



深圳市爱保护科技有限公司

Shenzhen Smart Care Technology Co., Ltd.

About Us

Shenzhen smart care Technology Co., Ltd. was founded in 2014, the company focuses on the smart wearing . wear business, involving smart bracelets, smart watches and other series of products, for global customers to provide

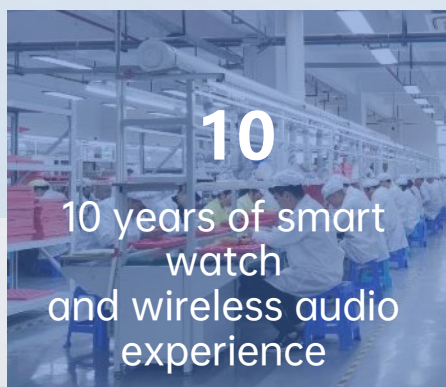
hardware and software solutions and finished products ODM services, currently the company has more than 500-600 employees, including more than 70 R&D and technical personnel.

The company is working on integration route of R&D and production, and independently R&D and develops core algorithms for pedometer, sleep, heart rate, heart rate, voice recognition and other core algorithms and APP software, and owns a number of invention patents and software copyrights.

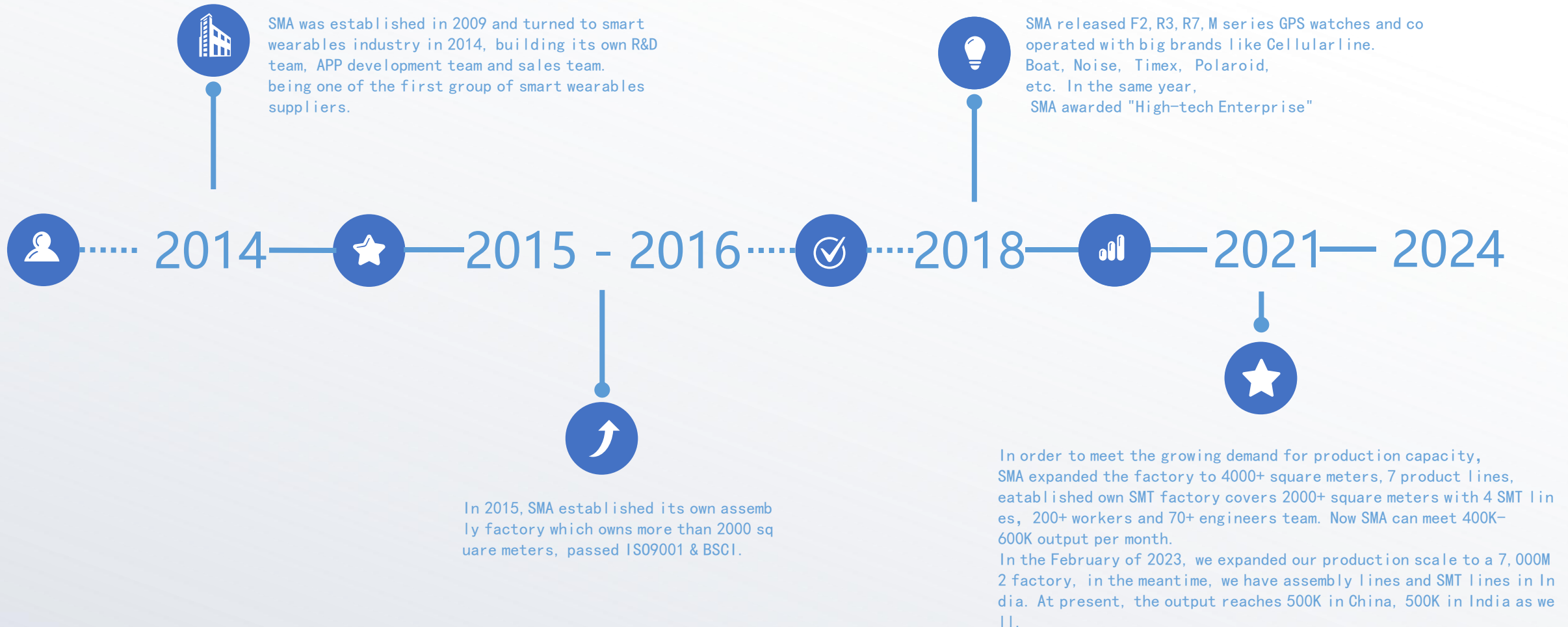
patents and software copyrights. Our products are manufactured in strict accordance with ISO9001 quality management system standards. Passed BSCI&SEDEX social audit system.

Our products are sold to more than 30 countries and regions such as Europe, America, Australia, Asia-Pacific, Africa and so on.

Our products are sold to more than 30 countries and regions such as Europe, America, Australia, Asia-Pacific, Africa, etc., and have CE, RoHS, FCC, Reach certificates issued by SGS certification organization.



Development Process



Qualifications and Patents



ISO 9001:2015



ISO 14001:2015



156-019037-000



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product category

-GPS -
BLUETOOTH CALL WATCH



-AMOLED -
BLUETOOTH CALL WATCH



-TWS-
SMART WATCH 2 IN 1



-BLUETOOTH CALL-
WATCH



-Lady Watch-



-WIRELESS AUDIO-



SMA service

SMA customer range

- brand customers&Communications BrandCustomers
- Internet of Things Applications Trade
- Gift Customers
- 3C Accessories Brand Customers
- Digital Brand Customers
- Cross-border E-commerce Customers
- Telecom Operators
- KA Chain Stores



What SMA can do for you

SMA service

- 
- A background image showing a close-up of two hands shaking in a firm grip, symbolizing a business agreement or partnership. The hands are wearing dark blue suit sleeves. The background is slightly blurred, showing an office environment.
- ODM business, help brand customers to expand new categories, provide stable product supply, and continue to provide new products.
 - OEM joint research and development business, cooperate and support brand customers to realize product design and development, fast and flexible response to demand, to ensure project Reliability and cost control of the project.
 - Indepth customization service, from ID/MD/HW/SW/algorithm to the whole process of selfresearch, so as to ensure the realization of customer technical requirements, breakthrough technical difficulties, and reduce the risk of project development.

Office Area



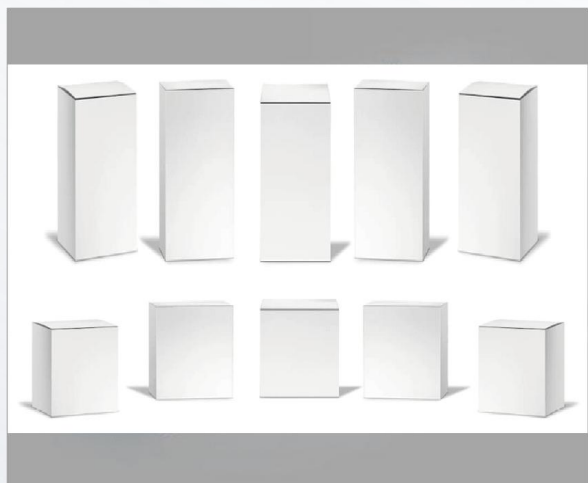
Scan the code to view a panoramic picture of the company



Exhibition



Strong Marketing Support



Promotional material

Product image design, including renderings, physical drawings, scene drawings, posters, etc.
Product videos, such as product promotional videos, product use tutorial videos.



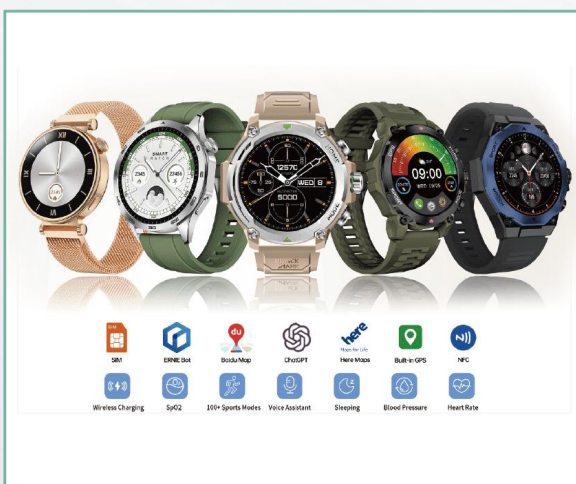
Qualification Report Provision

RoHS, CE, FCC and other environmental regulations qualification certification report to provide comprehensive.
Battery safety certification, air transportation safety certification report to provide.

Industrial Design

Color Box Design

Instruction booklet design



Patent License Support

Patent License Open Support

Certification License Open Support



Our Advantages

R & D Capability



We have excellent R&D team, independently develop core algorithms based on acceleration sensor and ECG sensor. We have experienced ID, UI interaction designers to continuously update the design program to meet the needs of customers and production.

Manufacturing



With a large manufacturing team of more than 500 people and a monthly production capacity of more than 1 million PCS

Quality Assurance



SMA has more than 10 years of manufacturing experience, and has passed BS CI, Sedex.

ISO9001.ISO14001 certification.

SMA's products all have CE, RoHS, FCC and other test reports

R & D Capability 1

■ Independent research and development algorithm

More than 100 engineers in the R&D team, independent research and development of core algorithms based on acceleration sensors and cardiac sensors independent research and development of algorithms for pedometer, heart rate, sleep, calories, distance and so on. The industry's first smart wearable manufacturers with heart rate solutions.



Heart Rate Algorithm



Pedometer Algorithm



Sleep Algorithms



Oxygen algorithm



Calorie Algorithm



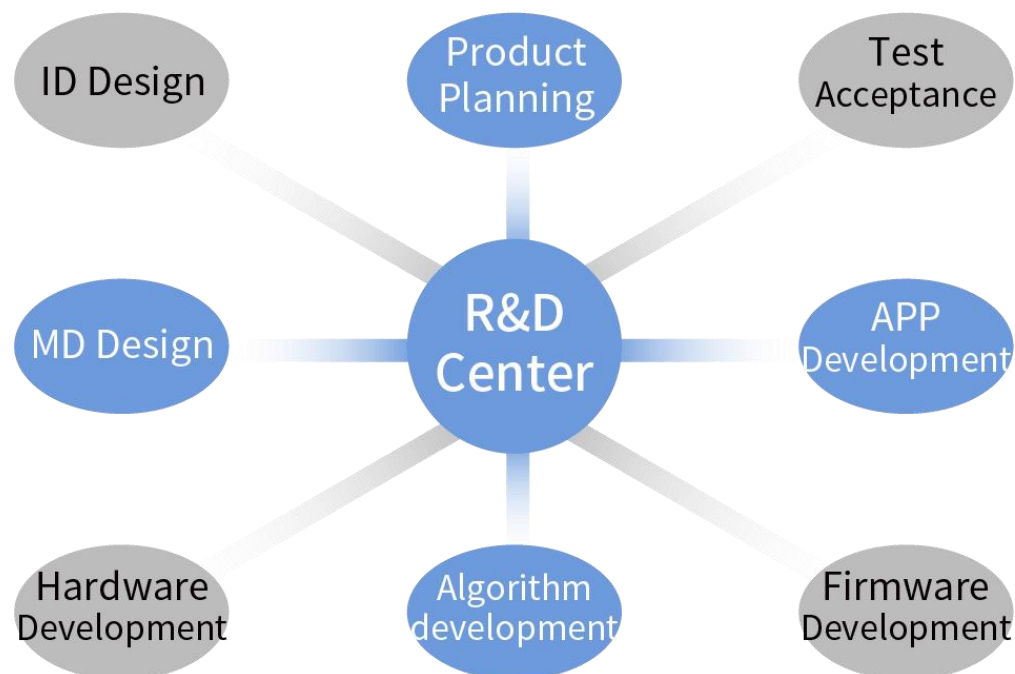
Pressure monitoring
algorithm

R & D Capability 1

■ Independent research and development algorithm

Insist on independent research and development in all design and research and development links, to ensure flexibility, quickly respond to customer requirements, and provide efficient solutions.

Scientific research and development management process, the implementation of high international standards, to maintain the industry's leading solution performance and ensure that the products are guaranteed to the greatest extent.



R & D Capability 1

■ Product ID & UI design

SMA has rich experience in ID, UI interaction designers, fully grasp the new materials, new technologies and other design trends, explore cutting-edge design direction, concept. Actively communicate with customers, constantly update design solutions to meet customer and production needs; design solutions into the actual research, development and production to follow up on production, to solve the process color and other issues.



Minimalist UI design

Fresh and simple UI interface design, data and page presentation are clear at a glance



Reliable functional design

More breakthrough innovative functions to provide users with better services



Professional firmware team

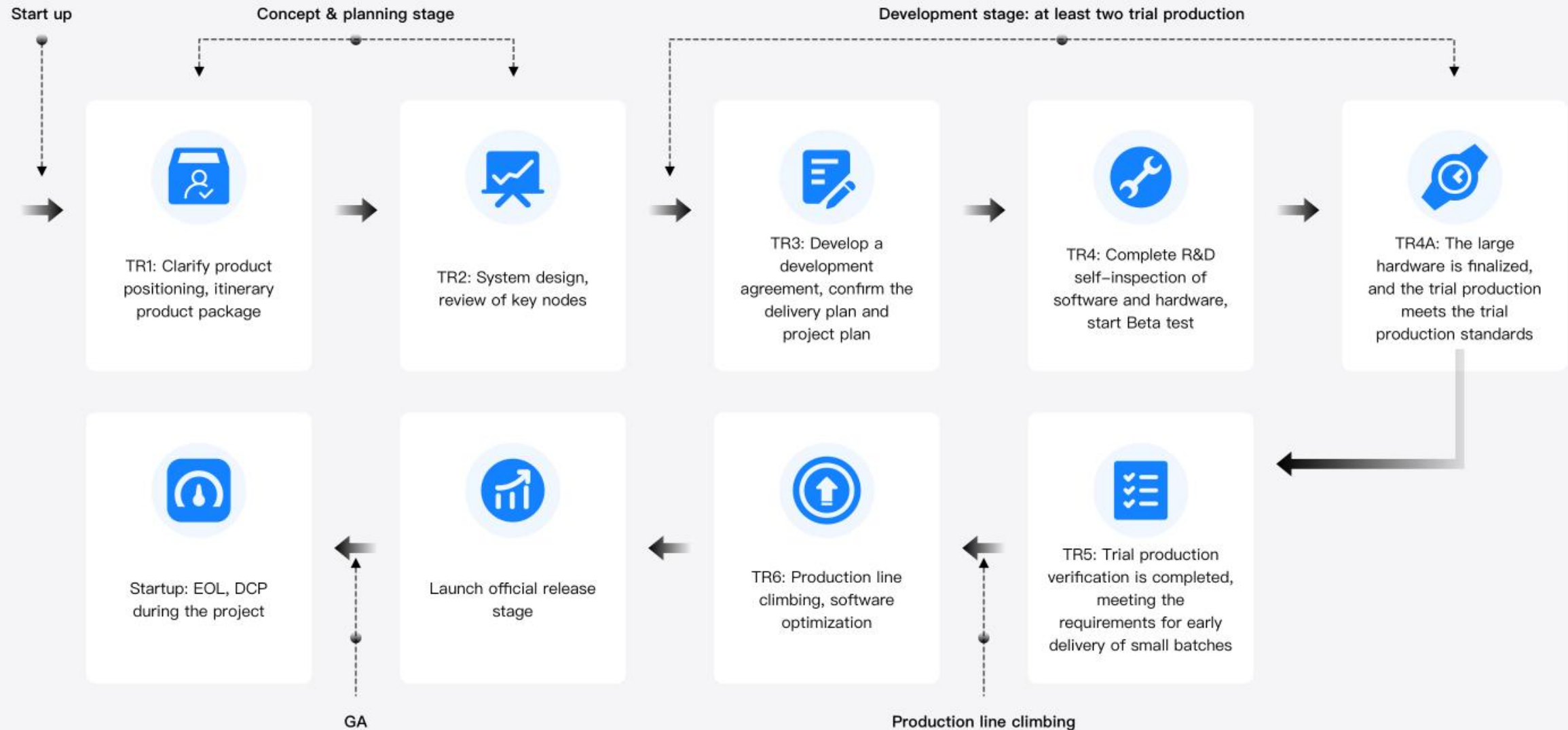
Modify and upgrade the firmware according to customer needs, and a team of professional engineers solves bugs, compatibility, and manufacturing issues



Friendly human-computer interaction

The intelligent and user-friendly design concept wins users a better experience.

■ New project development control process



mass prodcuton Capability

Strong manufacturing capabilities

- A mass production manufacturing team of more than 500 people in size.
- 7 production lines + 3 packaging manufacturing lines are all in operation, with a peak production capacity of 800K PCS per month.



Installations



Officers



Material



Mondition

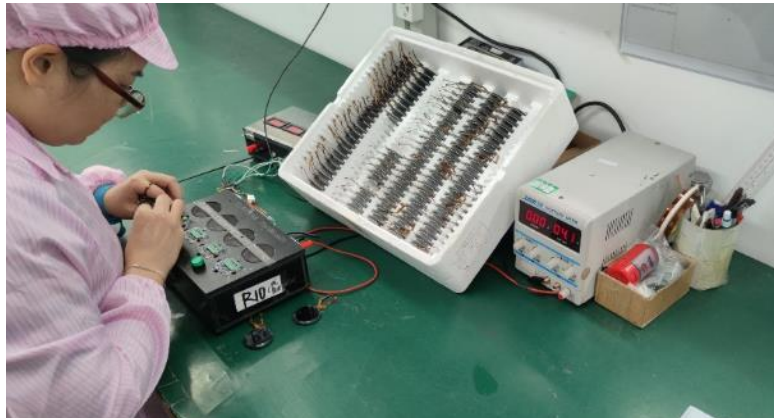


Methodologies

Office Area



Scan the code to view a panoramic picture of the company



Material Testing



Production workshop



SMT



Software Burn

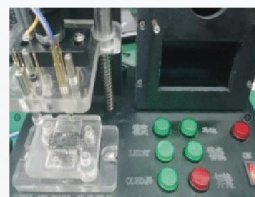


Product Testing

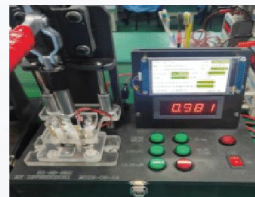


Repository

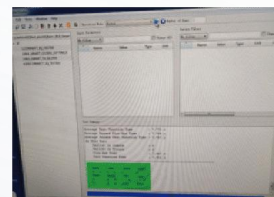
Manufacturing capacity – CTQ quality control testing devices



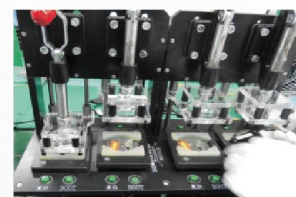
Burning Software



Motherboard
Function Test



Key Material Binding



Current Test



Semi-finished product
air tightness test



Semi-finished
product testing



Bluetooth Testing



Function Test



Shipment Software
Download



Appearance test



Aging Test



Whole machine air
tightness test



Screen Assembly
Lamination



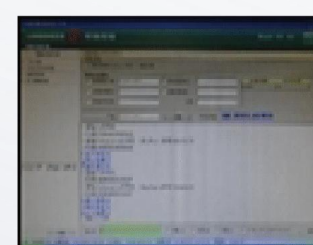
Packaging Appearance
Inspection & Cleaning



Key Material Binding



gift box Weighing



Anti-tamper sticker &
scanning sealing



Cartoon Box Weighing,
OQC Sample Inspection

Laboratory Reliability Testing

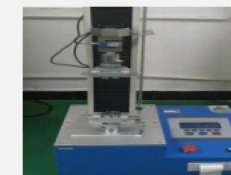
- Reliability Lab Test Capability 2/2
- Free Fall: Height 1.2m, 6 sides, 2 cycles 12 times
- Roller: 1M 100 times (200 cycles)
- Key Life: 4-6N 50,000 times
- Strap Tension: 28kg 2 times
- Packaging and Transportation: frequency 2.5HZ amplitude 22mm110C/min
- Packaging Drop: 6 sides, 1 corner, 3 edges, 1m
- Micro-drop: 7cm 5000 times forwards and backwards
- Click Marking: 250g 100,000 times
- Lifetime Insertion and Removal: 2000 timesCable
- Shake: 300g 60° 2000 times
- Ball Impact: 32g ball 0.5m impact 2 times



Key Life



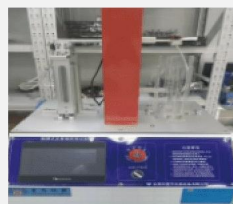
Roller



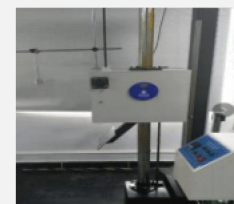
Strap Tension



Transportation Simulation



Micro Drop



Package Drop



Torsion



Click to Scribe



Ball Impact



RCA Abrasion Resistance



Terminal Life



Strap Life

Quality Assurance System

Strong manufacturing capabilities

Strictly control the process and continuously improve the system

"Input "

Strictly control the quality of

inputs

IQC

IQC Inspection Capability Enhancement.

Routine training, GRR test

Core mold factory inspection front, build SI in the factory inspection team, to achieve the incoming abnormalities control at the source.

The first 20K key materials are fully inspected and then used to strictly eliminate the inflow of defective products.

Optimization of test equipment capacity building

Material abnormality hierarchical management

Inspection IT

--ITization of sampling inspection system

--Sampling data statistics, analysis

Inspection KPI management

--KPI into the assessment

--Weekly review and enhancement

process control

Personnel qualification control

--Personnel induction training, routine training mechanism

--Staffing and posting

New line capacity climbing control

Production, ESD automation control

Process IT

Automatic data collection, early warning, report generation

Material traceability

Closed-loop management

Specialized auditing

Wireline Comparison Mechanism

EWP front-end

FPY KPI Management

--FPY workstation index decomposition, responsible

person care mechanism

--FPY is included in the performance appraisal

--Daily review and improvement

"Output " Strictly control the quality of the factory

Shipping Inspection

QC Inspection Capability Improvement: Routine Training, GRR

Testing

Quality Dual Channel

Customer experience / FAI / simulation of customer use mechanisms

Sampling management: -20K full inspection before new product

-Full inspection before new product 20K

-AQL sampling, transfer by rule program

-Focused inspection on frequently occurring problems

Finished product ORT routine test

Inspection ITization

--Sampling system IT

-Sampling data statistics, analysis

Inspection KPI management

-KPI into the assessment

-Daily review and enhancement

Customers



Corporate Culture & Social Mission



Vision

Committed to becoming a world-class enterprise in the field of smart wearables.

Mission

Focus on helping people solve sports and health problems through smart wearable products.

Principle

Everything is based on the principle of continuously improving the core competitiveness of the enterprise.



SMART CARE

Thanks for watching

and we look forward to working with you!



Jenny Chan (Sales Manager)

Phone/Wechat/WhatsApp: +86 15019488016

Email: Jenny@smawatch.com



Shenzhen smart care technology limited

[Tel: +86-\(0\)755-23707058](tel:+86-0755-23707058) www.smawatch.com

Address: The 6th, Floor, Block 2, An'da Industrial Park, Heping Road, Heping community, Fuhai street, Baoan District, Shenzhen, China 518000