

SIGNAL PLUS

Company Profile

Connect with you, contact with world.



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Introduction



**R&D
equipment**



Product



Factory



**Business
Partner**



COMPANY INTRODUCTION



Signal Plus Technology Co., Ltd. is a high-tech enterprise established in Jan., 2015 in Shanghai, China

Equipped with precise antenna testing chamber and related equipment, we are specializing in all kinds of antennas which applied to AP/router, fixed wireless phone, LTE CPE, GPS passive/active antenna, DVB, Bluetooth and other internal and external antenna.



INTRODUCTION

- **Signal Plus Technology Co., Ltd.** is a high-tech enterprise which is established in January, 2015 in Shanghai ,China.
- Equipped with precise antenna testing chamber and related equipment, we are specializing in all kinds of antennas which applied to *AP/router, fixed wireless phone, LTE CPE, GPS passive/active antenna, DVB, Bluetooth and other internal and external antenna.*
- Our **hit products** are WIFI/BLUETOOTH antenna, 2G/ 3G/ 4G/ 5G antenna, GPS/ GLONASS/ BDS/ GALILEO antenna, combo antenna and all kinds of RF cable and connector.
- We have our **own factory**, located in Anhui province, which have above 20 production line and more than 300 workers to guarantee your goods to produce smoothly. Up to now, Signal Plus holds 56 patents and many representative honors, such as Shanghai Outstanding High-tech enterprise.

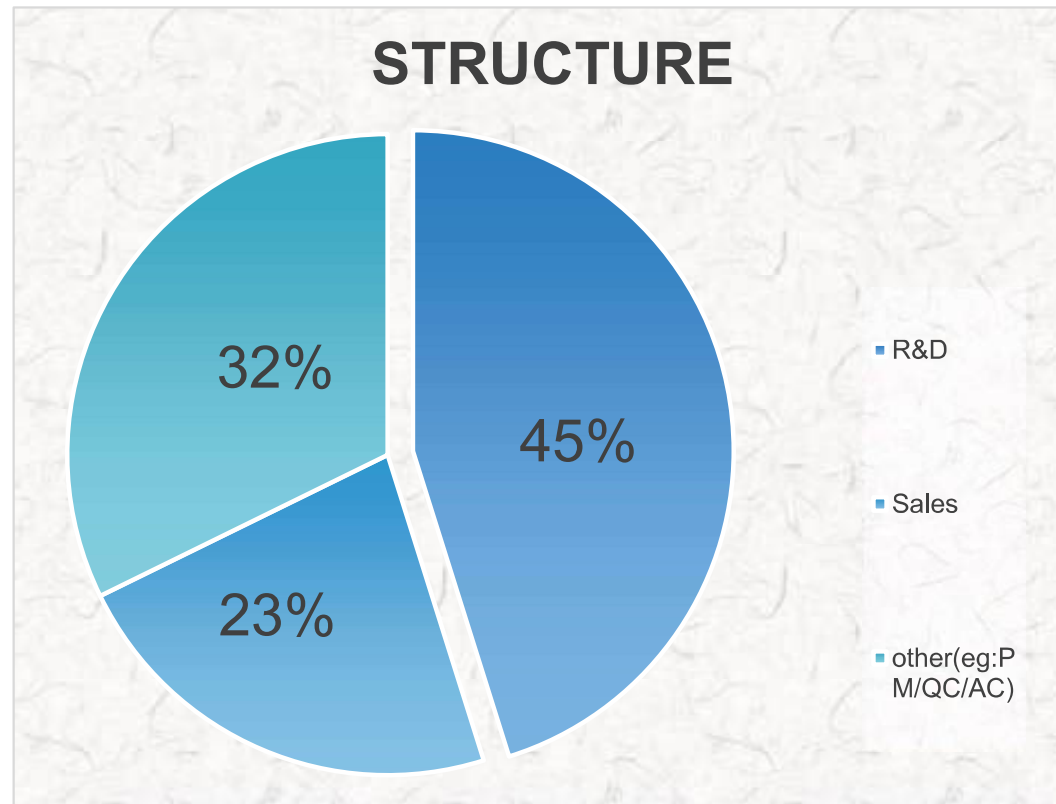


HUMAN RESOURCES

As we have made huge investment in the R&D of antennas, Signal Plus possess of exclusive, well experienced R&D and sales team.

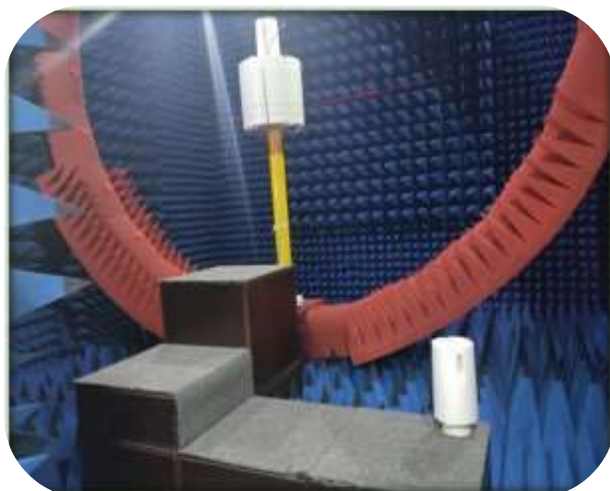
More than 30 engineers help customer to get their ideal products including 10 RF engineers and 4 MD engineers.

Over **80%** of our employees have **a Bachelor degree or above** including 10 RF engineers and 4 MD engineers.



R&D EQUIPMENT - Chamber

We have 3 sets high-performance 3D chambers with size of **7M x 4M x 3M** and **5M x 4M x 3M** and **5x5x5M** The test frequency range is covering from 400MHz to 8GHz.



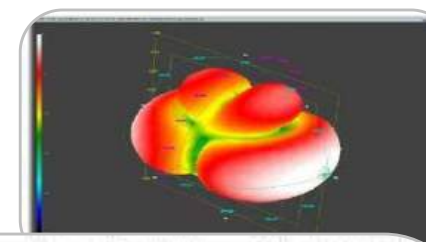
➤ 3D CHAMBER

2G: CDMA450, GSM 850/900/1800/
1900MHz, CDMA800/1900MHz

3G: WCDMA

4G: FDD-LTE, TD-LTE, 450MHz, 3400-
3800MHz

5G: 5000MHz



➤ TEST GRAPHIC

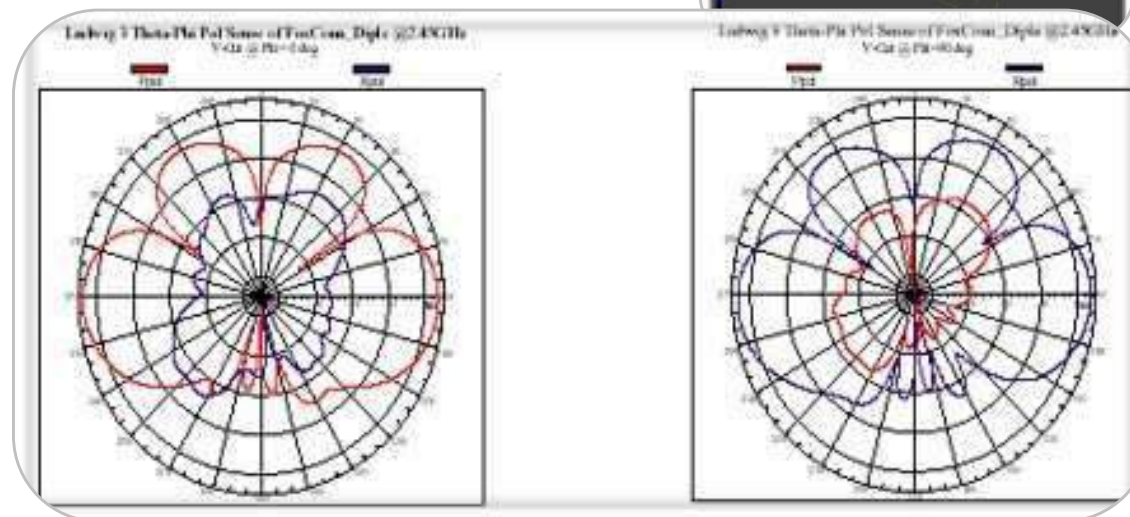
WiFi: 2.4GHz, 5.8GHz, 7.125GHz

RFID/UHF/NFC:

13.56MHz, 433MHz, 750MHz, 915MHz

GPS/BDS/GLONASS/GALILEO:

1559MHz - 1615MHz



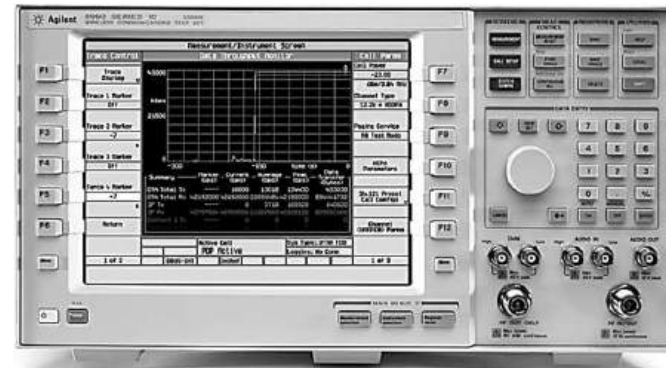
RESEARCH EQUIPMENT

Equipment Name	Model	Quantity
3D chambers	Size: 7*4*3M/5*4*3M/ 5*5*5M Testing frequency range : 400MHz - 6GHz.	3
Network Analyzer	Agilent E5071C	6
2G/3G Comm. Tester	Agilent 8960	3
4G/WiFi Comm. Tester	R&S CMW500	2
	Amway MT8820C	1
GPS Comm. Tester	Agilent E4438C	1
Human Head/Hand Phantom	Speag SHO-V2LP	1
Wire Cutting Machine	Semi-automatic WCM	1
Riveting Press Machine	Full size adaptive RPM	1

R&D EQUIPMENT



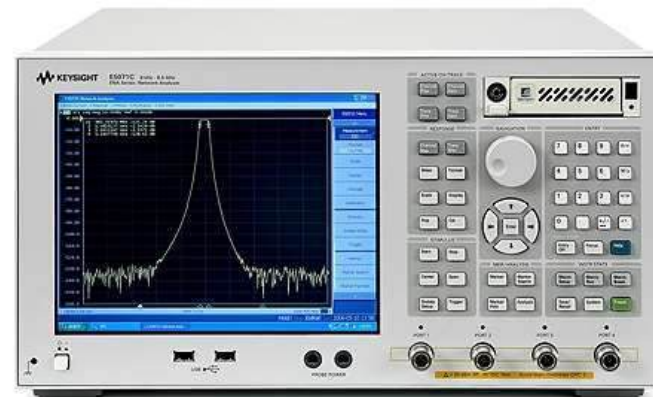
Agilent 8960



ROHDE & SCHWARZ
CMW500



Agilent E5071C



RELIABILITY EQUIPMENT



X-RAY



Salt spray test machine



HRS detector



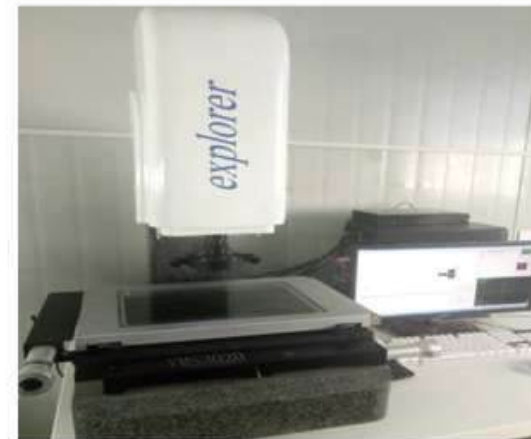
Holding force tester



MI test machine



Falling ball tester



Tool microscope

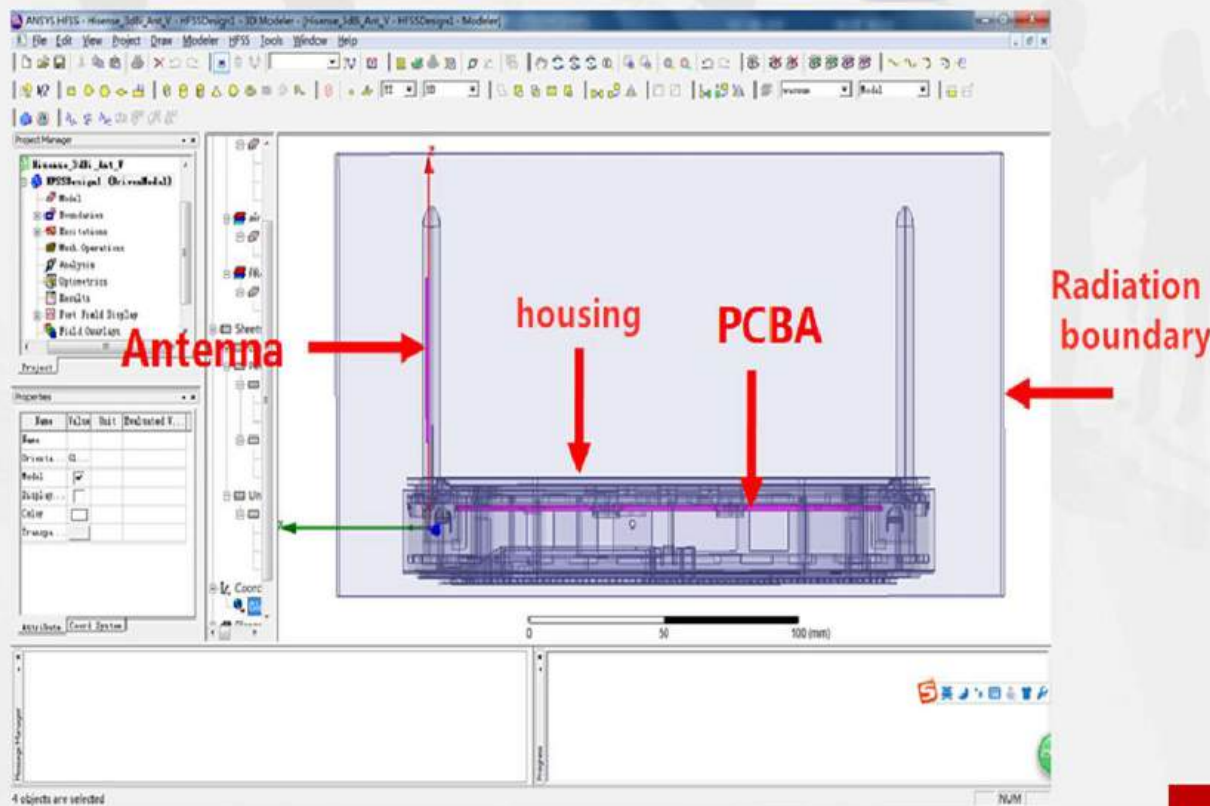


Colorimeter

HFSS ANT. SIMULATION

Offer **antenna simulation report** to clients by using HFSS software tooling, and evaluate the VSWR, Gain, Efficiency, 2D and 3D patterns.

Build the antenna model and set the radiation boundary, excitation method, solving conditions, setting the sweep parameters



Sample HFSS
Simulation

FACTORY FACILITY



Injection molding machine(32 sets)

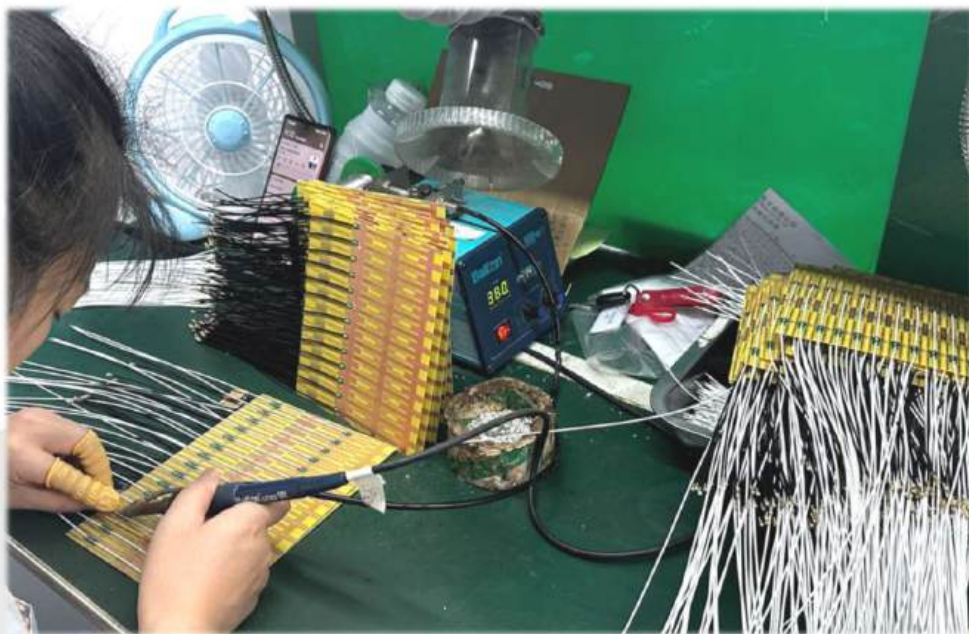


Line Cutting workshop



PRODUCTION PROCESS





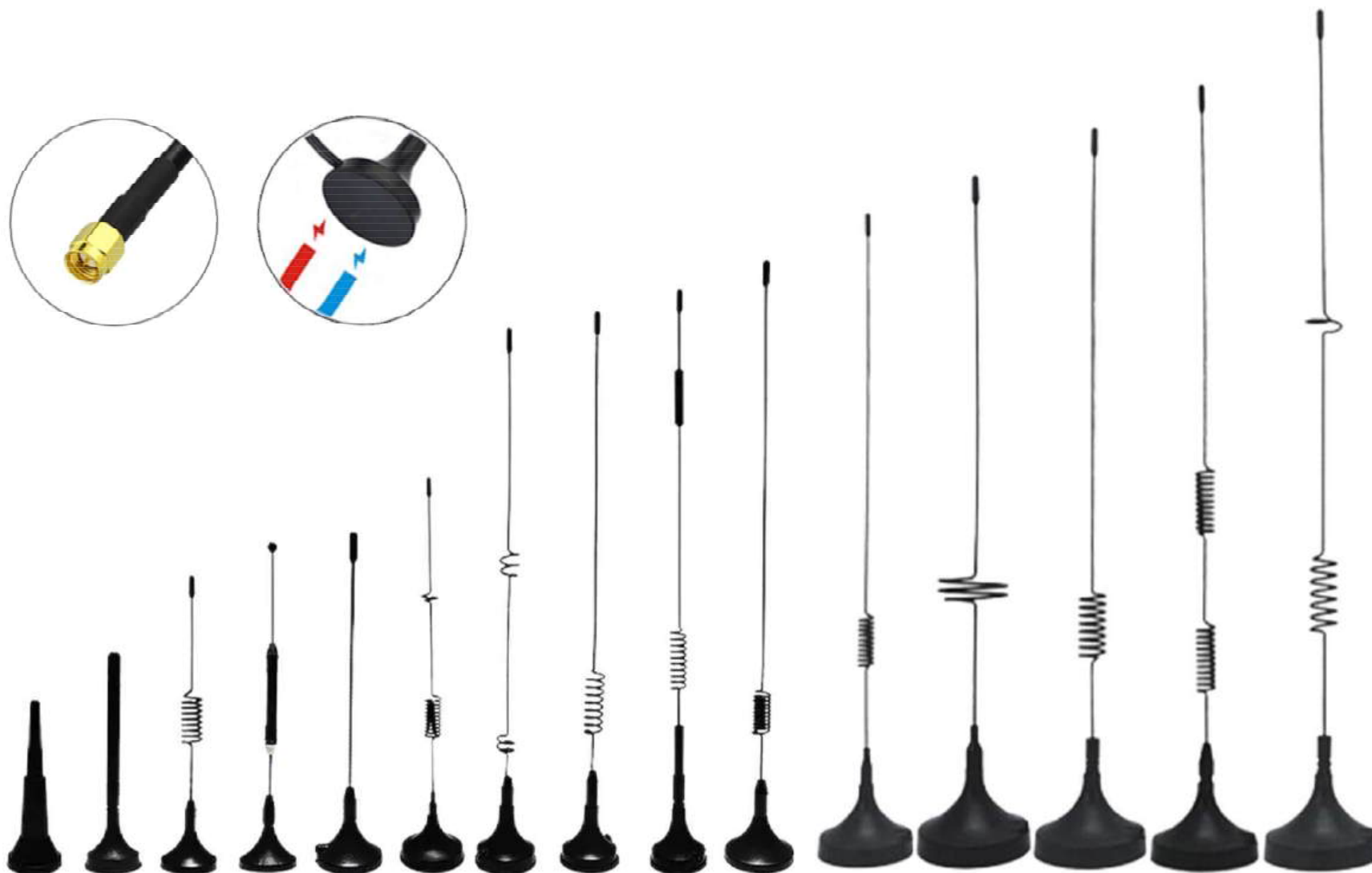
FACTORY FACILITY LIST

No.	Equipment Name	Brand	Model	Quantity
1	Injection molding machine	Lesso	110-200T	32 Sets
2	Mold temperature control machine	Hengchuang	M90	20 sets
3	Pneumatic punching machine	Oley	OL7000	22 sets
4	Automatic cutting machine	TONG ZE	T26800b	10 sets
5	Semi-automatic cutting machine	saiweite	/	4 sets
6	Soldering machine	kungfu	375B	25 sets
7	Heating station	CMW	CM141	19 sets
8	Semi-automatic riveting machine	/	/	5 sets
9	Riveting press machine	Shuangwei	/	14 sets
10	Terminal machine	IPEX	YS-022526	5sets
11	Pipe cutting machine	/	HZX-100	3sets
12	Sealer	/	SF-270	12 sets
13	Assembly line	/	16 Meters/line	16 lines

2G/3G/4G/5G/WIFI/LORA ANTENNA



MAGNETIC ANTENNA



INTERNAL GPS ANTENNA

GPS passive/active ceramic antenna (GLONASS, BDS, GALILEO)

36*36*6(4)



25*25*4(2)



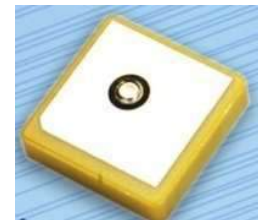
20*20*4



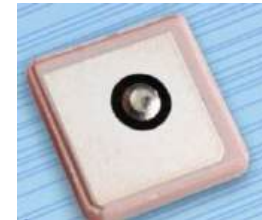
18*18*4(2)



15*15*4



13*13*4(2)



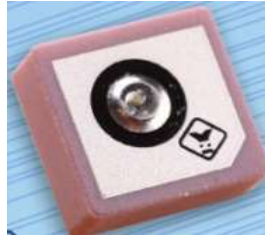
12*12*4



10*10*4



9*9*4



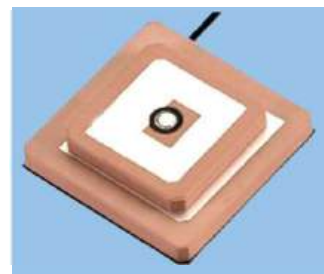
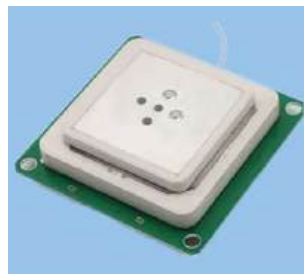
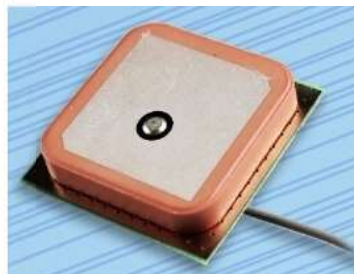
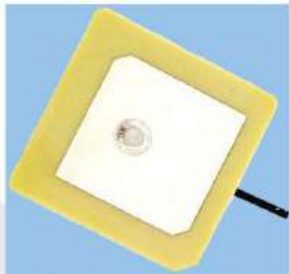
20*6*4



16*6*4

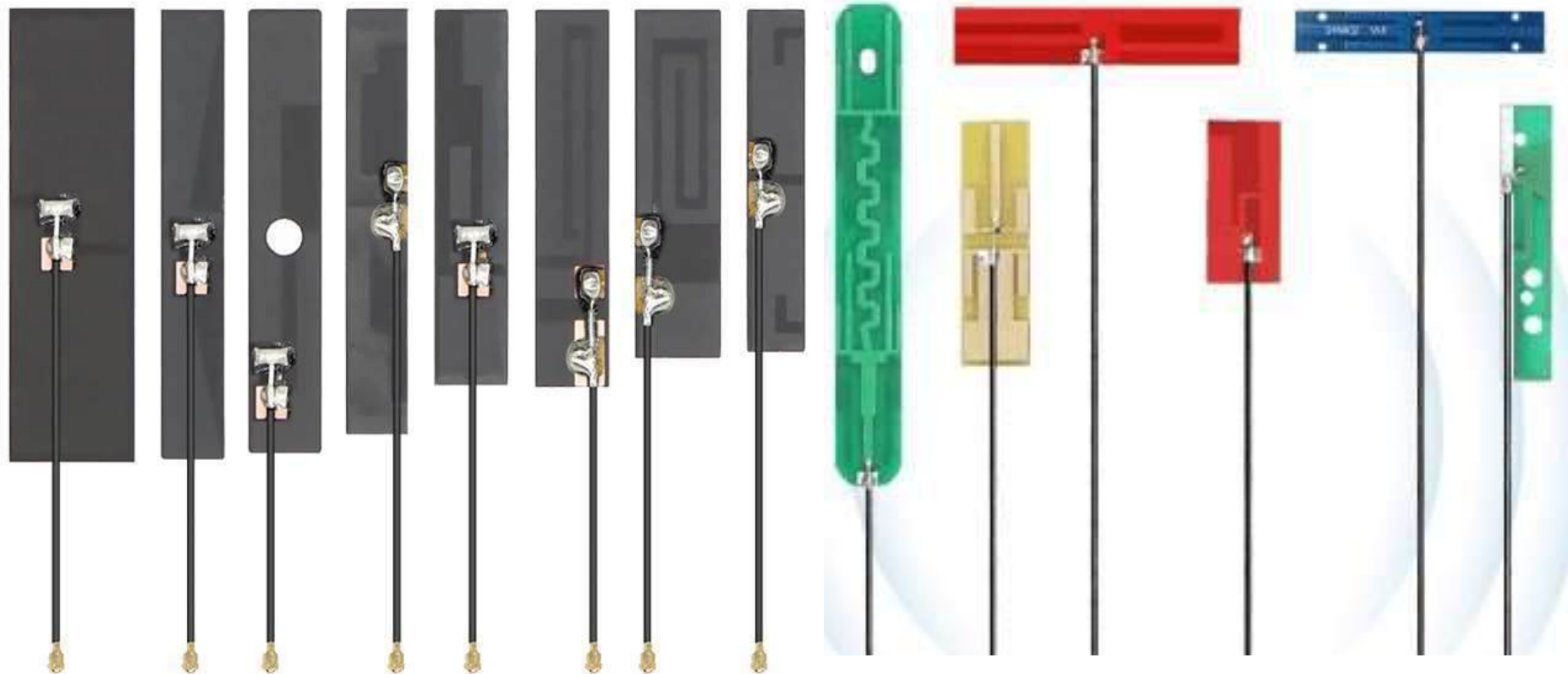


12*6*4



FPC/PCB ANTENNA

2/3/4/5G/LTE/GSM/WIFI/LORA
Full customized antenna supportable.



COMBO ANTENNA



LDS/STAMPING ANTENNA



FIBERGLASS ANTENNA



3dbi



4dbi



5.8dbi



8dbi



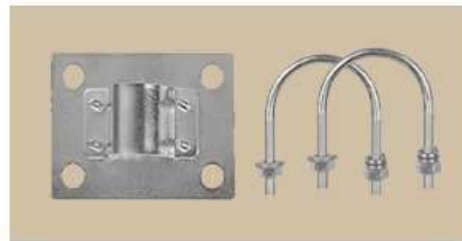
10dbi



12dbi



15dbi



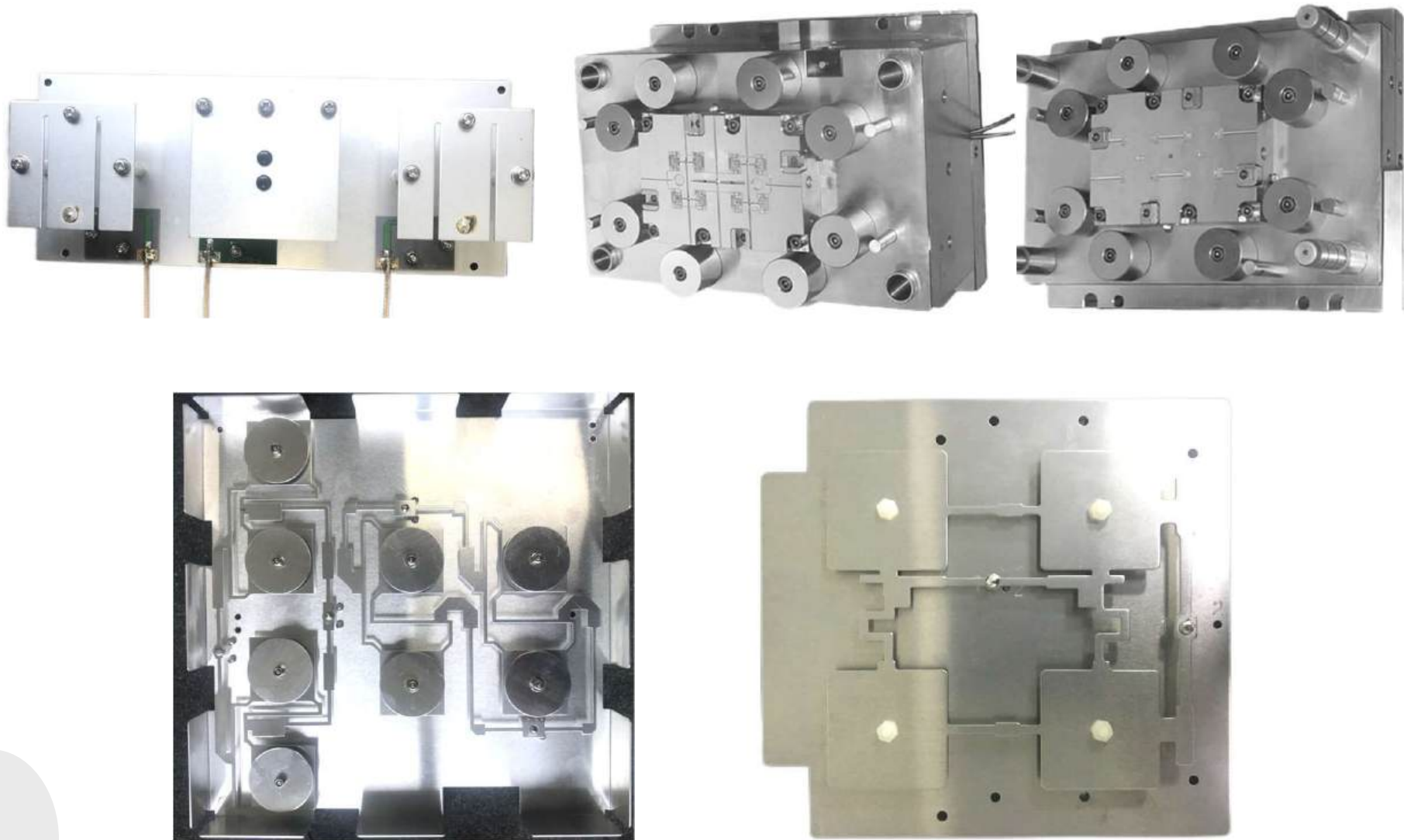
RF CONNECTOR & CABLE



INDOOR/OUTDOOR ANTENNA



INTERNAL HIGH GAIN ANTENNA



FACTORY INTRODUCTION

Plant Area: 9000 Sq. Meters | **Staff:** 300 Employees

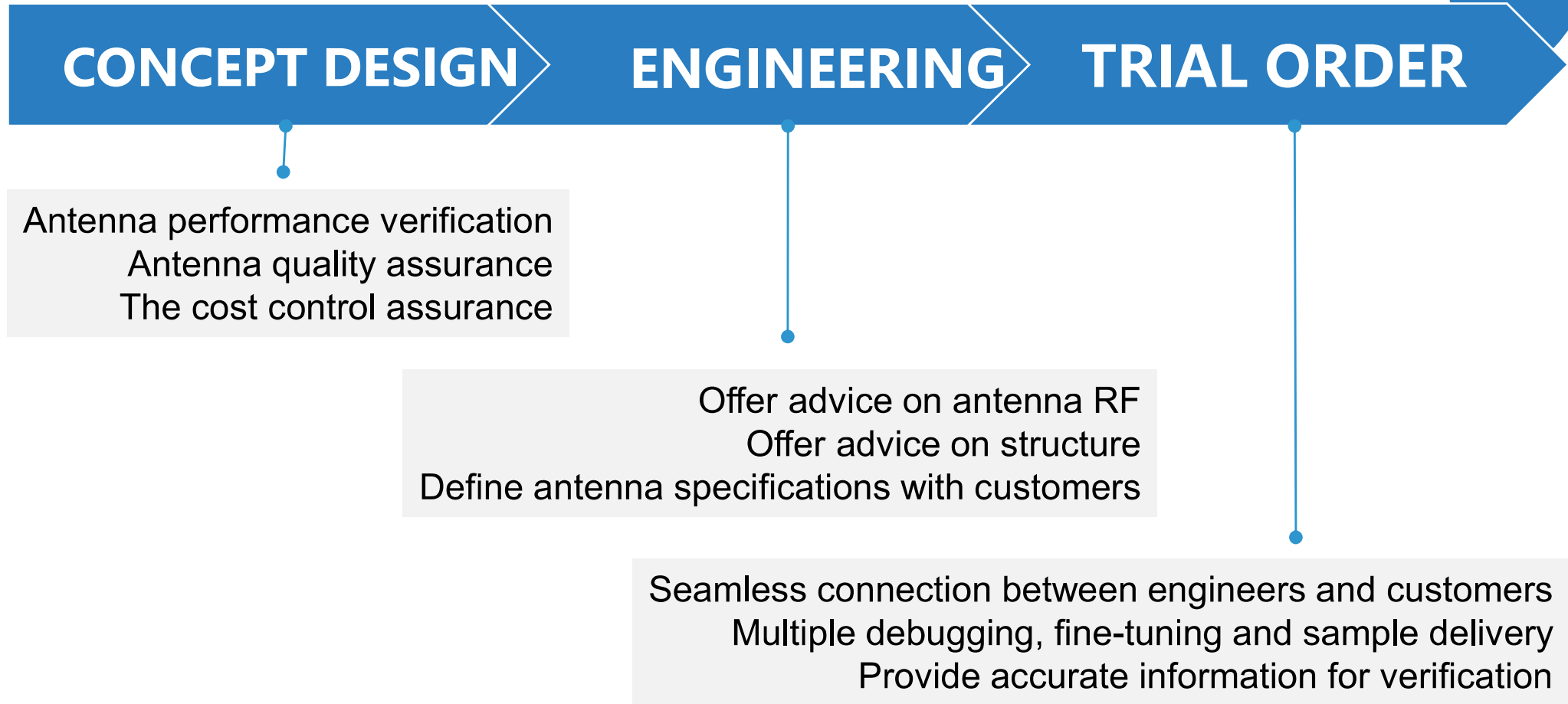
Product / Capacity:

Plastic Component	10KK PCS/M
Antenna Assembling	8KK PCS/M
RF Coaxial Cable Assembling	500K PCS/M
GPS Passive Antenna	2.5KK PCS/M
GPS Active Antenna	800K PCS/M

Quality Certification System:

■ ISO 9001 ■ ISO 14001 ■ TS 16949

COOPERATION PROCESS



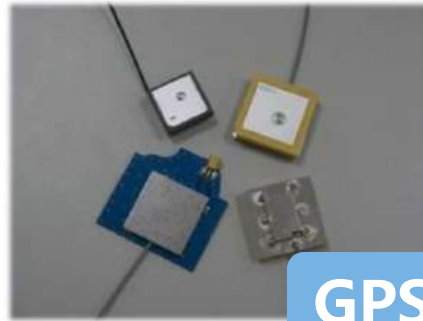
- We got rich experiences in RF/structure/telecom/handheld devices industries etc..
- Equipped with quick & efficient evaluation, R&D, production, and after-sales support.
- Through cooperation with customers, we follow the development and demand of the market
- and keep improving technical capabilities to meet customer requirements constantly.

ADVANTAGES

ONE-STOP ANTENNA SERVICE MANUFACTURER
PROFESSIONAL R&D CAPABILITY | TEST SERVICE



Wi-Fi



GPS

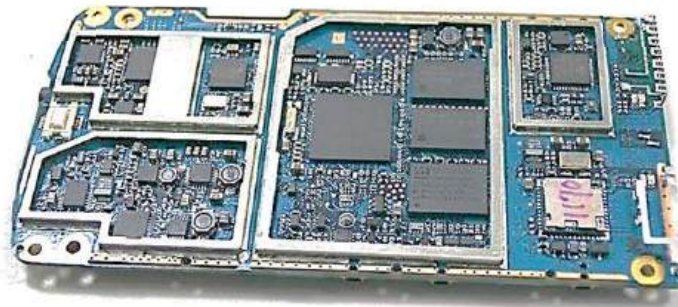


DVB-H / T-DMB



Multi band

(CDMA/GSM/3G/4G/Multi-Bands)



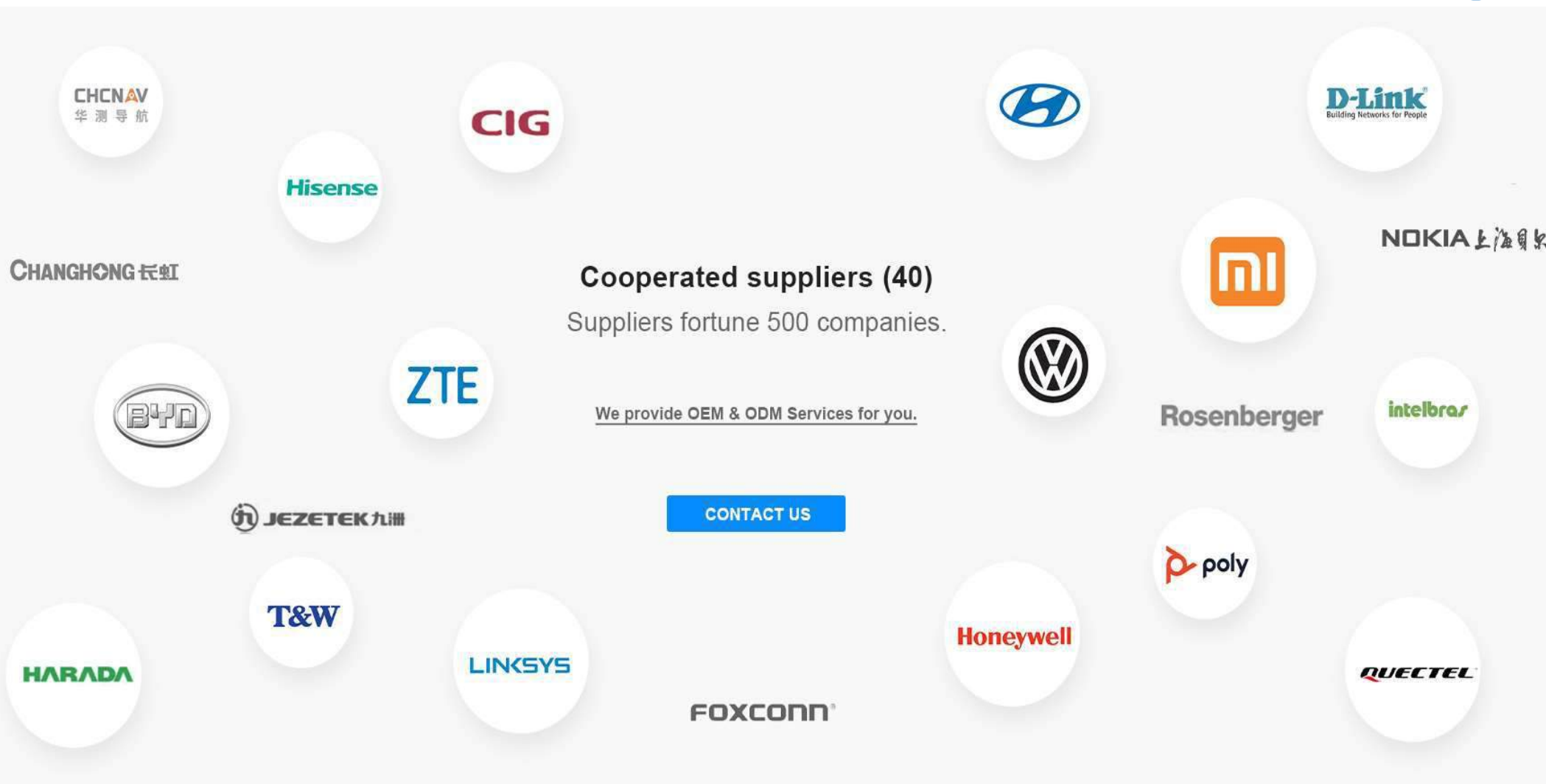
Bluetooth

BUSINESS PARTNER

Cooperated suppliers (40)
Suppliers fortune 500 companies.

We provide OEM & ODM Services for you.

[CONTACT US](#)



The suppliers shown are: CHCNAV (华测导航), CIG, Hyundai, D-Link (Building Networks for People), NOKIA (上海贝尔), intelbras, Rosenberger, poly, QUECTEL, Honeywell, FOXCONN, LINKSYS, T&W, JEZETEK (九洲), HARADA, BYD, ZTE, CHANGHONG (长虹), and Hisense.

PATENTS & CERTIFICATES



Honour Wall

Signal Plus holds 62 patents and many representative honors, such as Shanghai Outstanding High-tech enterprise.



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