Networking Mastery

AEWIN Company Profile

About AEWIN

- AEWIN founded on 2000. Our product includes network security appliance and server, made in Taiwan. We provide both off-the-shelf and ODM services to meet different customer needs.
- On 2019, AEWIN becomes a member of BSG under BenQ Qisda group. BSG covers smart office, smart medical & manufacturing, targeting to be Expert of AIoT. BenQ Qisda 2019: 75K employees, US$25B revenue

AEWIN Profile

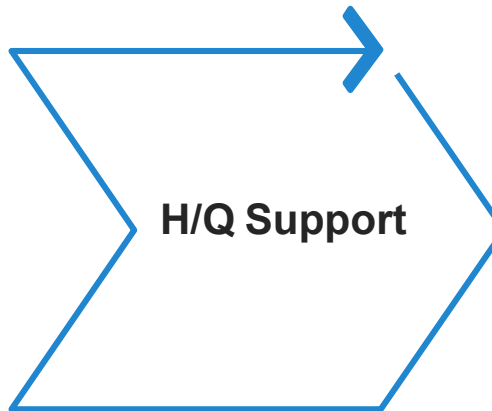|	
Founded	2000
Capital	US$19.5M
2020 Revenue	US$60M
Worldwide Offices	New Taipei, Taiwan San Jose, CA, USA Beijing, China Shenzhen, China Seoul, Korea

Technical Support Process

1. Checking the failure with AK*

→ Firstly considering if the products that failed
   due to be treated as out of Warranty Policy

3. The operation of customer service

→ Finally repairing or replacing on the basis of
   warranty policy

Korea Office Support

H/Q Support

RMA/DOA
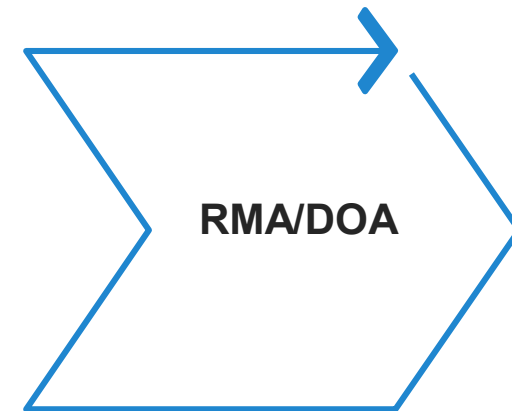
* AH : AEWIN Headquarters
  AK : AEWIN Korea Office

**2. Determining the solution
about the failure with AH***

→ Secondly deciding if repairing,
   replacing or on costs based on
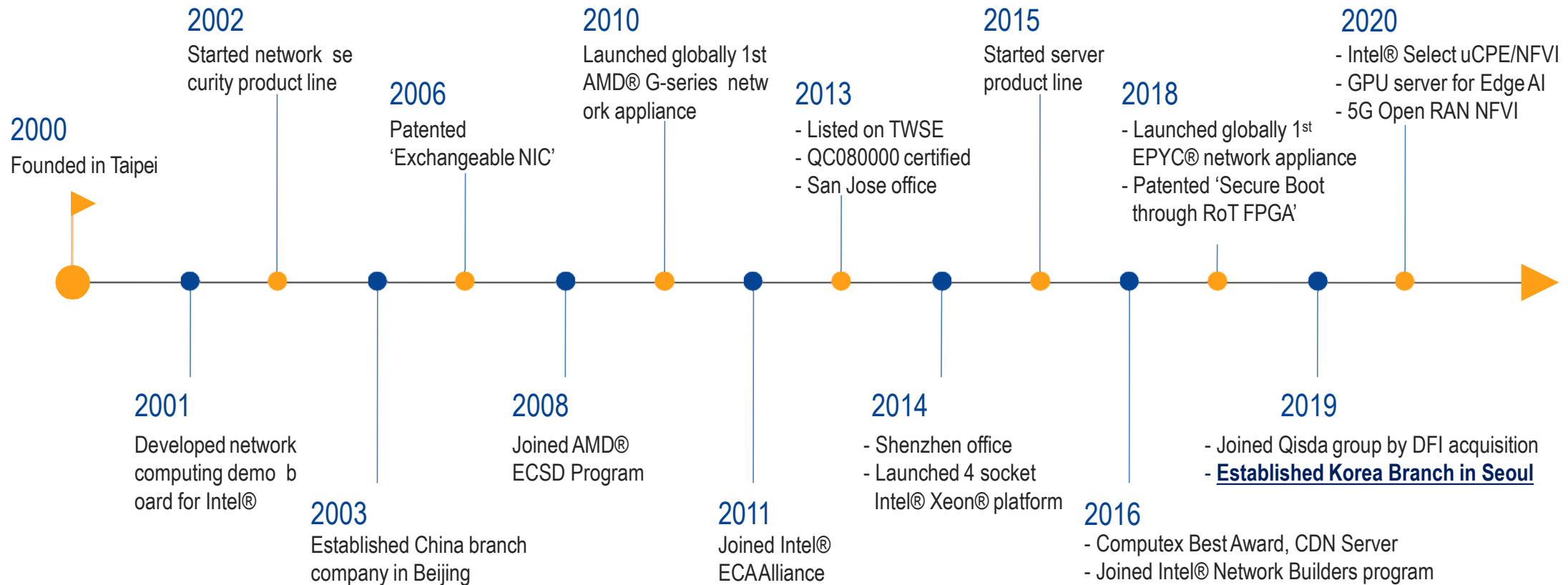   warranty policy

▣ **RMA : Return Merchandise Authorization(12months)**
   - A shipper shoulders the one-way freight
   ex) KR→TW(**AK or Customer**), TW→KR(AH)

▣ **DOA : Dead on Arrival(30days)**
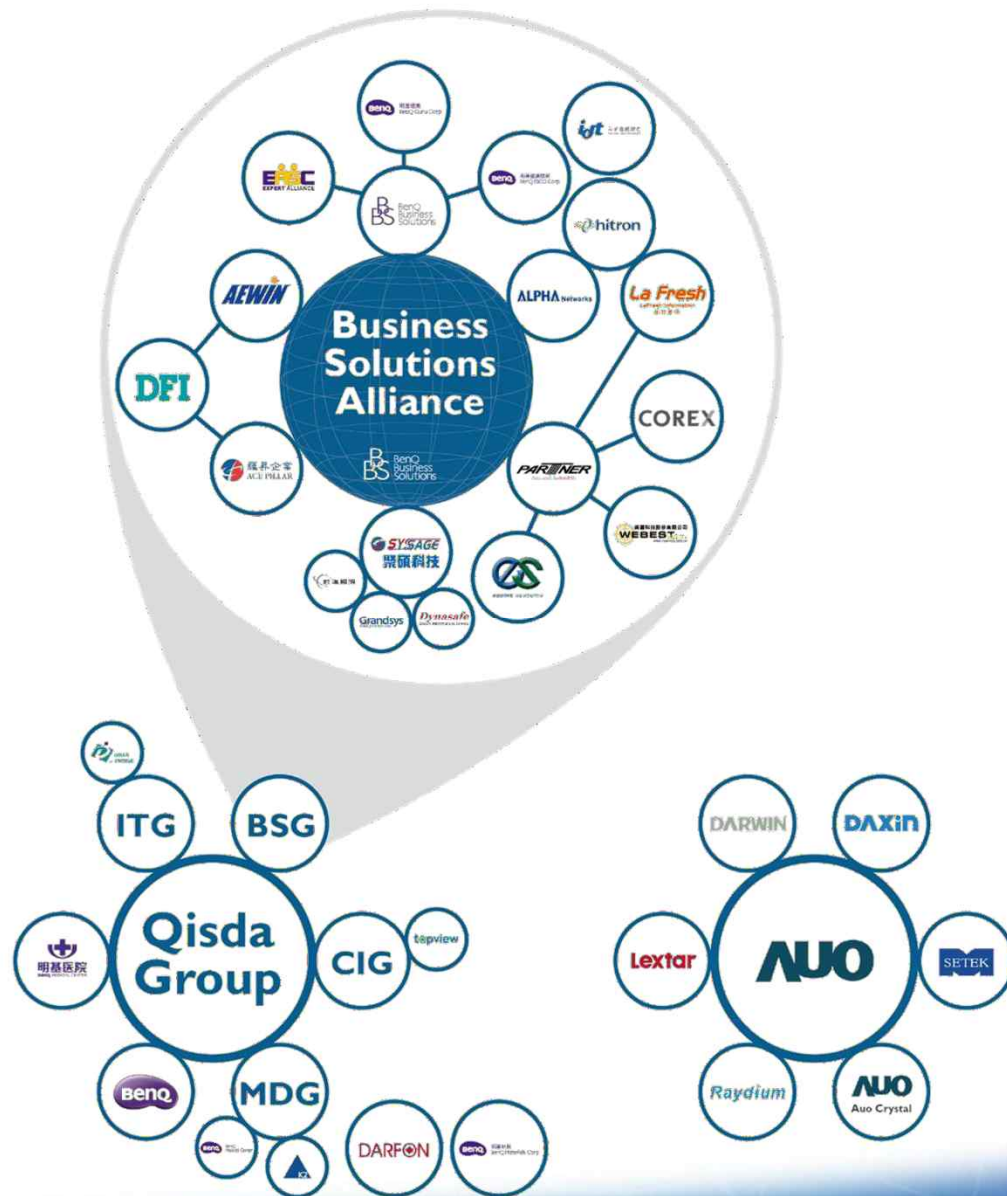   - AH shoulders the two-way freight

Milestone

2000
Founded in Taipei

2001
Developed network computing demo board for Intel®

2002
Started network security product line

2003
Established China branch company in Beijing

2006
Patented 'Exchangeable NIC'

2008
Joined AMD® ECSD Program

2010
Launched globally 1st AMD® G-series network appliance

2011
Joined Intel® ECA Alliance

2013
- Listed on TWSE
- QC080000 certified
- San Jose office

2014
- Shenzhen office
- Launched 4 socket Intel® Xeon® platform

2015
Started server product line

2016
- Computex Best Award, CDN Server
- Joined Intel® Network Builders program

2018
- Launched globally 1st EPYC® network appliance
- Patented 'Secure Boot through RoT FPGA'

2019
- Joined Qisda group by DFI acquisition
- **Established Korea Branch in Seoul**

2020
- Intel® Select uCPE/NFVI
- GPU server for Edge AI
- 5G Open RAN NFVI

AEWIN

Networking Mastery

Qisda BSA

Business Solutions Alliance

- **75,000+ employees worldwide**
- **100+ sales/manufacturing sites**
- **$25B annual revenue (약 30조원)**
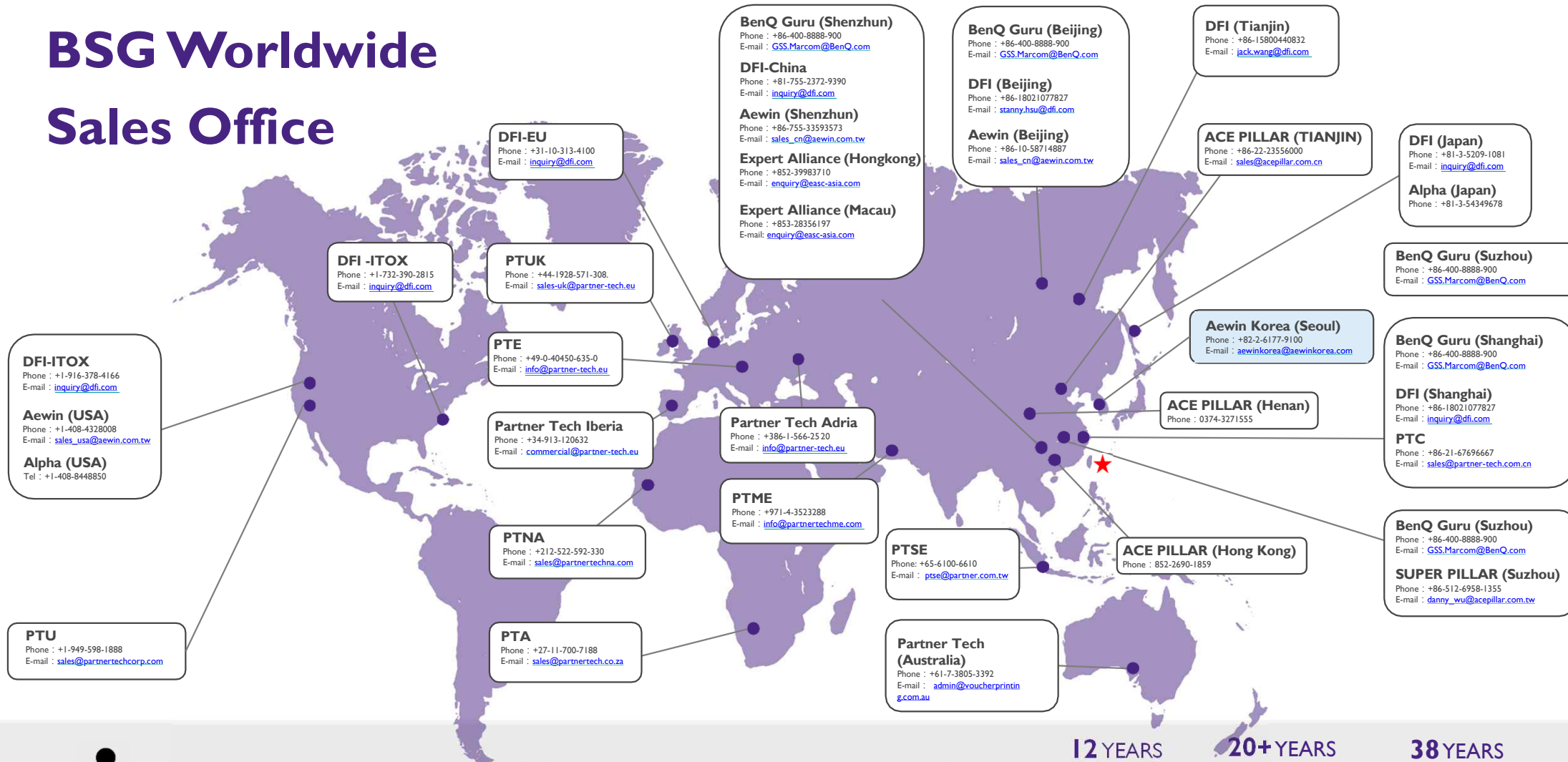- **Vertical integration from components to total solution**

Our Vision: Experts of AIoT

Qisda

Qisda Business Solution Alliance

Smart Factory	Smart Campus	Smart Office	Smart Hospital	Smart Hotel	Smart Store

Vertical Integration →

Services	WEBEST 美麗科技股份有限公司 www.i-service.com.tw · EASC EXPERT ALLIANCE · BenQ 明基能源技術 BenQ ESCO Corp
SP/ SI	PARTNER · EPOINT SYSTEMS · BenQ Business Solutions · BenQ 明基逐鹿 BenQ Guru · D8AI · La Fresh · Grandsys · Dynasafe Secure Infrastructure Service · iDT 互動國際數位 · 前進國際
VARs	SYSAGE 聚碩科技 · 羅昇企業 ACE PILLAR · COREX
Devices	DFI · AEWIN · ALPHA · hitron · DATA IMAGE · topview
Infrastructure	Qisda

Domain knowledge across six major fields →

Qisda

BSG Worldwide Sales Office

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E-mail : admin@voucherprinting.com.au

3,000+ WORLD EMPLOYEES

50+ WORLDWIDE SITES

12 YEARS
ESCO

20+ YEARS
NETWORKING & COMMUNICATUIN

38 YEARS
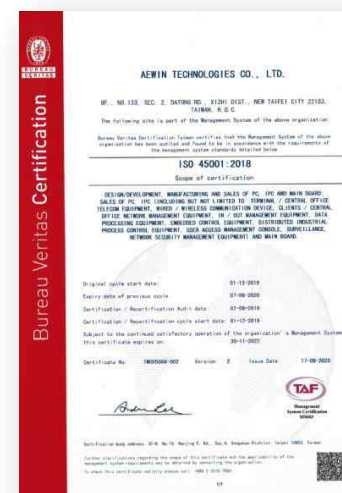EMBEDDED SYSTEM

10 YEARS
FACTORY AUTOMATION

20 YEARS
ERP / ICT SOLUTION PROVIDER

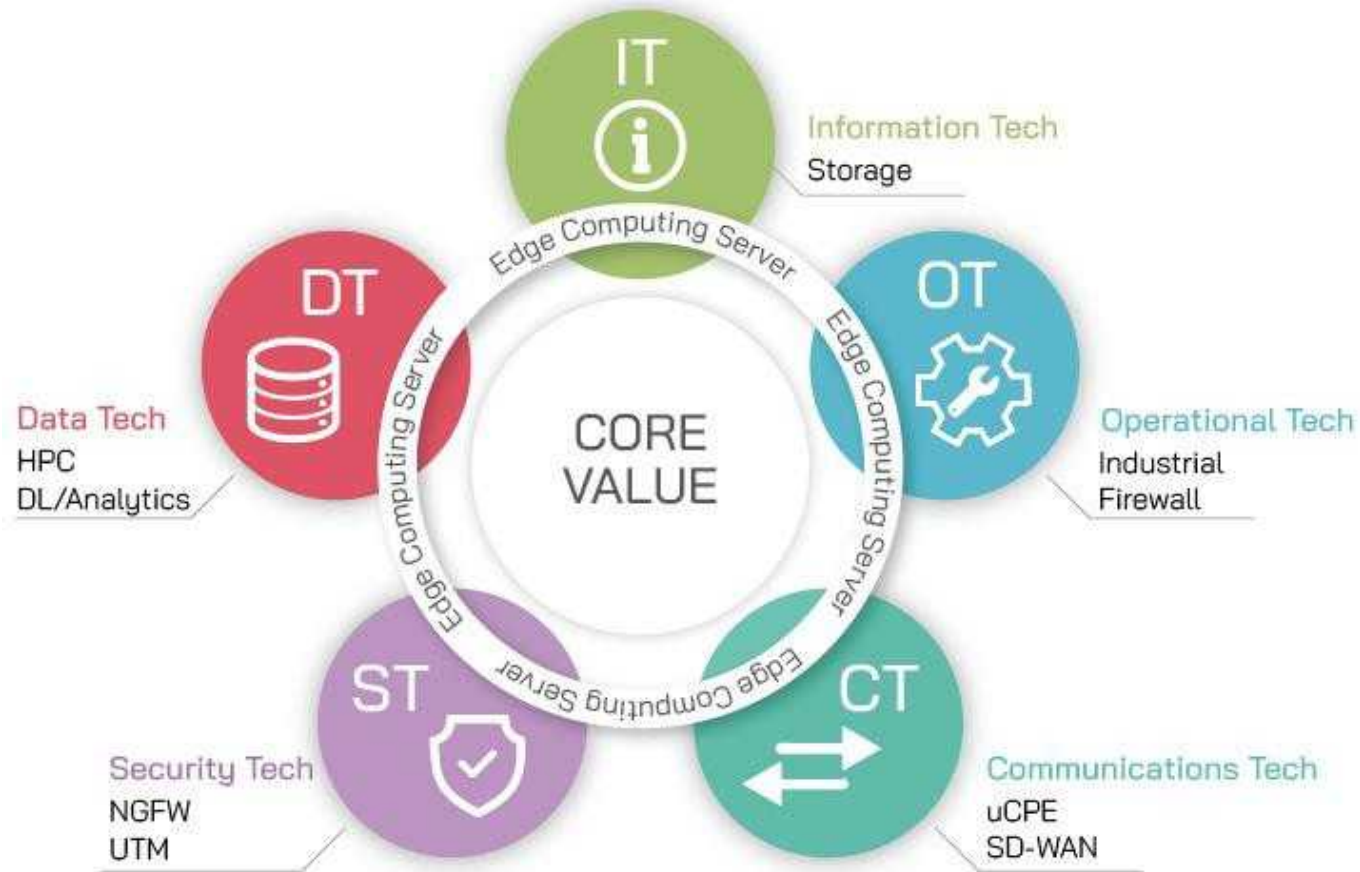**28** YEARS
POS

Global KA Reference

Certification

- ISO 9001 : 2015 certificate since 2001
- ISO 14001 : 2015 certificate since 2012
- ISO 45001 : 2018 certificate since 2020
- QC080000 : 2017 certificate since 2013
- TUV Audit certificate
- CCC Audit certificate
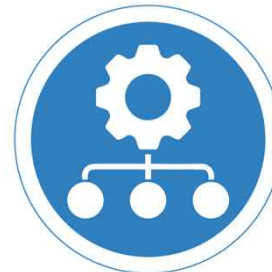- UL Audit certificate

Core Value in 5T field

IT — Information Tech — Storage

OT — Operational Tech — Industrial Firewall

DT — Data Tech — HPC, DL/Analytics

ST — Security Tech — NGFW, UTM

CT — Communications Tech — uCPE, SD-WAN

CORE VALUE

Edge Computing Server

Product Application

NETWORK APPLIANCE

Network Security
FW, UTM, IDS/IPS, WAF, DPI…

Network Management
ADC, Load Balancer, WAN optimization, …

SD-WAN
vCPE, SD-WAN, …

WHITEBOX SERVER *NEW*

General Purpose Compute & Storage
VDI, Proxy/Cache, SIEM, …

Edge Computing, MEC / vRAN
Inference, Video Analytics, 5G CU/DU, …

AEWIN

Networking Mastery

From End to Cloud product segment

On Premise	Access Network	Central Office / Core Network	Public Cloud
vCPE, SD-WAN Connections...	vRAN, MEC, Cloud Gaming AR/VR, Low Latency...	vEPC, vIMS, vGiLAN vBNG, vCMTS, vCDN...	General Purpose Compute & Storage
ATOM, Fanless option	Xeon SP, EPYC, <600mm Xeon D, <450mm	Xeon SP, EPYC, <600mm	Xeon SP, EPYC, <800mm
Desktop ~50G	1U/2U ~100G	1U/2U ~400G	2U ~400G+

AEWIN

Networking Mastery

Intel Network Builders

Intel Select – uCPE & NFVI

SCB-1830

Intel Select Solution for uCPE

SCB-1921

Intel Select Solution for NFVI

* Pre-validated configurations

Intel Ice Lake CRB

Intel partnered with AEWIN to build the Ice Island CRB

- 1x ICX-SP up to 270W TDP
- 8x DDR4 3200 RDIMM
- 2x PCIe Gen4 x16, 3x PCIe Gen4 x8
- PFR, AST2500 BMC
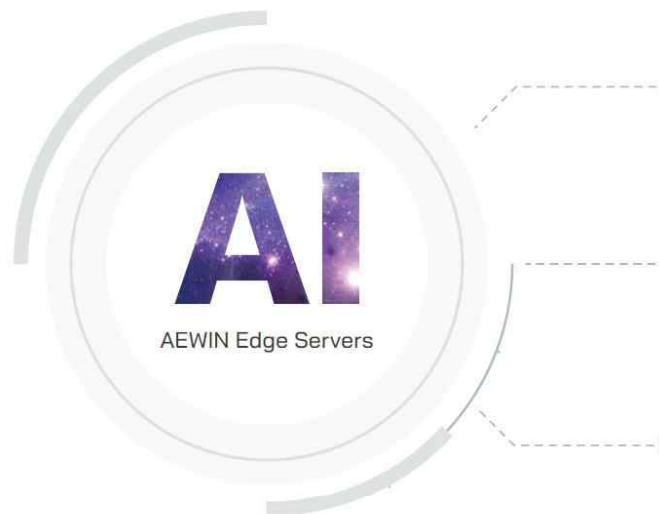- ATX form factor PCB
- 2U/1U rack-mount system planned
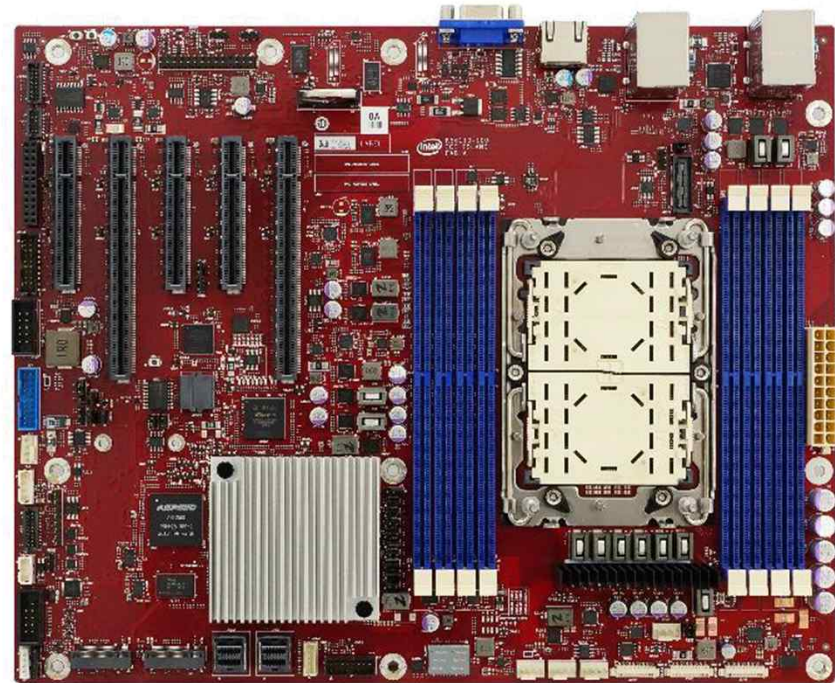
Versatile NIC Modules

1G ~ 100G port speed with options

- Gen.3 MCU Copper/Fiber bypass

- POE+ (Power over Ethernet)

- QAT (Quick Assist Technology)

- PCIe Gen.4 for 100G+

- PCIe switch design for various bus speed

- Active/Passive thermal design

GbE Modules

10GbE SFP+ Modules

25GbE zSFP+ Modules

100GbE QSFP28 Modules

40GbE QSFP+ Modules

NIC Module Series
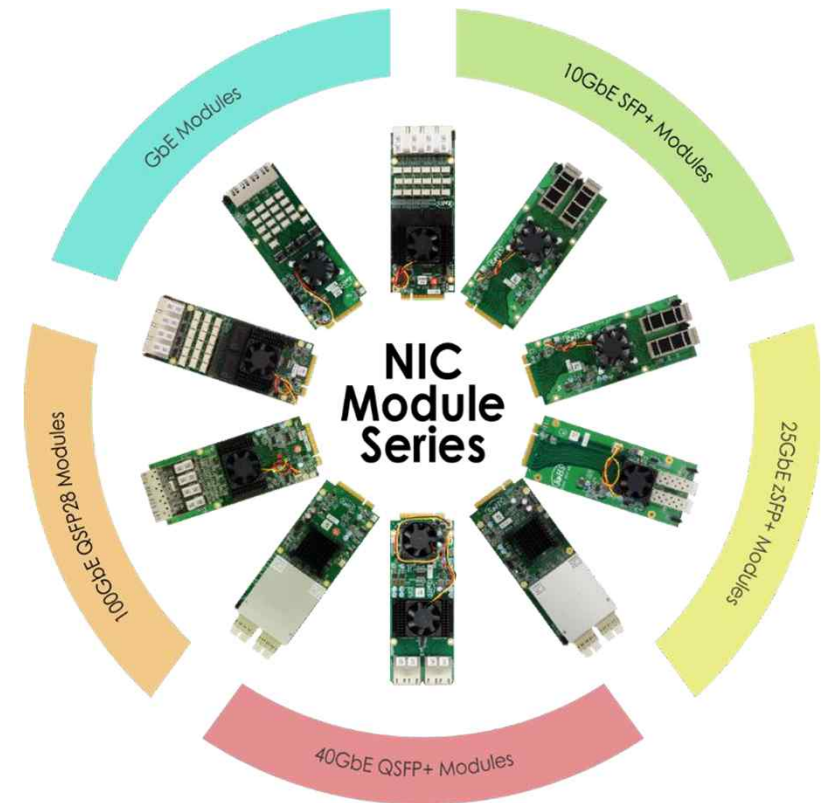
Support various Extension in platform

AI

AEWIN Edge Servers

Trusted Secure Boot Module

QAT Accelerator Module

NVIDIA Tesla T4

SCB-1921
Dual 2nd Gen Intel® Xeon® Scalable

SCB-1935
2nd Gen AMD® EPYC™ 7002 (Rome)

AEWIN Customization Service

1 Design
- Network Appliance/Server with Requested Features and Form Factors
- Various NIC & Peripheral Modules

2 Integration
- Desired System Enclosure, Mechanical & ID Design
- Customized BIOS / OS / Software
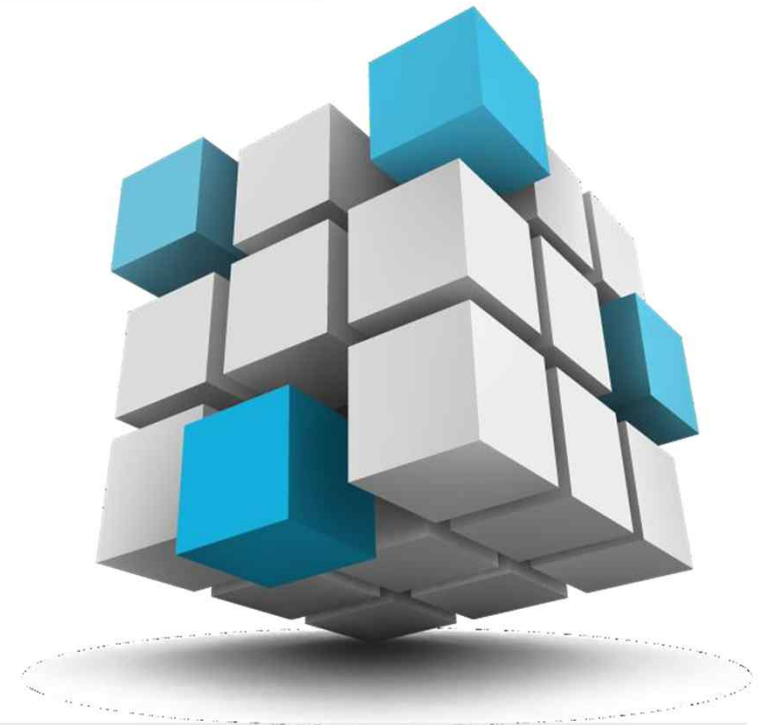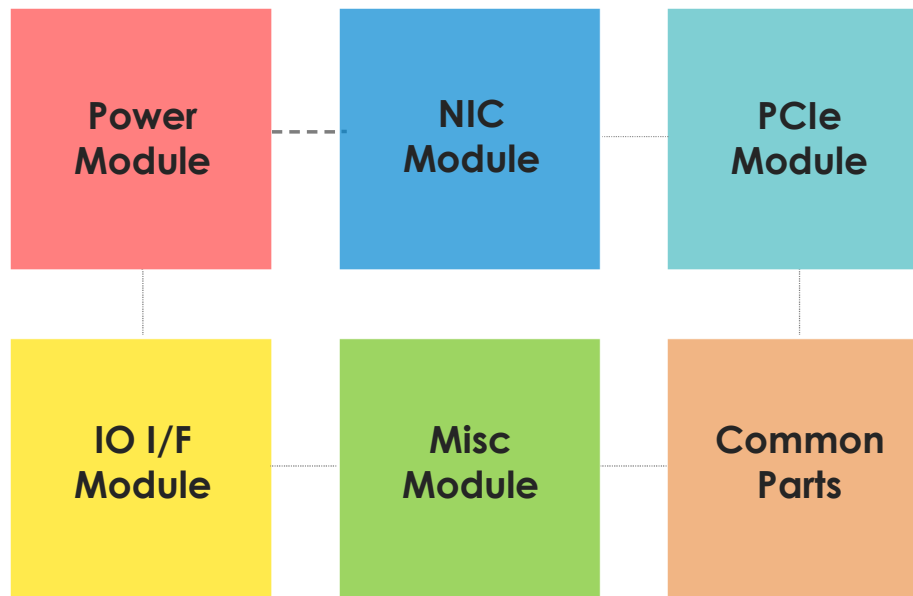
3 Manufacturing
- Strict Product Validation
- Small-Volume, Large-Variety Production
- 100% Product Inspection

4 Services
- Excellent Revision Control
- After-Sales Services
- Technical Support

ACS

Modular Circuit Library

Power Module	NIC Module	PCIe Module
IO I/F Module	**Misc Module**	**Common Parts**

With 20 years of extensive R&D experience, AEWIN has modularized the circuit designs and stored them in the database, which not only meets customer's requirement but also ensures consistency of qualified design in network application.

Networking Mastery

THANK YOU !!