce duplication anderror-proofing, Boost products, optimize processes, and use a common antenna material library to reduce material loss and control costs.

MES

ERP

Integrated management, standardized automation process, efficienterror prevention, Optimize the allocation of resources, centralized management and promote efficient utilization.

Real-time monitoring of data, quality assurance, and reduction of defect rate, Traceability management can be used to quickly locate and improve customer satisfaction.

AI

Through AI large models to assist lean manufacturing andonline quality audits, real-time supervision and error prevention.

— Connectivity creates possibilities —

Certifications

Acquired **IATF16949, ISO14001, ISO9001, ISO45001,Tisax**

DUN&BRADSTREET

Certificates National Specialized, Specialized &

"Small Giant" & National High-Tech Enterprise.

Invention patents:10 Utility Model Patents: 200+

Passed the ecovadis Social responsibility rating.

R&D STRENGTH
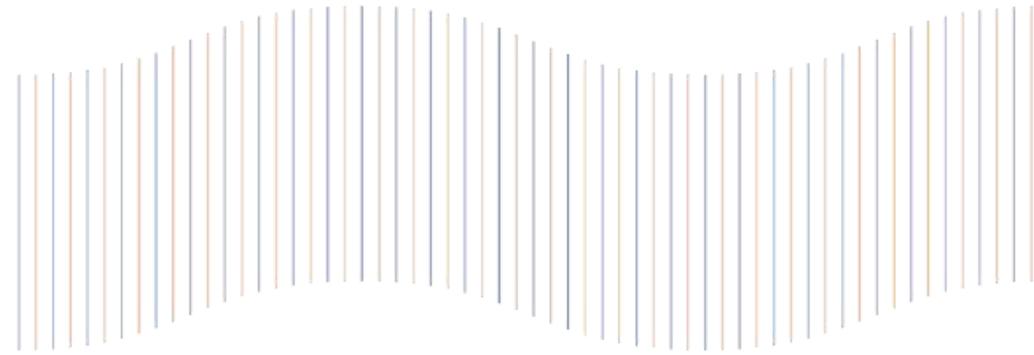
Our Teams

Over 400 employees

The average length of service is about 5 years

10%+ of employees have 10+ years of service

Engineering Team Composition

Position	Numbers
Simulation Engineer	10
Electronics Engineer	8
RF Engineer (5G/BLE/UWB…)	46
RTK GNSS Engineer	15
NFC Antenna Engineer	8
Structural Engineer	18
Process Engineer	8
Test Engineer	12
Total	**125**

■ 10 years+ experience engineer23%

■ 5-10 years+ experience engineer45%

■ 3-5 years+ experience engineer32%

Equipments

Invest $30 million+

in R&D equipment

Equipment	Total	*Shanghai*	*Shenzhen*	*Chongqing*	*Xian*
OTA Chamber	13	5	5	2	1
Full-Function 5G Communication Test Set (SP9500-CTS)	6	2	2	1	1
Wideband Radio Communication Tester (CMW500&8820)	15	6	6	2	1
Wireless Communications Test Set(8960)	9	4	4	1	
Communication Test Set for IoT Terminals (SP8315)	3	1	1	1	
Vector Network Analyzer (ZND / ZVB / E5062A / E5071C / 5071B/)	48	22	22	3	1
Vector Network Analyzer (TRANSCOM / ITENEST)	24	10	11	2	1
OTA Head Hands / Cochlea / Arm	5	2	2	1	
GPS / WiFi Active Tester	8	3	3	2	
ESD Static Electricity Tester	3	1	1	1	
Near Field Interference Scanning	3	1	1	1	
NFC TEST SYSTEM	2	2			
SAR TEST SYSTEM	1			1	
SIMULATION SOFTWARE WORKSTATIONS	8	5	3		

Technology

Transformation

Wisdom
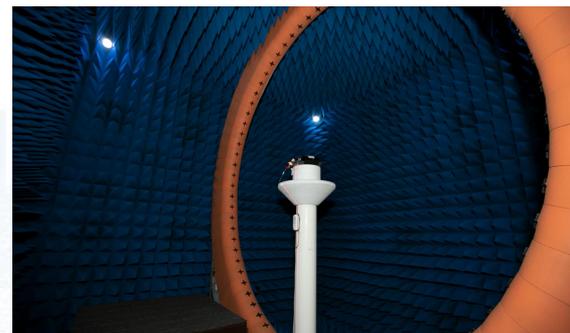
Equipments

OTA Chamber
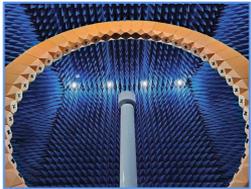
Communication Test Set

SP9500-CTS-5G

NFC TEST SYSTEM

NFC active test equipment

EMI analysis equipment

MXA Signal Analyzer

EMI Test Receiver

Portable network distribution

Others

Head&Hand Phantom

SAR TEST SYSTEM

Forearm Phantom

Advanced equipment

EMC anti-interference treatment

Spectrum analyzer/Amplifier/Probe

- **Optimize the device layout**
- **Rational design of ground wires**
- **Troubleshoot and analyze interference sources**
- **Add a filter**
- **Adjust the test environment**

NFC active testing equipment

Purchase both Cliab and micropross NFC active test equipment simultaneously

Ci230   CTS

☑ **High accuracy and stability**   ☑ **Multi-protocol compatibility**   ☑ **Efficient automated testing**   ☑ **Intelligent data management**

Supported standards：

ISO 14443 proximity A/B

ISO/IEC 18745-2/BSI   NFC Forum CR 12/CR12&WLC NFC TR 13.1

ISO 15693 vicinity   Open for proprietary technologies

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