

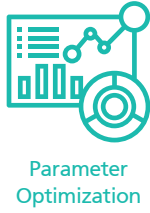
VHub ESG Solutions

Enabling Digital Factory via One-Stop AIoT Services

Dozens of countries have put forward "2050 Net-Zero Emissions" declarations and actions. To achieve net zero, companies can adopt demonstrated emission reduction measures to target emissions across their value chain and invest in innovative zero-carbon technologies. VHub ESG Solutions for Smart Factory help accelerate the transformation of manufacturing industries and bring competitiveness and environmental sustainability to meet the "Net-Zero" policy.



AI Data Analysis



VHub ESG Solutions provide various AI tools to predict equipment maintenance schedule and optimize production capacity through facility parameters like water, oil and power at the edge. It helps the manufacturing industry improve the process, product quality and reduce costs.

Reliable Ecosystem

VHub ESG Solutions support many industrial grade protocols such as Modbus, OPCUA, and Onvif collecting data and integrating communications at the edge. It provides a variety of functions of applications in an easier way.

Protocol & SDKs	
Vision AI Development 	Machine & Sensor DAQ
Partners 	

OT Devices

Training Server

RCX-2000 PEG

- 11th Gen Intel® Xeon®/Core™ i7/i5
- 1500W power budget supports max dual 750W 3-slot graphics card

Training Server

SPC-7000

- 11th Gen Intel® Core™ i7/i5/i3
- Max DC 16V to 160V Wide Range Power Input, TSN, TPM 2.0 supported

Edge Gateway

EIC-2000

- NXP i.MX 8M Plus Arm Cortex-A53 Platform
- Embedded Neural Processing Unit, max 2.3 TOPS AI performance

Inference Platform

ABP-3000 AI

- 8th Gen Intel® Core™ i7/i3
- Optional built-in Hailo-8 AI Accelerator, up to 26 TOPS

Inference Platform

EAC-3000

- Small form factor, max 32 TOPS AI performance
- 5 GigE LAN with 4 PoE+, 2 CAN Bus support Flexible Data-rate

Edge Gateway

AIC-100

- NXP i.MX6ULL Arm Cortex-A7 Platform
- 512MB SDRAM, 512MB Flash