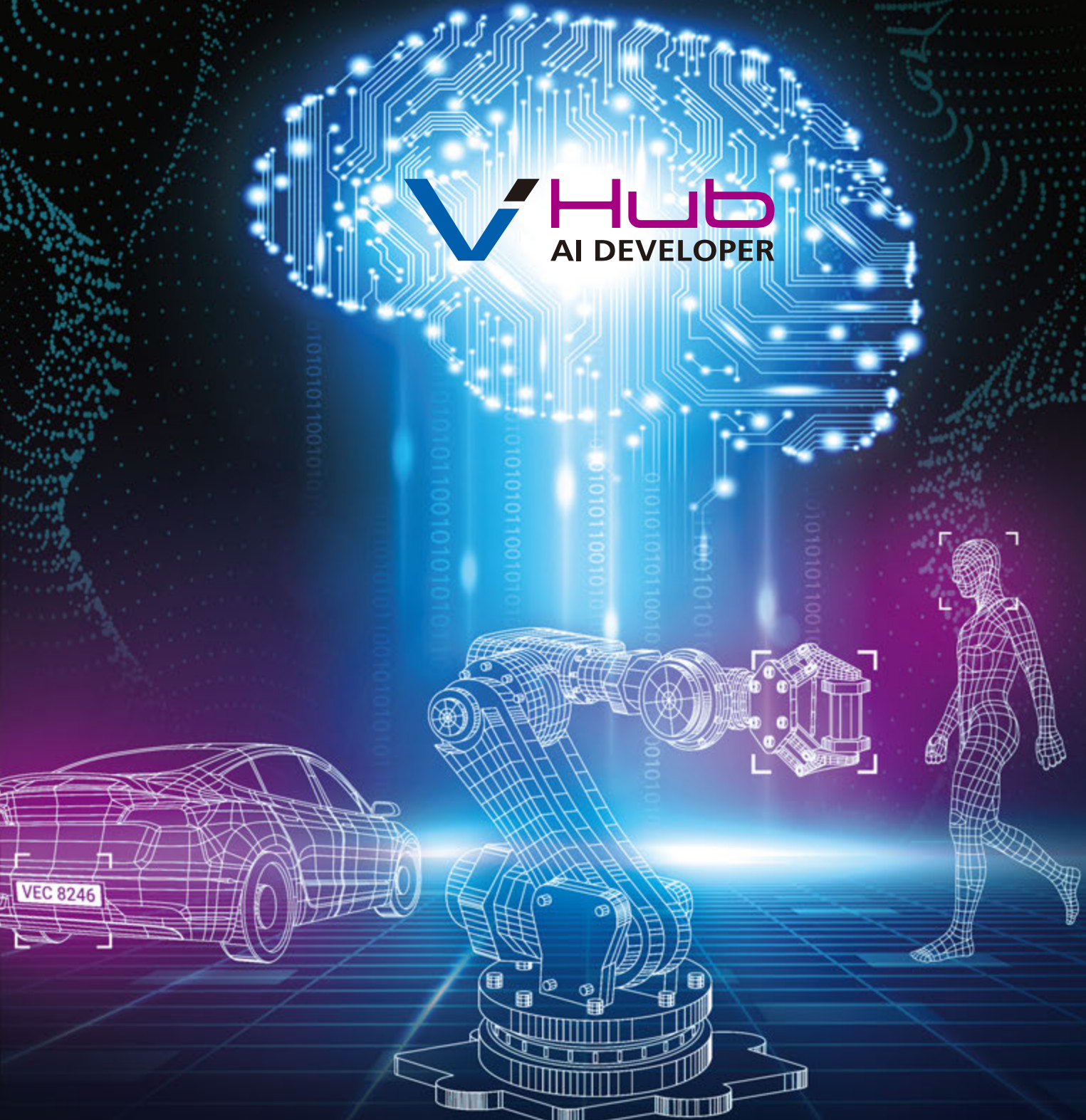


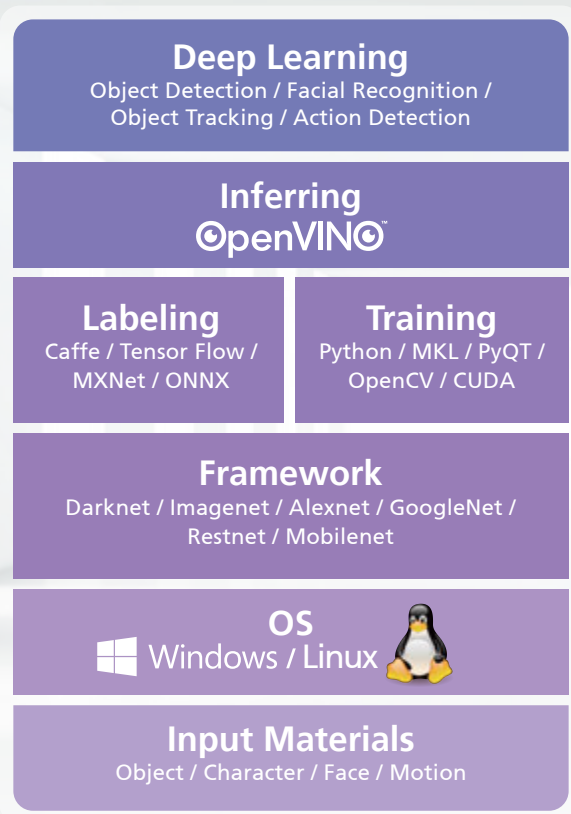
VHub AI Developer

A Smart & Speedy AI Enabler for Multiple
Training Platforms and Accelerate Solutions



VHub
AI DEVELOPER





Software

Diagram

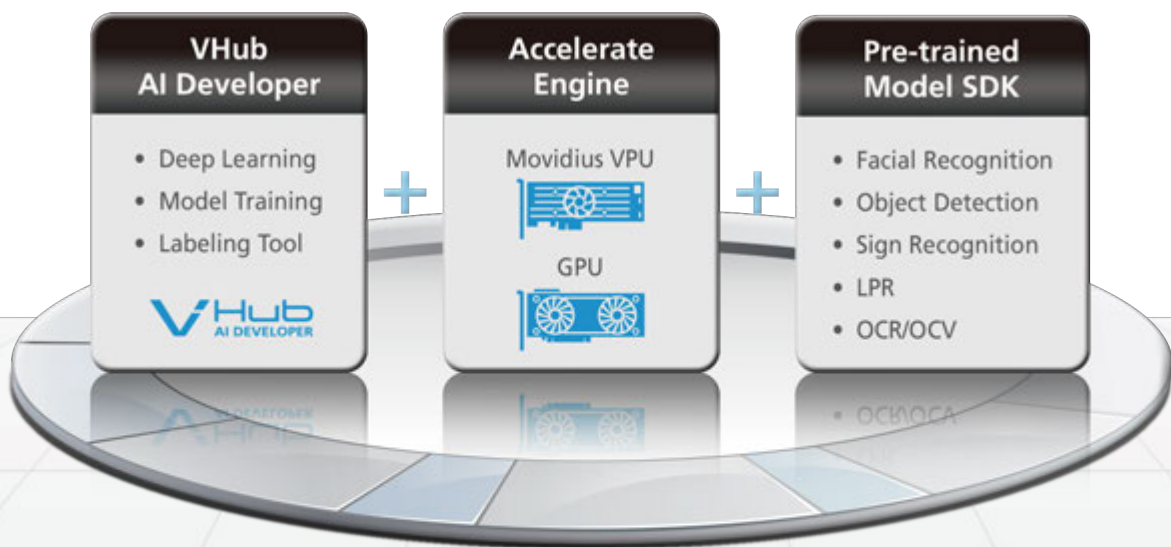
Vecow's AI developer adopts datasets from a variety of sources, videos, and pictures as training materials. With the labeling tool and model training platform inside, customers can develop any AI applications with a deep learning computing engine.

AI developer also provides additional SDKs for customers to accelerate the development process with little integration effort as well as solution deployment to various verticals. In the era of AI-Vision world, Vecow AI Developer aims to become a robust foundation for your future artificial intelligent roadmap.



Time-to-Market

VHub Ready Inference Solution

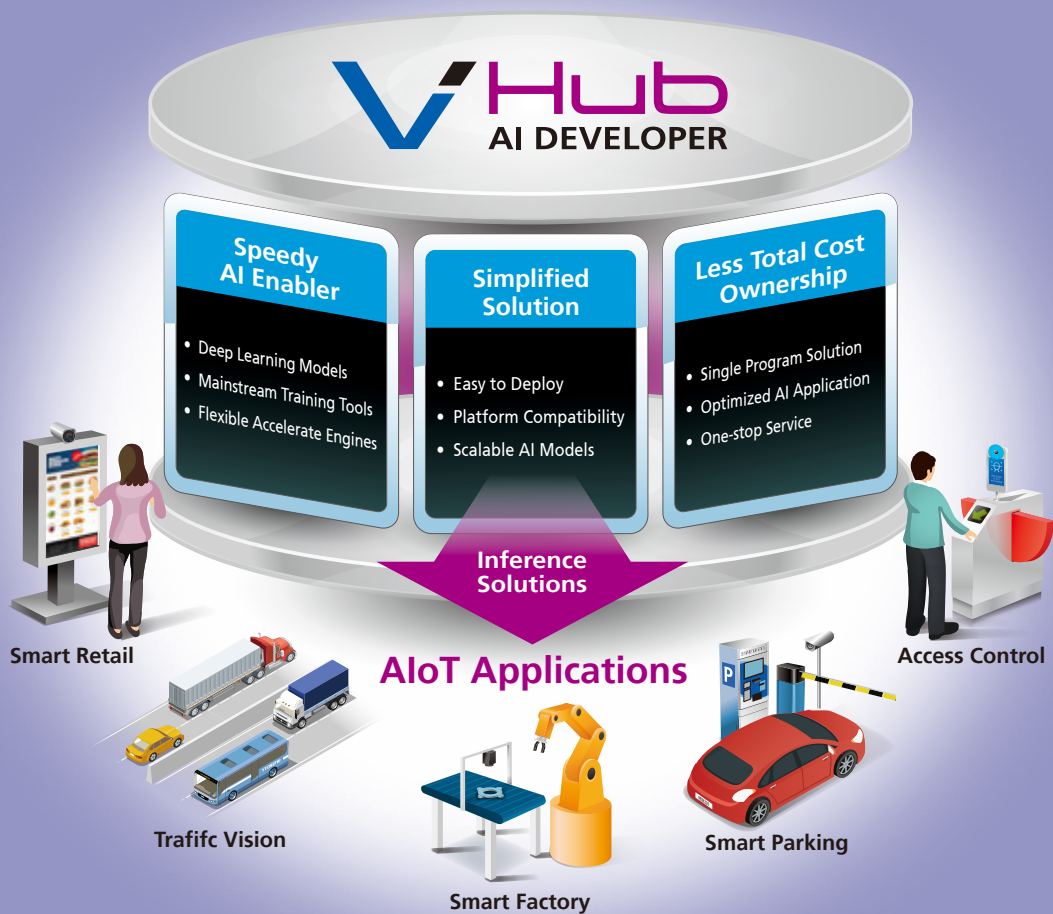


VHub Solutions

VECOW SMART SOLUTIONS

The Future Of Vision Computing VHub AI Developer

With the prosperity of AI-Vision solution, related applications have deployed in various verticals. To accelerate the speed of entering a new market and deduct the initial development expense has become one of the essential tasks for everyone. Vecow's VHub AI Developer includes pre-trained model SDK and labeling tool which support multiple Training Platforms and Accelerate Solutions. By delivering an one-stop hardware and software solution, Vecow benefits a speedy and flexible AI Enabler with lower total cost of ownership for your public surveillance, smart retail, access control, machine vision and any AIoT applications.



Key Elements for AI Solutions

Model SDK



Vecow VHub AI Developer provides multiple pre-trained models, such as Object Detection, Facial Recognition, Object Tracking, and Behavior Analysis, to make your AI solution possible.

Training Platform



Vecow VHub AI Developer supports mainstream training tools in the market, such as Python, MKL, PyQT, OpenCV and CUDA to ease your setup cost and efforts.

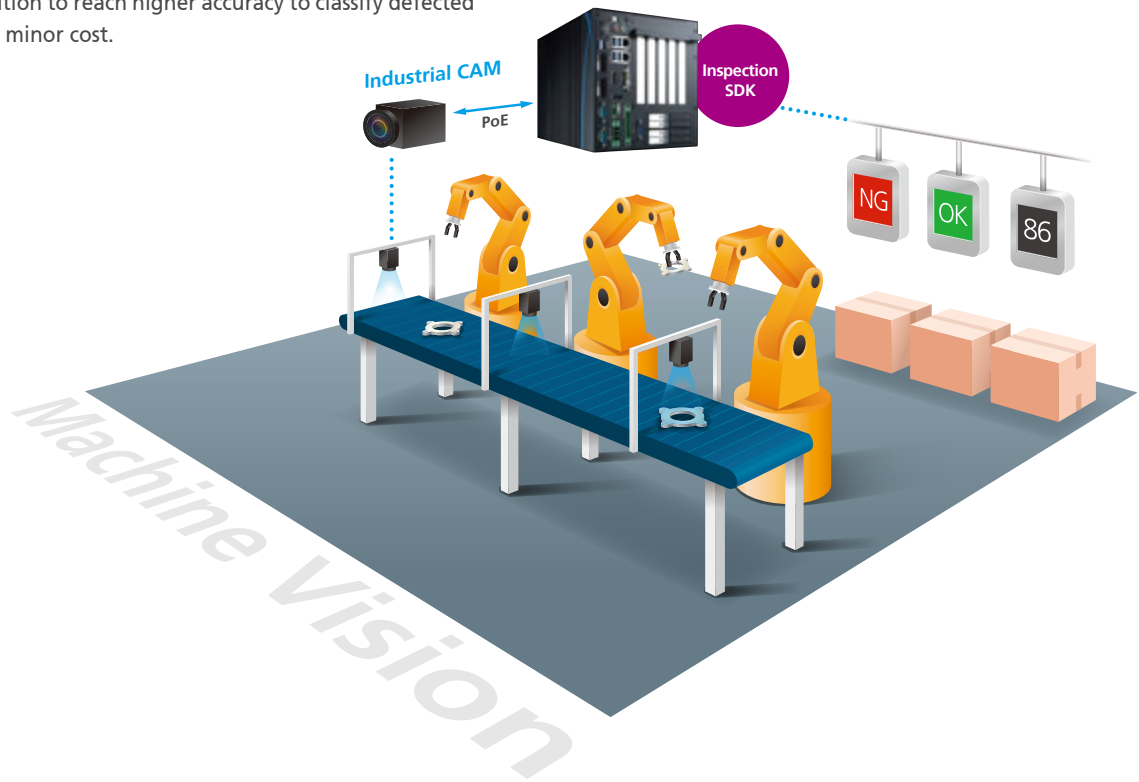
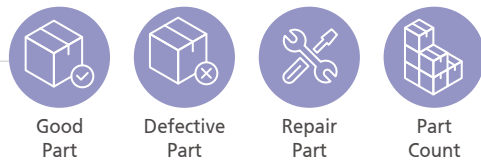
Labeling Tool



Just a few simple setup processes, Vecow VHub AI Developer carries out brand new AI Models accordingly, by object, character, image, or motion for solution requirements.

Machine Vision

To maximize efficiency and accuracy plays a vital role in the defect detection process. With pre-installed inspection SDK and the support of both VPU and GPU accelerate engines, assist the solution to reach higher accuracy to classify defected part with the minor cost.



Smart Retail

Customer's characteristics are vital information to manage a retail store. With pre-installed feature recognition SDK, the solution can easily achieve the function of gender classification, age segmentation, people count, and in-store behavior that help increase the business profitability.





Approve



Deny



Vision Library



Facial Recognition

Access Control

The purpose of access control is to grant entrance for those who are authorized to be in the building or office. With pre-installed facial recognition SDK, the data will be recorded in a vision library to provide a quick and convenient access experience.



Access Control



Vacancy Count



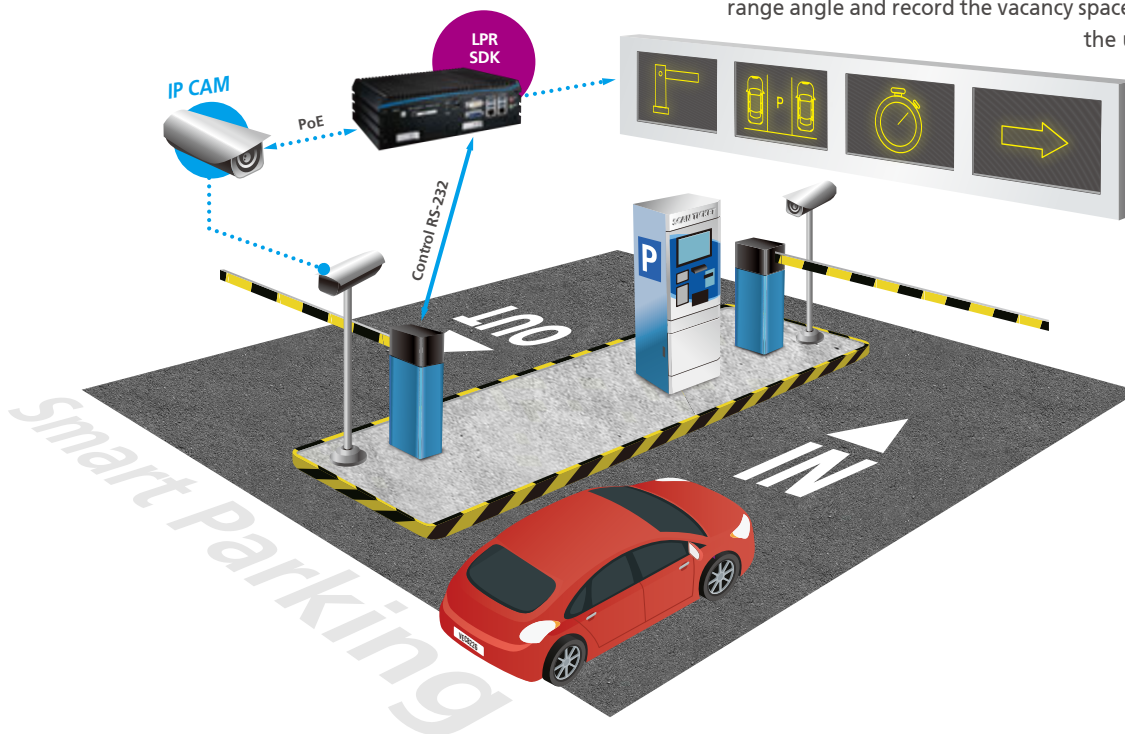
Parking Time



Auto Guidance

Smart Parking

Vehicles on the road are promptly outpacing the supply of available parking spaces. With pre-installed LPR SDK, the solution can recognize the license plate in a wide range angle and record the vacancy space that enhances the utilization rate.



AI Ready Inference Systems

Starter Kit



VHD SPC-7000 Series

- OpenVINO computing engine inside
- 11th Gen Intel® Core™ i7/i5 Processor
- DDR4 8GB Memory, 256GB SSD
- 2 USB 3.1, 2 USB 2.0, 2 GigE LAN
- DC 9V to 55V

Deployment Kit

VHD ECX-2000-PoER Series

- OpenVINO computing engine inside
- 10th Gen Intel® Core™ i7/i5 Processor
- DDR4 16GB Memory, 256GB SSD
- 6 GigE LAN with 4 PoE+
- DC 9V to 50V



Development Kit

VHD ECX-2400 PEG Series

- OpenVINO/GPU computing engine inside
- 10th Gen Intel® Core™ i7/i5 Processor
- 2 PCIe expansion slots support VPU's GPU's
- DDR4 16GB Memory, 256GB SSD
- 2 GigE LAN with 4 PoE+
- DC 12V to 50V



Titan Kit

VHD GPC-1000 Series

- OpenVINO/GPU computing engine inside
- 9th Gen Intel® Core™ i7/i5 Processor
- 4 PCIe expansion slots support VPU's GPU's
- DDR4 16GB Memory, 256GB SSD
- 4 USB 3.1, 4 GigE LAN
- DC 9V to 55V



Advanced Packages

| Accelerate Solutions | Intel Movidius VPUs | GPU's |
|------------------------|---------------------|-------------------|
| AI Deployment Training | Basic Training | Advanced Training |