



Advanced Connection Technology Inc.

ACTT

Create



Execute



Serve



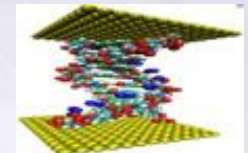
Live



Enjoy



Profession



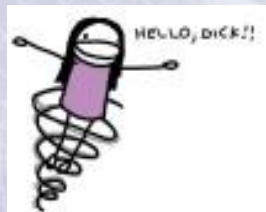
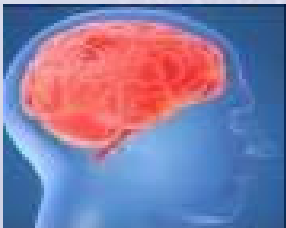
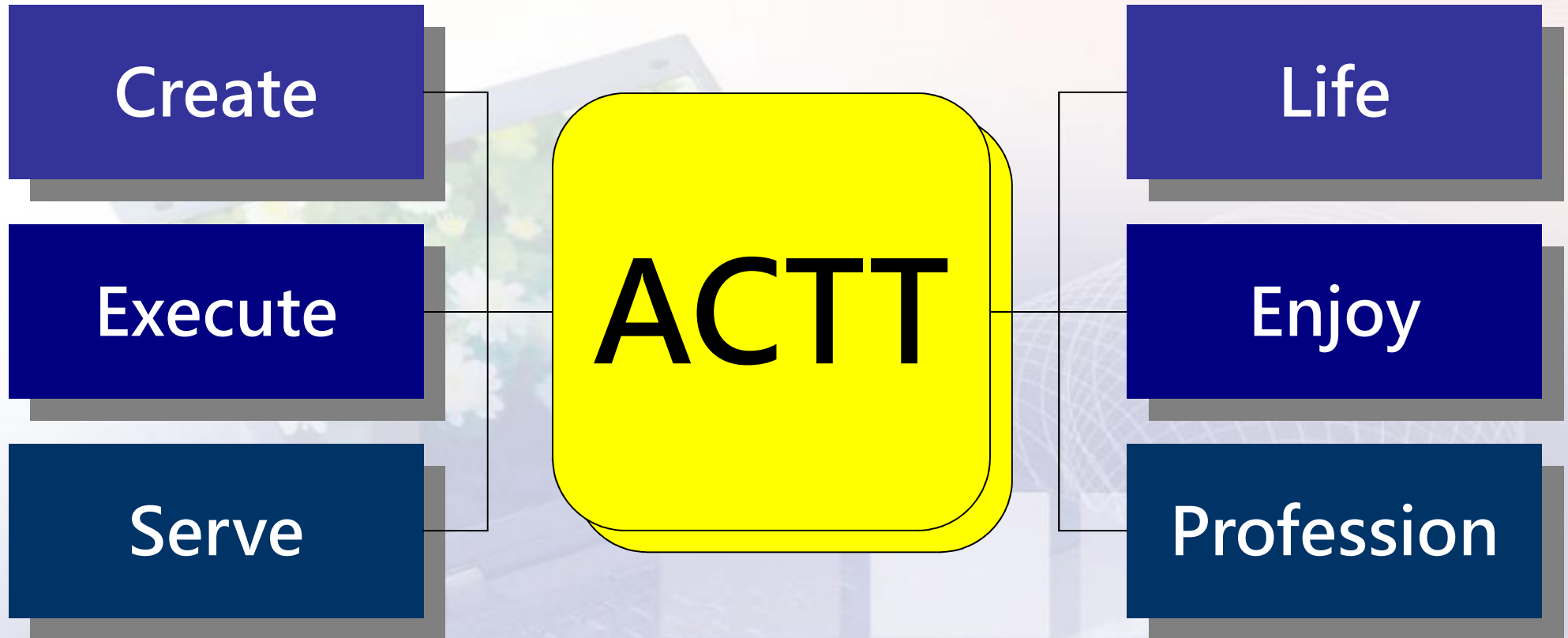


About ACTT

ACTT was founded in 1994 with headquarter in Danshui, Taiwan and are dedicated to design and manufacturing experience in connectors and cable assembly. ACTT has extensive experience in the field of automotive, consumer electronics, medical and aerospace. Our product application include USB, HDMI, LVDS, USCAR, MODULE, PCBA, ANTENNA, WIRELESS, POWER CHARGER and WATERPROOF. The group's production sites are located in China and Vietnam which are certified by TS16949 and ISO 13485 and able to do diverse experiment by our professional laboratory. The purpose of ACTT is shortening the TTM and lowering the expected cost of clients, offering reliable design and outstanding quality and making clients get the maximum profit by our OEM and ODM services.



Management Idea

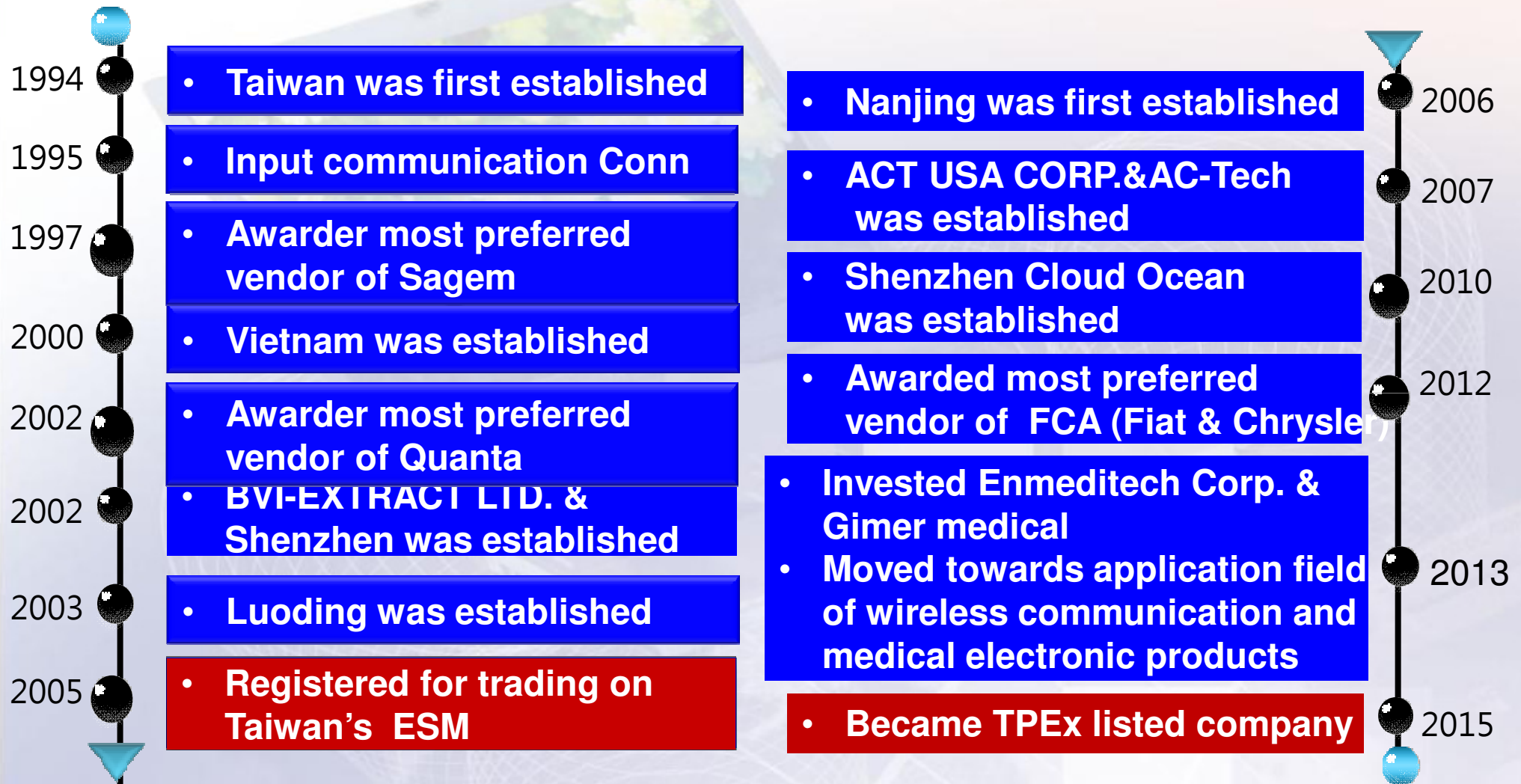




History

Capital : USD 11 millions

Quality Assurance : ISO9001 、 ISO14001 、 ISO/TS16949 、 ISO13485





Luodin, China



Taipei, Taiwan

San Diego, CA

**Bangalore
India**



HCM, Vietnam



HCM, Vietnam



Shenzhen, China



Manpower

Total Work Force: 1,000

R & D

Design Engineers: 52

Process Engineers: 17

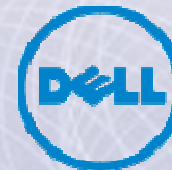
Tooling Engineers: 31



Customer Inventec



Quanta Computer

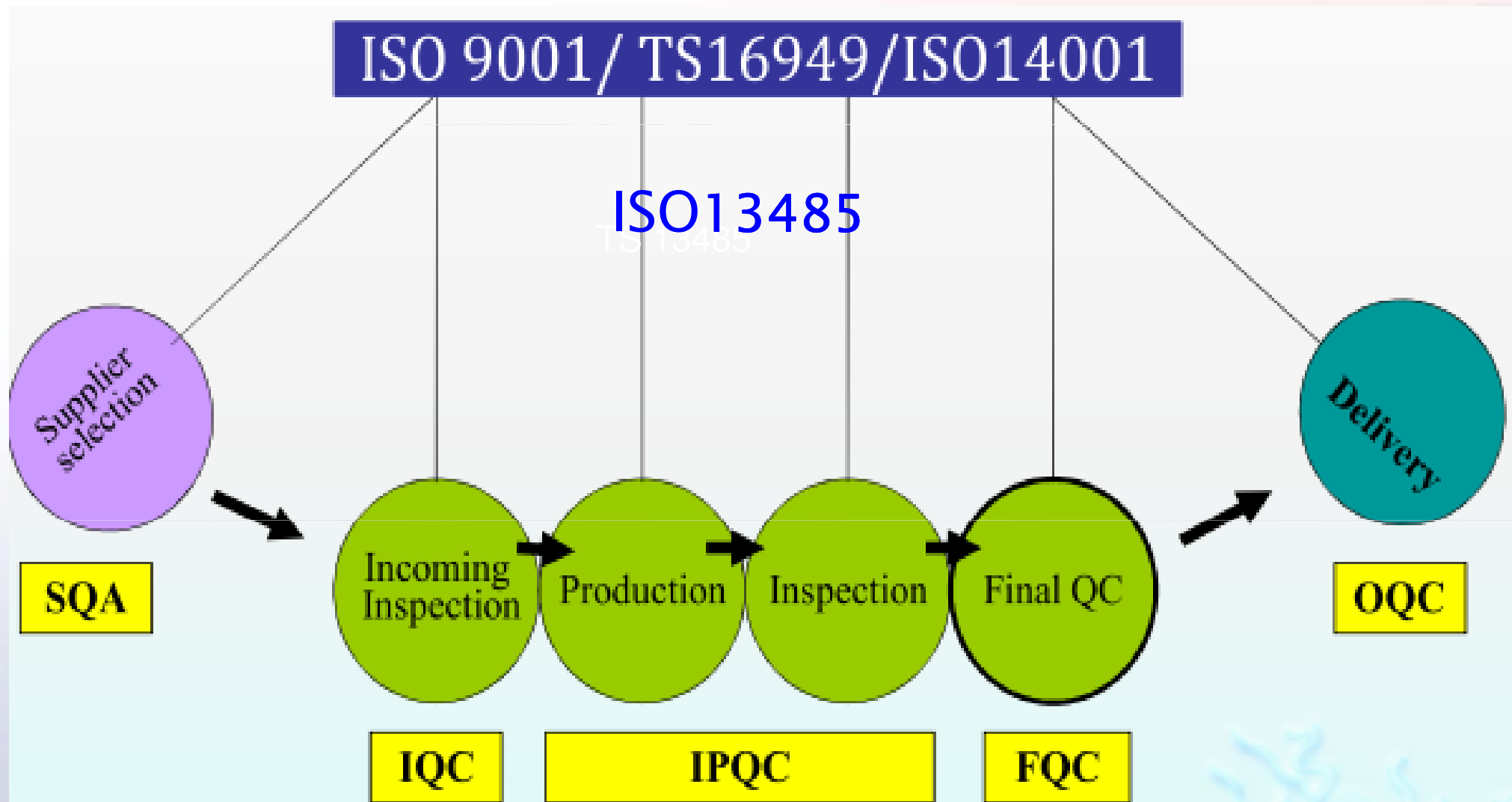


Parrot





Quality system





Quality Assurance

Pb-Free Production & RoHs ISO Certification

ISO 9001: 2008

ISO14001:2004

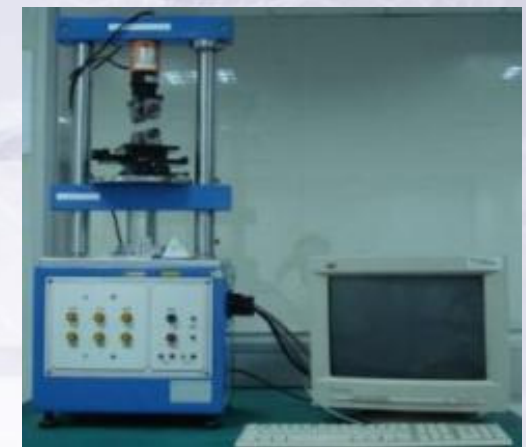
TS 16949:2009

TS 13485:2003

Same class CNAS(17025) LAB



Lab. Equipment



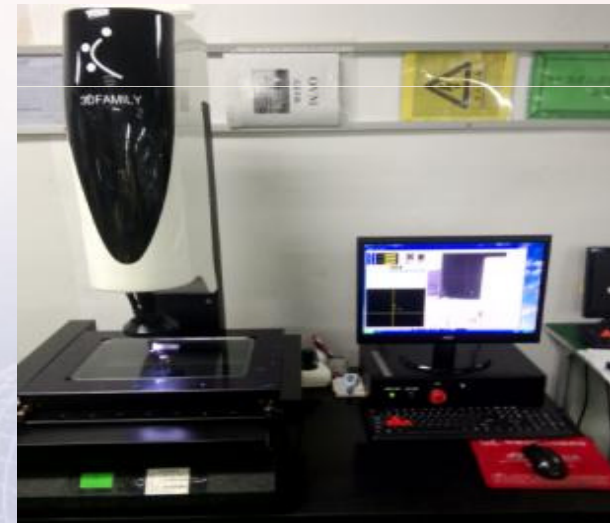


Lab. Equipment

Network Analyzer



Microscope



XRF



Moving Test





Vibration Test



Mechaicla Shock



High Temperature Oven

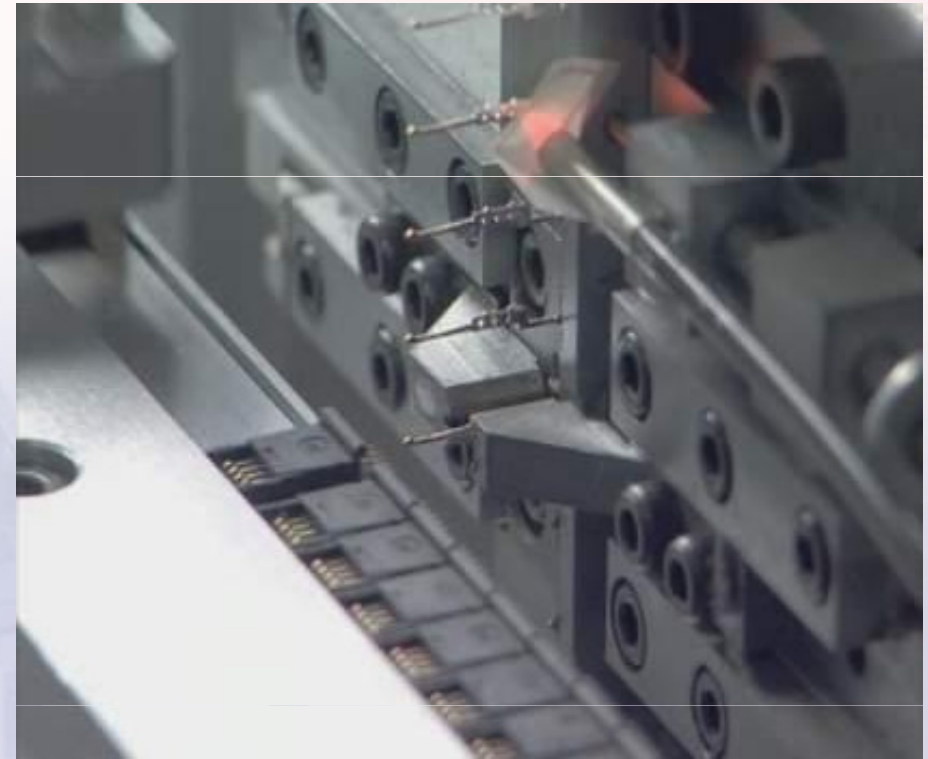


Electroplating analysis





Production





Production



Automatic cut Machine



Automatic soak tin Machine





Manufacturing Capacity

China:

Tool : 38 sets/month

**Conn.: 10,000,000
pcs/month**

**Cable: 7,000,000
pcs/month**

**PCBA Mouldle:1,000,000
pcs/month**

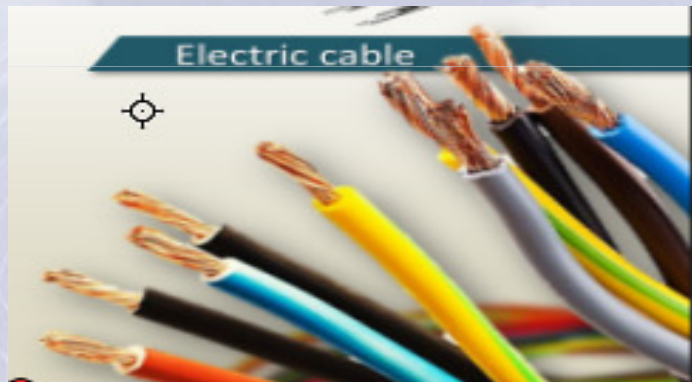




Vietnam:

**Power Cord.: 1~2million
pcs/month**

**Wire Harness: 2million
pcs/month**





Clean Room

(class 6 according ISO 14644-1)

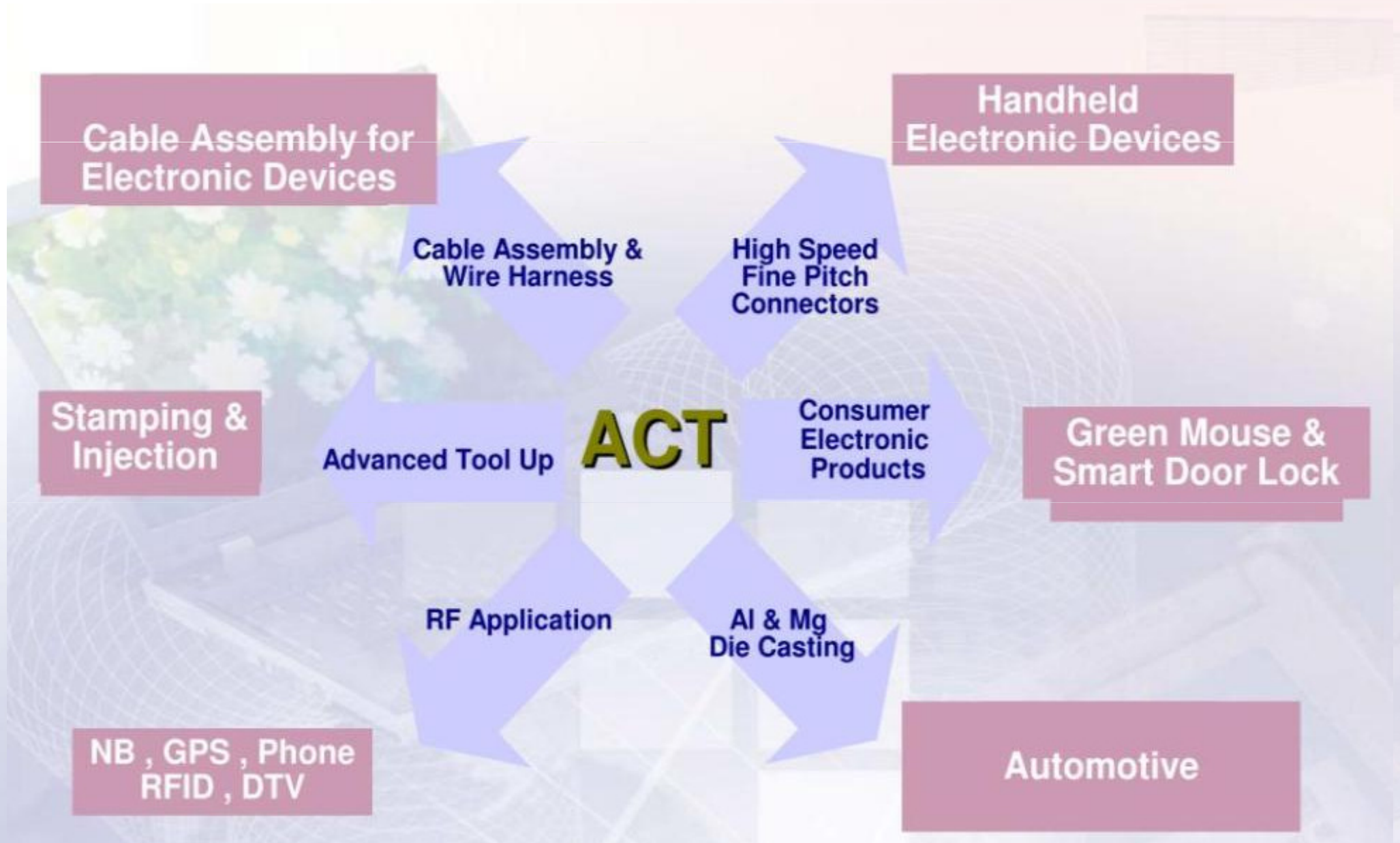




Direction of Development ACTT Product Fields



Technology & Application

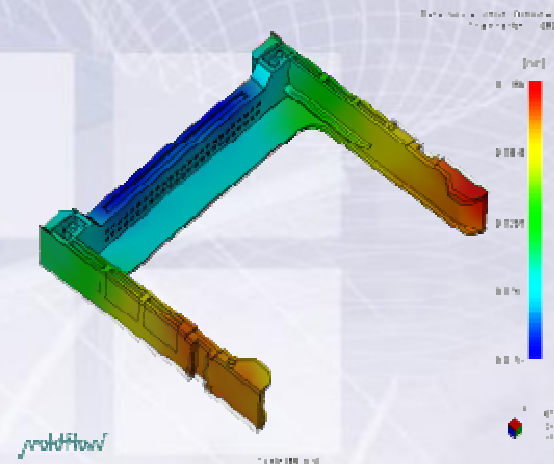
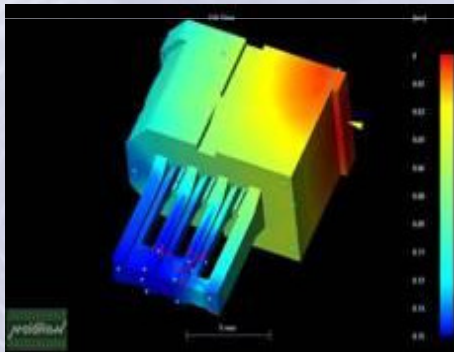




Core Competence

Strong R&D Capability

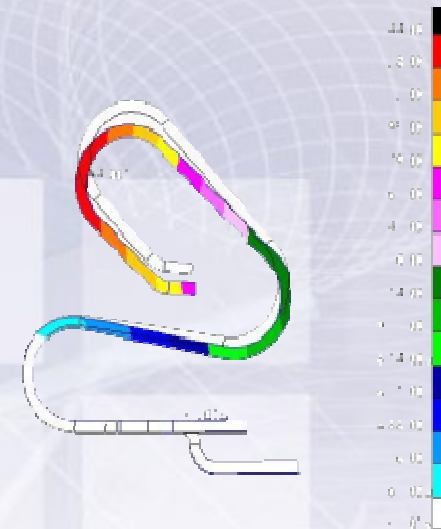
- Professional R&D Team
- Professional Design Software: AutoCad, Solidworks and Pro-E
- Advanced Software For Simulation: Moldflow, MSC, AFEA
- Strategic Alliance With Major 1st Tier RD Automotive System Integrators





Professional Design In House

Tooling Design & Manufacturing Capability
Customized Products Capability (OEM/ODM)
Design Capability For Automation Equipment





Professional Manufacturing

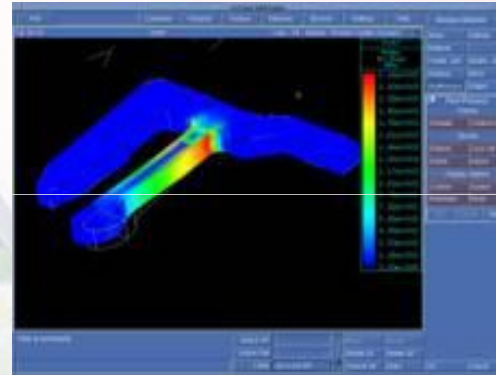
- High Precision Process Machines
- Long term investment commitments On RD, Packaging Technology & Capacity Scale.
- In-Line Production Capability Monitor & Quality Control
- Implement 6 Sigma For Continuous Improvement
- Automation Assembly & Automatic Testing
- Cost Leadership On Material, Process, & Quality





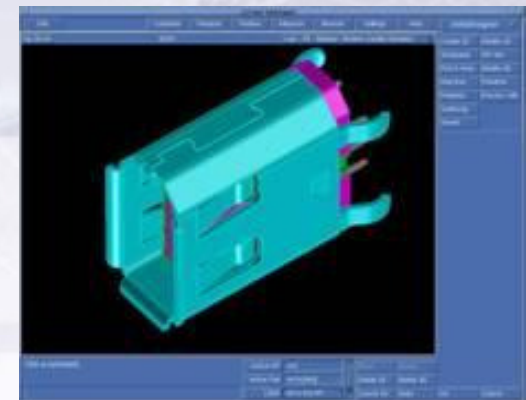
Core Competence

Tooling Center



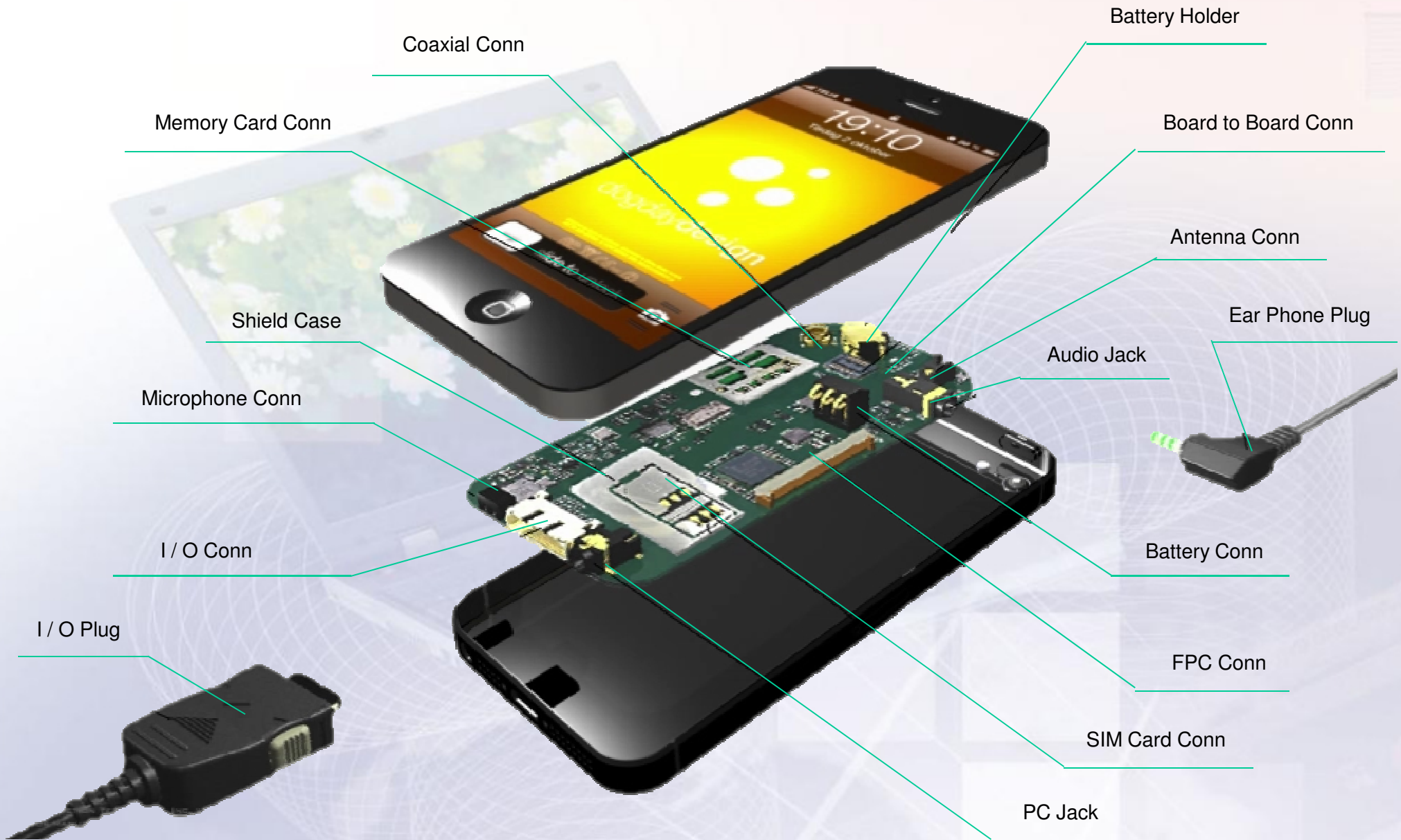
Budgeted Investment On Tooling Center & Material Study To Build Up Vertical Integration Platform To Reduce Tooling Lead Time & TCO

- **Capable Tooling Design & Manufacturing On New Product Transition(NPI)**
- **Co-develop New Technology With Top University & Outside Laboratory**





Products For Mobile Phone





Products For Notebook



WWAN/WLAN Combo Antenna



DTV Antenna



D-Sub



Discrete wire



HDMI



FFC Solution



DisplayPort



Micro Coaxial



Audio Jack



RJ 45



1394



Memory Card



SIM Card



Blend Solution



USB 2.0



USB 3.0



type
c



Battery



DDR3



SATA



Mini PCIe



Solution Cluster-Automotive

Navigation

OBDII Cable



Entertainment



Telematics modules



Communications



Medical Solution





Products For Antenna

RFID reader antennas



200 x 200 mm²



95 x 95 mm²



60 x 60 mm²



210 x 297 mm²



50 x 50 mm²

Reference specifications for RFID antennas

SPEC	Circular polarization UHF antenna			RF antenna @ 13.56 MHz	
Size	200*200 mm ²	95*95 mm ²	60*60 mm ²	210*297 mm ²	50*50 mm ²
BW (MHz)	800~1050	762~1175	910~960	2	2
Gain	6.2 dBi	-2 dBi	2 dBi	---	---
Range	9~18 m @ 1W	2~3 m @ 1W	2~3 m @ 1W	> 20 cm	> 2 cm
Weight	390 g	85 g	5g		

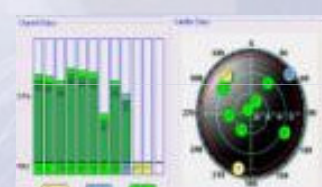
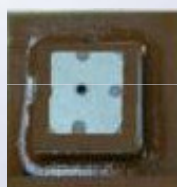
DTV antenna solutions



Type	Planar dipole antenna
Bandwidth	470 ~ 862 MHz (Global band)
Size	206 mm x 23 mm x 0.4 mm
Gain	1.9 ~ 2.95 dBi
VSWR	2.5 (max)
Pattern	Omni-directional
Impedance	50 Ω

GPS antennas solutions

CP SMD antennas



GPS Printed antennas

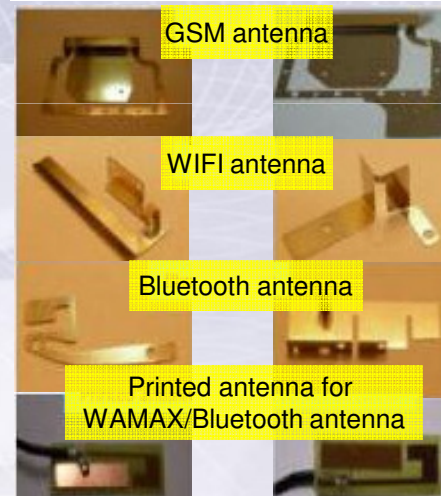


Multi-choice of LNA for active antenna upon request



Central Frequency	1.575 GHz
Bandwidth@10 dB	10 MHz (typical)
Gain	1 dBi Max
Polarization	RHCP
Axis Ratio	3dB
Impedance	50Ω
Operating Temperature	-25~+85 °C

Ready-for-use in ACT



GSM antenna

WIFI antenna

Bluetooth antenna

Printed antenna for WAMAX/Bluetooth antenna



Delivery's Automotive Products

一.Module

AUX/USB/SD /TYPE C Series

二.Cable.Ass'y

HDMI E Type Cable Ass'y

USCAR Cable Ass'y

Camera Ivds cable

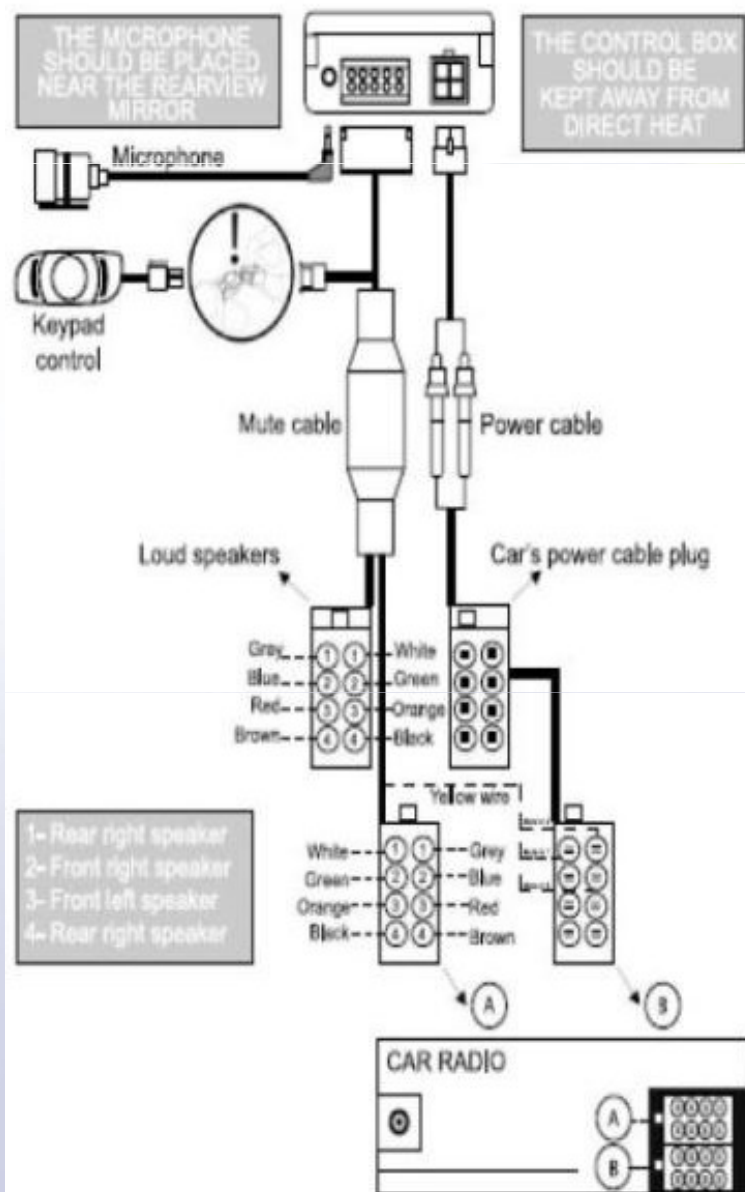


ACTT USB Aux





Cable diagram connection



Cables of Automotive





USB_Aux Utilized In Automotive



USB Std 'A' to 'mini B'/USCAR-30

■ Separable Interface

- Allows other packaging options.





ACTT Global Patents





Patents

Ranked among top 100 Taiwan corporations on patent application.

Ranked among top 100 Taiwan corporations on patent certificate issuance
for three consecutive years.

「The 100th Industrial Innovation
Achievement Award」

The category
of "Technique&Know-How
Innovation



「2011 Taipei
International Invention Show & Technomart」

Won the gold and bronze medals



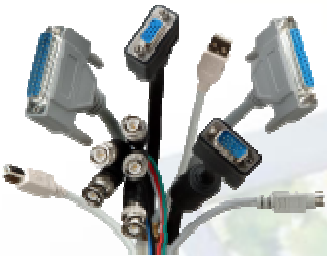


Future Develop Plans

Products

Market

Future Plans



Connectors



Cables



Modules

Communication

Automotive

Medical

1. Approach markets to satisfy the needs of customers.

2. Continue to expand markets and operational scales.

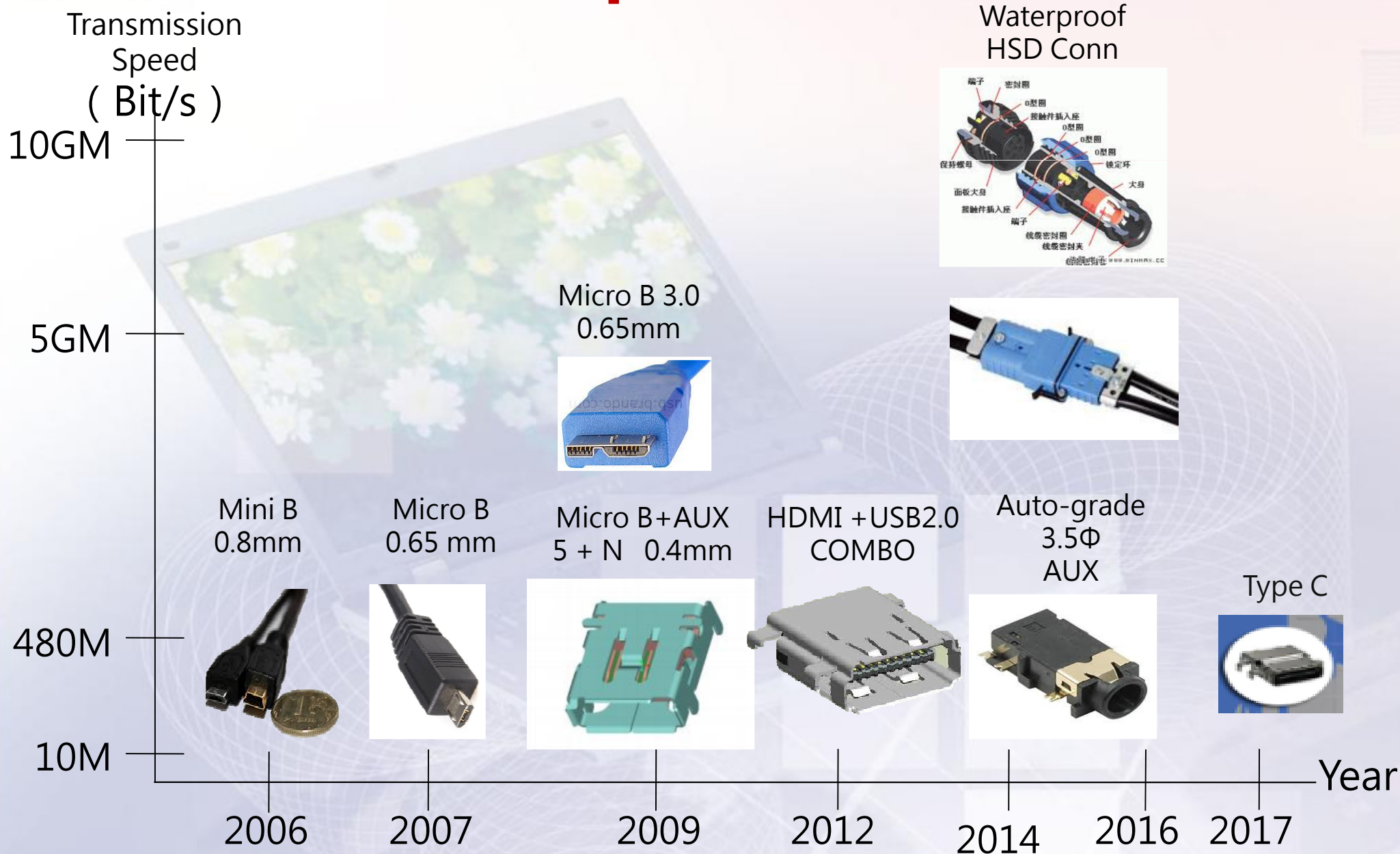
3. Reinforce **vertical integration** of resources and establish information collection.

4. Operate plural quality systems and control product quality.

5. Grasp **critical techniques** and design future products.

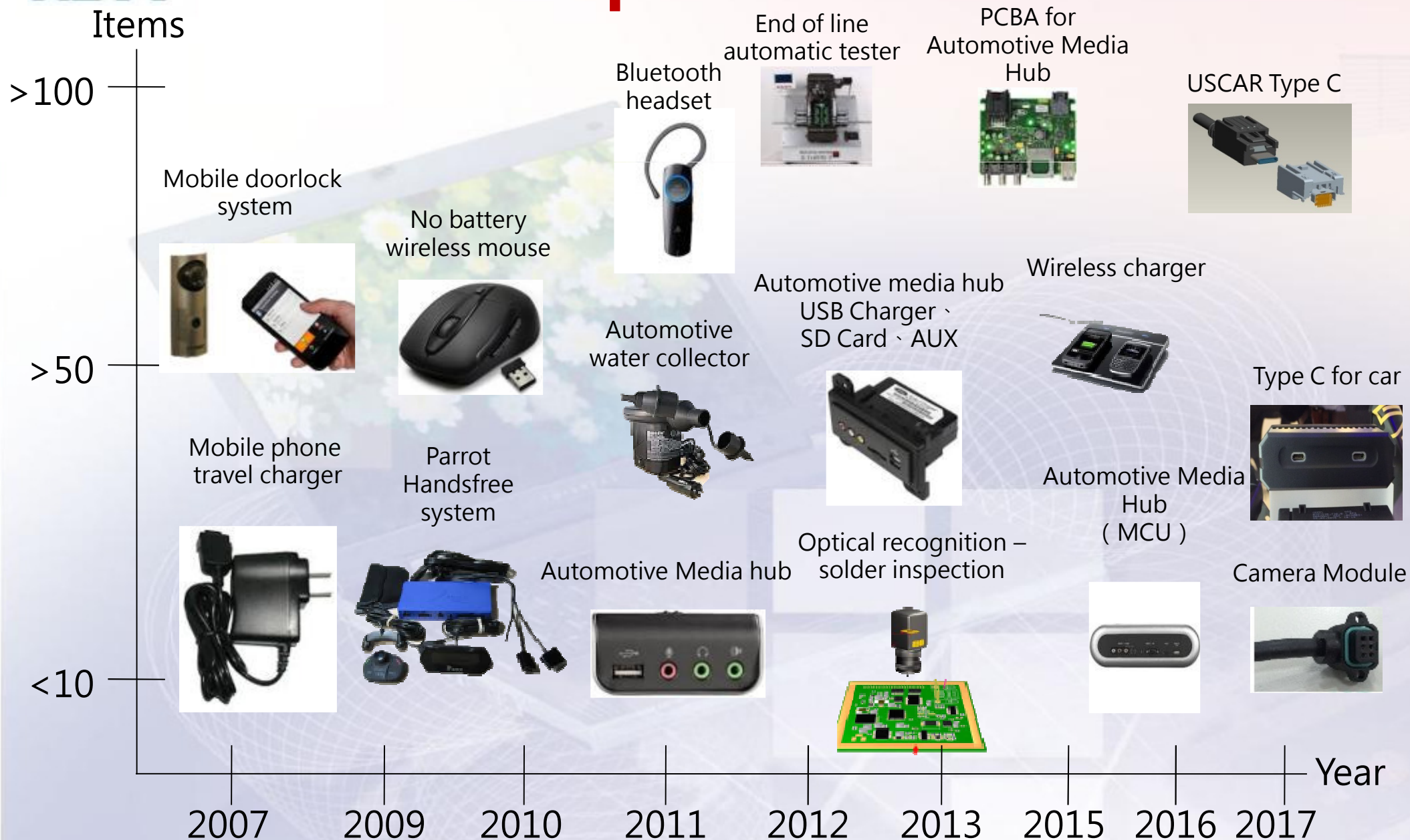


Road Map – Connector





Road Map – Automotive





Thanks!