



Welcome

BHS ELECTRONICS JSC

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OVERVIEW

2021 ▶ Established year

225 ▶ Number of Employee

63% ▶ Engineering

100% ▶ Technical Background of BOD

20 Yrs ▶ Hardware development and manufacture

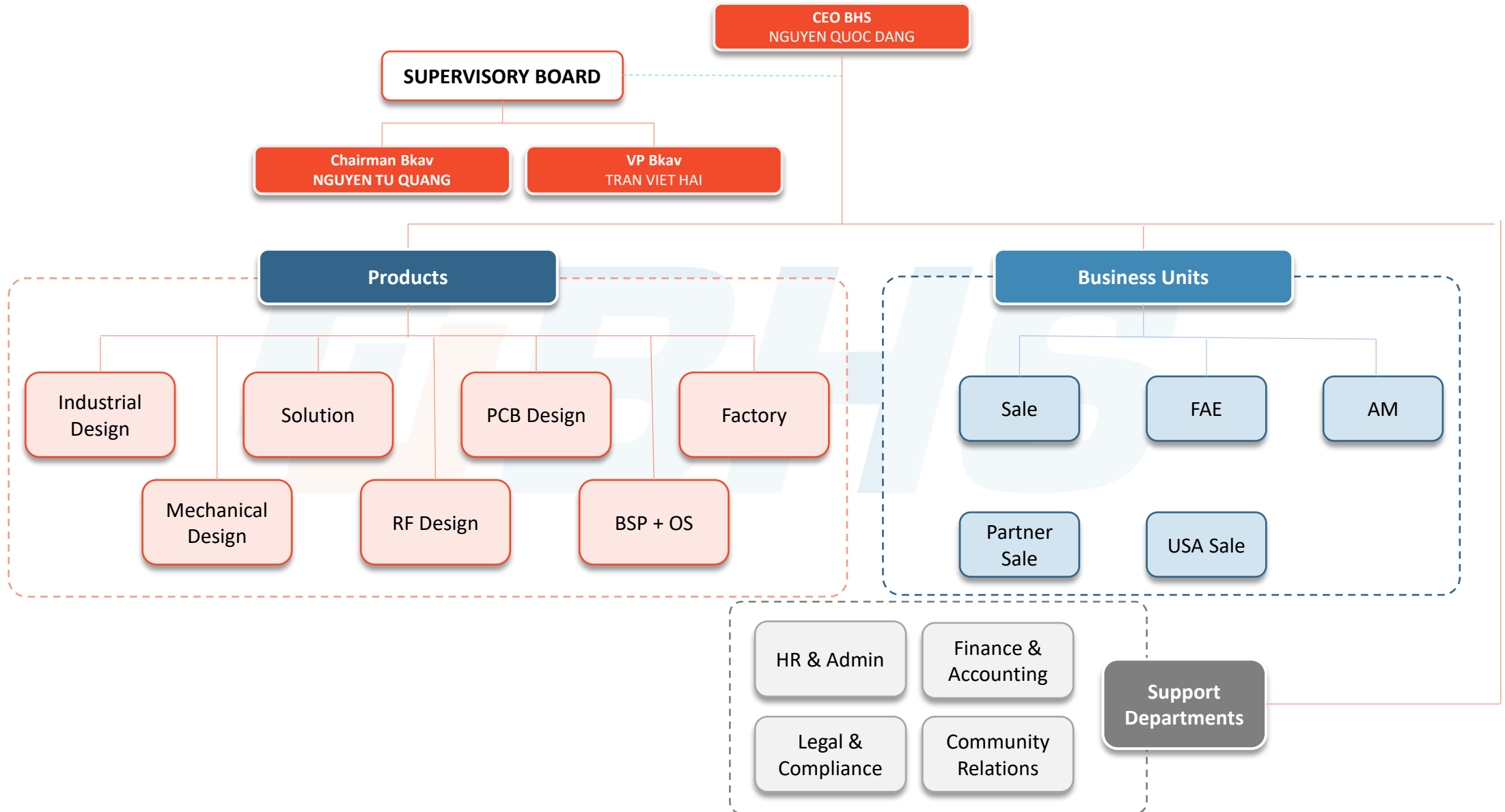
300 ▶ Supplier and Partner



BHS, A member of BKAV Corporation, we provide full comprehensive platform solution for AIoT; R&D and Electronics Manufacturing as an ODM.

We inherit the resources and intellects of smart-home, smartphone, camera AI makers with around 20 years experiences.

ORGANIZATION



BUSINESS MODEL



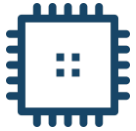
Manufacturing Services

IDH/ODM/OEM and other product manufacturing services



Module

AI Box, Development Kit, SOM



Software and Hardware Services

Product solutions, motherboard research and development, appearance design, OS customize, GMS, Software Solution

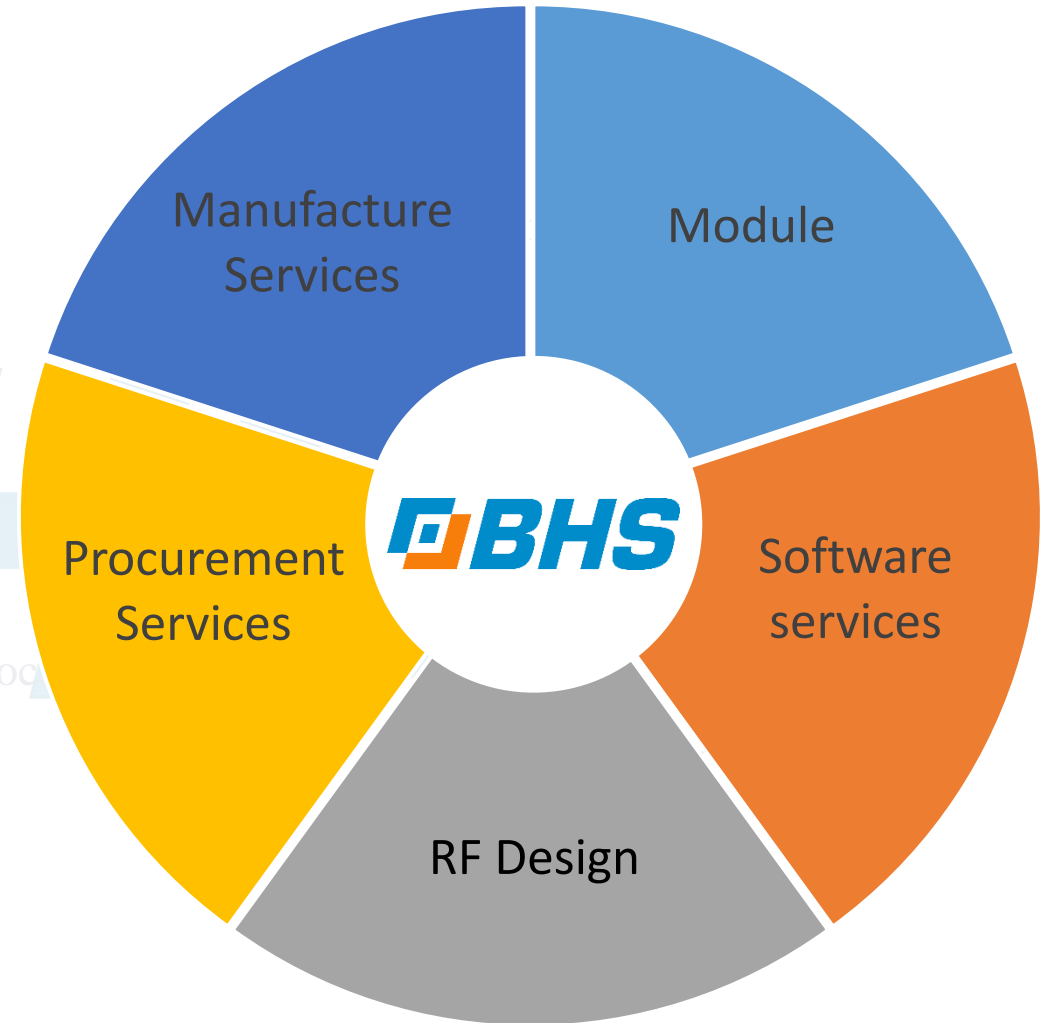


RF Design

Design service, Verification service, Certificate service



Procurement Services The whole process of supply chain operation from raw material procurement to product sales



STRAGIC PARTNER



CERTIFICATE OF GOLDEN DESIGN PARTNER

Company: Bkav Hardware Solution (BHS)

Address: 2nd Floor HH1 Building, Yen Hoa Ward, Yen Hoa Dist., Hanoi 100000, Vietnam.

To whom it may concern,

Today we are honored to announce that BHS has become a Golden Design Partner of Qualcomm Vietnam for mobile, networking, computing, automotive, AI, IoT, and consumer-electronics products based on Qualcomm chipset solutions.

BHS shall gain extensive expertise in the adoption of Qualcomm's technologies. Qualcomm Vietnam highly recommend BHS for hardware and software services of all products powered by Qualcomm chipsets.

This certification takes effect on the date of signing.

Sincerely Yours,



VERNON PHUONG NAM

General Director of Qualcomm Vietnam, Lao & Cambodia

April 21, 2022

STRAGIC PARTNER



MEDIATEK

No.1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu, 30078, Taiwan

LETTER OF AUTHORIZATION

Company: BKAV CORPORATION

Address: 2nd Floor HH1 Building, Yen Hoa Ward, Yen Hoa Dist, Hanoi 100000 Vietnam.

To Whom IT May Concern

We are pleased to announce that BKAV is our IDH Partner to develop the AIoT SOM solution based on the I350 chipset in Vietnam.

We are committed to provide and support BKAV regarding the hardware and software technology required for Bkav during the design and production period.

We have a policy to help BKAV grow the market. All customer requests for AIOT i350 related products from Vietnam will be routed to BKAV. This authorization takes effect from the date of signing.

Sincerely Yours,

Name: Cedric Chang

Title: Deputy director of Corporate Sales, Southeast Asia

Date: 21 Apr, 2022

R&D PARTNERS

Coordinate development and maintain long-term strategic cooperation with R&D partners.



Amperex Technology Limited
新能源科技有限公司



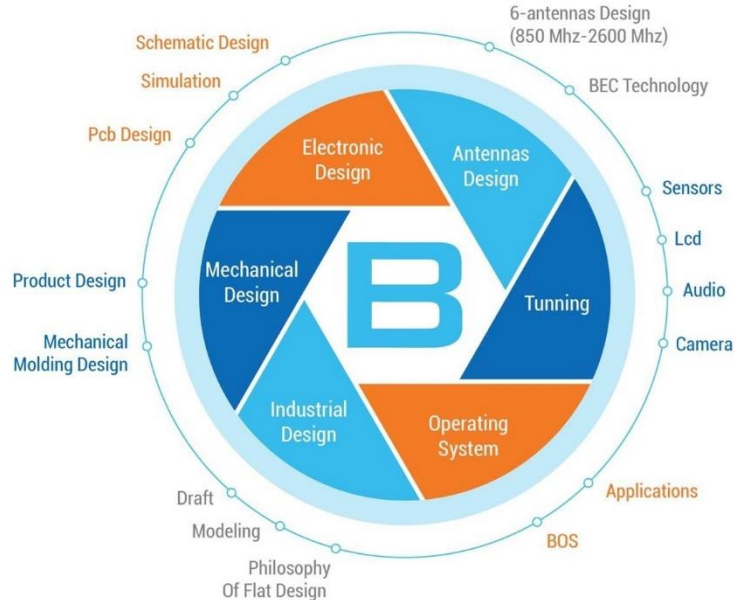
Innovator in Electronics

CAPACITIES IN DESIGN HOUSE AND MANUFACTURE

DESIGN HOUSE

BHS Control the Entire Manufacturing Process, From Design to Assembly ...

Engineer 142/225 pax(63%)
(HW: 26, SW 23, FW 5, Mechanical: 14, RF: 13, AI Valley: 61)



With strong supply chain service and manufacturing capability to respond quickly for customer order requirements.

300

Suppliers

Strategic cooperation with more than 300 suppliers around the world

4

Manufacturing Bases

Bkav R&D Factory Base.
Contract Manufacturing signed with:
two Tier 1 Manufacturing Base,
Tier 2 Manufacturing Base

8900

Employees

Bkav R&D Factory Base: 150
1st Tier 1 Manufacturing Base: 5800
2nd Tier 1 Manufacturing Base: 2722
Tier 2 Manufacturing Base: 300

MANUFACTURING



Employees: 5800
SMT Lines: 17 Lines
Location: Hanoi
Facility: 198,000 m2
PCB: 160K m2/month
FPC: 70K m2/month
Capa: 300 – 500K pcs/month

Employees: 2,722 VN
SMT Lines: 19 Lines
Location: Bac Ninh
Facility: 64,000 m2
PCB: 70K m2/month
FPC: 55K m2/month
Capa: 50 – 100K pcs/month



Employees : 300
Location: Bac Ninh
SMT Lines: 9 Lines
Location: Bac Ninh
Facility: 8,000 m2
Capa: 30 – 50K pcs/month

Quality Control Capability

telefication bv
The Netherlands
Chamber of Commerce
595539
www.telefication.com

telefication

Statement of Opinion

No: 162140204/AA/00

With respect to Chapter 10 of the Telecommunications Act of The Netherlands, Telefication declares that to our opinion the listed product complies with the essential requirements, in accordance with Article 3 of the Directive 1999/5/EC, as indicated under Annex 1 of this statement.

Product description: **Mobile Phone**
Trademark: **Bphone**
Type designation: **B1116**
Variants: **See Annex 3**

Manufacturer: **BKAV CORPORATION**
Address: **2nd Floor, HHI Building, Yen Hoa Urban Area, Yen Hoa Ward, Cau Giay District, Hanoi City, Vietnam**
City: **100000 Hanoi**
Country: **Vietnam**

This statement is granted to:

Name: **BKAV CORPORATION**
Address: **2nd Floor, HHI Building, Yen Hoa Urban Area, Yen Hoa Ward, Cau Giay District, Hanoi City, Vietnam**
City: **100000 Hanoi**
Country: **Vietnam**

This statement has THREE Annexes.

Zevenaar, 15 May 2017

CE

Mohammad Elhaj
Product Assessor

PRODUCT RVA C 2

FCC TEST REPORT

Reference No.: WTF20805024754E
Applicant: Bkav Corporation
Address: 2nd Floor, HHI Building, Yen Hoa Urban Area, Yen Hoa Ward, Cau Giay District, Hanoi City, Vietnam
Manufacturer: Bkav Corporation
Address: 2nd Floor, HHI Building, Yen Hoa Urban Area, Yen Hoa Ward, Cau Giay District, Hanoi City, Vietnam
Product: IP Camera
Model(s): S200
Brand Name: AI View
Standards: FCC PART15 SUBPART B: 2019
Date of Receipt sample: 2020-05-08
Date of Test: 2020-05-08 to 2020-06-28
Date of Issue: 2020-07-02
Test Result: Pass

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report reproduced, except in full, without prior written permission of the company. The report without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:
Waltek Services (Shenzhen) Co., Ltd.
Address: 1/F, Fukangtai Building, West Baima Road, Songgang Street, Baoan District, Guangdong, China
Tel: +86-755-83551033
Fax: +86-755-83552400

Compiled by: Billy Li / Project Engineer
Approved by: Philo Zhong / Manager

Waltek Services (Shenzhen) Co., Ltd.
http://www.waltek.com.cn

BỘ THÔNG TIN VÀ TRUYỀN THÔNG
Ministry of Information and Communications

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

THE SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

GIẤY CHỨNG NHẬN HỢP QUY
TYPE APPROVAL CERTIFICATE

Số: A0388310320AE01A2

TRUNG TÂM KIỂM ĐỊNH VÀ CHỨNG NHẬN 1
The Verification and Certification Center 1

CHỨNG NHẬN
It is to certify that

Sản phẩm / Product: THIẾT BỊ ĐẦU CÚI THÔNG TIN DI ĐỘNG GSM/W-CDMA FDD/E-UTRA FDD CÓ THU PHÁT VỎ TUYẾN SỬ DỤNG KỸ THUẬT ĐIỀU CHẾ TRÁI PHỐ TRONG BĂNG TẦN 2,4 GHz VÀ TRUY NHẬP VỎ TUYẾN BĂNG TẦN 5 GHz
GSM-W-CDMA FDD-E-UTRA FDD terminal equipment with 2.4 GHz spread spectrum radio interface and radio access in the 5 GHz band

Ký hiệu / Model: GBP128

Hãng, nơi sản xuất / Manufacturer, place of manufacturing: CÔNG TY CỔ PHẦN BKAV, HÀ NỘI

Đơn vị được cấp / Certificate Holder: CÔNG TY CỔ PHẦN BKAV, BKAV CORPORATION

Phù hợp quy chuẩn kỹ thuật, tiêu chuẩn / Complies with: QCVN 12: 2015/BTTTT; QCVN 15: 2015/BTTTT; QCVN 54:2011/BTTTT; QCVN 65: 2013/BTTTT; QCVN 117:2018/BTTTT

Giấy chứng nhận này được cấp trên cơ sở Kết quả đo kiểm số 0106/2020/TTLĐ-SP ngày 19/03/2020 của Trung tâm Đo lường (VILAS 103) thuộc Cục Viễn thông; Số: 200312.01-TN ngày 13/03/2020 của Phòng Đo lường - Thử nghiệm (VILAS 060) - Thuộc: Trung tâm Kỹ thuật, Cục Tần số vô tuyến điện; The Certificate is in reference to Test report No: 0106/2020/TTLĐ-SP dated Mar 19, 2020 by Metrology Center (VILAS 103) - Vietnam Telecommunications Authority; No: 200312.01-TN dated Mar 13, 2020 by RF Testing and Measurement Division (VILAS 060) - Technical Center - The Authority of Radio Frequency Management.

Nơi cấp / Place of Issue: Hà Nội

Ngày cấp / Date of Issue: 31/03/2020

Có giá trị đến / Date of Expiry: 31/03/2022

KT. GIÁM ĐỐC PHÓ GIÁM ĐỐC
PP. Director
Deputy Director

TRUNG TÂM KIỂM ĐỊNH VÀ CHỨNG NHẬN
Lê Thị Thanh Nga

SAR

Measurement and Test Report

For
BKAV CORPORATION

r, HHI Building, Yen Hoa Urban Area, Yen Hoa Ward, Cau Giay District, Hanoi, Vietnam

EN 62479 :2010
EN 62209-1 :2016 EN 62209-2 :2010
EN 50360 :2017 EN 50568 :2017

ds: Mobile phone

cription: Bphone 3 Pro

it: WTX19X02007688W

ived Date: 2019-02-18
2019-02-18 to 2019-02-20
2019-02-20

Lucy Wei / Engineer

ilin Chen / EMC Manager

Authorized By: Jandy So / PSQ Manager

Shenzhen SEMTest Technology Co., Ltd.
1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C. (518101)
+86-755-33663308 Fax: +86-755-33663309 Website: www.semtest.com.cn

test report is limited to the above client company and the product model only. It duplicated without prior permitted by Shenzhen SEMTest Technology Co., Ltd.

X19X02007688W PAGE 1 OF 146 SAR REPORT

BUSINESS MODEL

ODM



Bphone 1



Bphone 3



Bphone A85

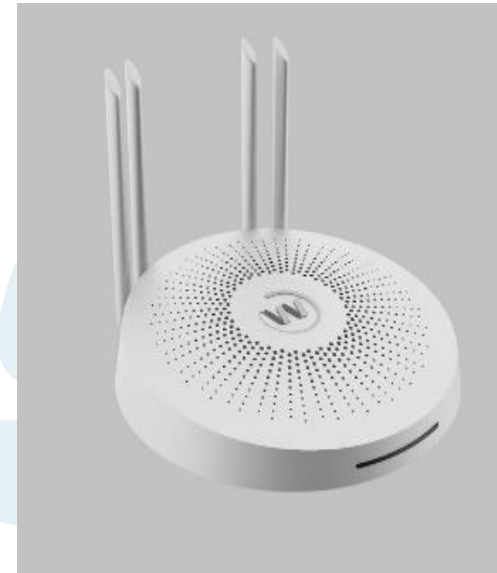


RnD, manufacturing these products with Customer Brand (White Lable).

Andvantage: BHS is Smartphone Maker, The Golden Design Parner of Qualcomm

BUSINESS MODEL

— OEM —



Manufacturing base on Customer's design and requirement.

Advantage: One Stop Services, BHS provide electronics, mechanical material, Tool, test jig, assembly, build box, logistics... Product certificate.

BUSINESS MODEL

SOM – KIT MODULE

KIT



Qualcomm

MediaTek

SOM



BHS provide SOM AIoT, KIT-DEV to Customer for R&D and development their electronic and AIoT products.

Advantage: Long term relationship with Qualcomm in manufacturing Smartphone, AIoT device such AI Camera, AIBox. IDH of MediaTek, Support full ecosystem from hardware, Software, Platform to promote AIoT market.

BUSINESS MODEL

AIBOX

AI BOX 4 CHANNEL



AI BOX 24 CHANNEL

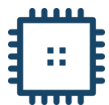


Full range product and AI performance up to 200 TOPS

Advantage: Easy for AI Model integration such as Face Recognition, APNR, Object Detection, Fire Alarm... Applied for Medical, Education, Smart Factory, Smart Agriculture....

BUSINESS MODEL

RF Design



Design service

RF solution, schematic, PCB layout, BOM
Antenna design, BOM



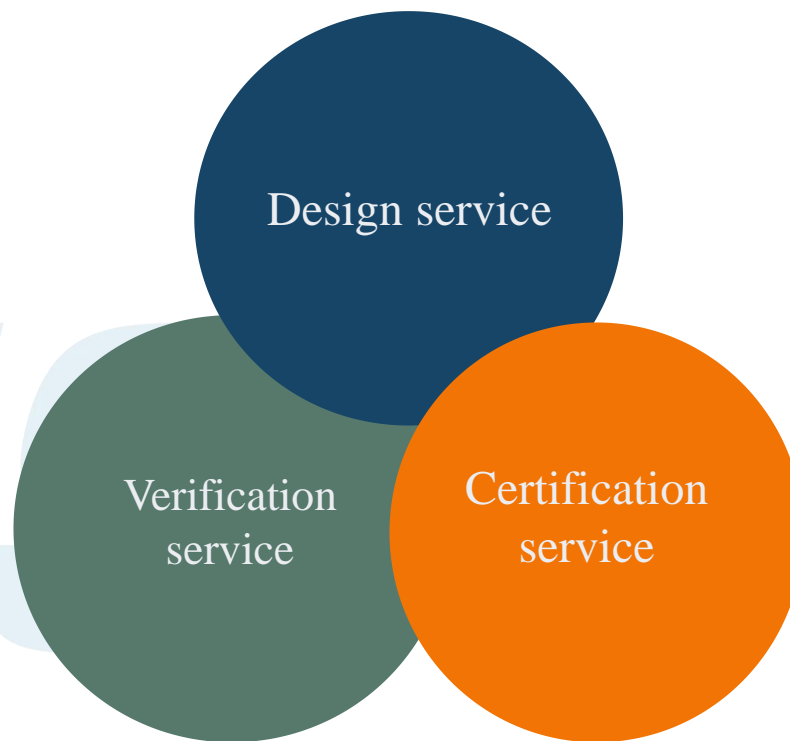
Verification service

RF matching, RF calibration, RF verification
Antenna matching, Antenna measurement
RF Software tool, RF testing in Manufacturing
Antenna testing in Manufacturing



Certificate service

Pre-test FCC, CE, QCVN
Get Certificate FCC, CE, QCVN
Get SAR antenna report



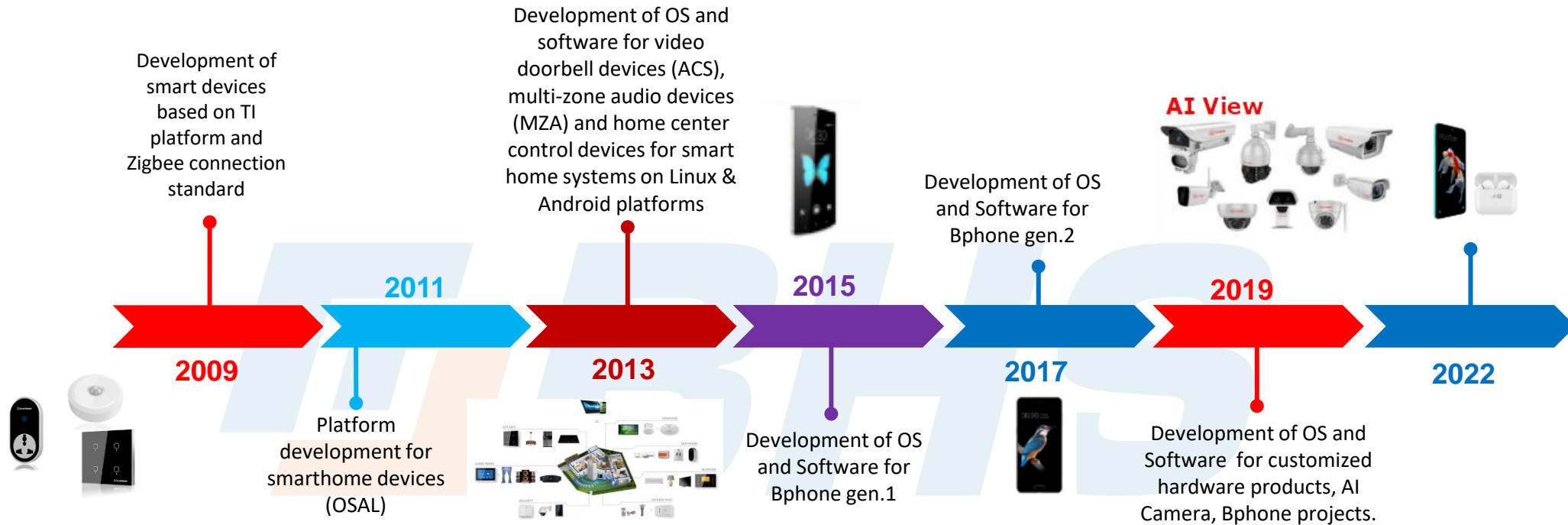
BHS provide design service, verification service and certification service concerning RF/Antenna.

Advantage:

- Have a lot of experience in designing on many platforms and materials
- Strict design process
- Extremely diverse services

BUSINESS MODEL

Software Design



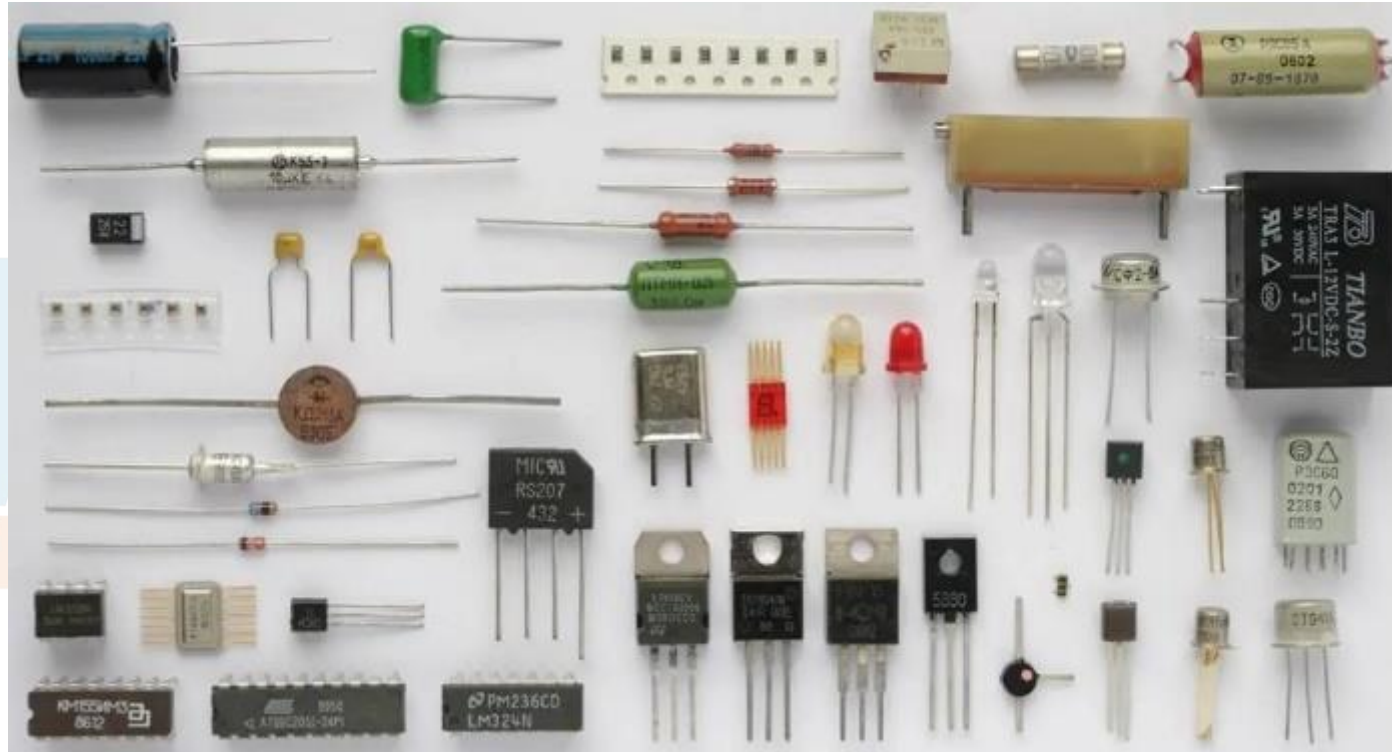
BSP core, Tuning and Optimization for hardware driver, Testing, Applications, Testing and get certifications for hardware products

Advantage:

- Familiar with many chipset platforms.
- Have certifications from Google and other certification authorities.
- Strong integration ability: Deployment of full system for products.

BUSINESS MODEL

— PROCUREMENT —



Distribute electronics, mechanical material and tool, Jig, molding for manufacturing.

Advantage: One Stop Services for electronics and mechanical components with more than 300 suppliers network.

Thanks



+84 978 712 713



<https://bhs.ai/>



Trungnvp@bhs.ai

