



Intel® IoT RFP Ready Kit Solutions Playbook



[Click here to begin](#)

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Purpose

RFP Ready Kit Solutions Playbook Purpose



Purpose

- This is a self-service playbook for Intel® IoT RFP Ready Kits, designed to inform System Integrators of the available IoT solutions. This playbook offers a one-page overview of each solution along with links to additional materials to best equip System Integrators in the market.

If you have any questions regarding the solutions in this playbook, contact rfp.ready.kits@intel.com.



Instructions for use

- The Intel® RFP Ready Kits Solutions Playbook is designed for simple navigation:
 - Click the arrow below to start on the [RFP Ready Kit Overview page](#).
 - Next, you can access the latest version updates on the [Playbook Updates page](#).
 - From there, click the (🏠) button to access the [IoT RFP Ready Kit Home Page](#). Select a desired vertical by clicking its image. This selection gives you access to the individual IoT solution overviews under the vertical.
 - To go back and choose a different solution, click the vertical's image at the top of the page.
 - At any time, you can click the (🏠) button in the top right to navigate back to the IoT RFP Ready Kit Home Page.

Disclaimers

See what's new

Playbook Updates

Each month, the Intel® IoT RFP Ready Kit Solutions Playbook is updated to reflect the most accurate and current information available. Updates include new IoT solution overview pages as well as any updated information for existing solutions

Below are the latest solution updates



› New solutions

- [EXOR EDGE: eXware707AI & eX710AI](#)
- [XINESS K-Gate](#)

› Existing solutions

Purpose

Introduction

Respond Rapidly with Intel® IoT RFP Ready Kits

Intel® IoT Request for Proposal (RFP) Ready Kits combine Intel-powered, commercially hardened hardware, software, and support to solve specific customer needs. Intel® IoT RFP Ready Kits are purpose built to optimize IoT deployment.



Pre-Integrated and Proven

- **All-in-One** Hardware, Software, SDKs, APIs, Demos, and Instructions
- **1st phase Deployed and Proven** in a Customer Environment
- **Verified Availability, Distribution, Pricing, and Support**



Broadly Compatible

- **Customizable and Ultra-Compatible** APIs and Components
- **Potential for Expanded Integration** with Cloud Platforms and Value-Added Services



Offering Benefits for

- **Equipment and Tech Providers** (ISVs, ODMs, OEMs)
- **Cloud Service Providers** (CSPs like MS, AWS, GCP)
- **Solution Integrators** (Global or Regional)

[See what's new](#)

[Home page](#)

Choose Your Navigation Path

Explore three ways to view RFP Ready Kit Solutions in this playbook

See Kits by
Vertical

See Kits by
Use Case

See Kits Listed
Alphabetically

Solution Playbook pages are designed so users can quickly return to navigation slides. You are more likely to find similar solutions by exploring specific verticals and use cases.

By clicking “See solutions listed alphabetically,” you will be taken to the all up list of RRK Solutions sorted A-Z.

If at any point you want to return to this slide – you can click the (🏠) icon in the top-left corner of most slides.

Introduction

Intel® IoT RFP Ready Kit Verticals

Click the vertical to learn more about what solutions apply to it

Agriculture

Health & Life Sciences

Retail

Banking/FSI

Hospitality
(Hotels and Restaurants)

Transportation

Education

Manufacturing

Other

Energy

Government

Navigation Paths

Intel® IoT RFP Ready Kit Use Cases

Click the use case to learn more about what solutions apply to it

Asset & Operations
Optimization

Human Wellness
Monitoring

Product Inspection

Control Optimization &
Autonomy

Interactive Media

Situational Monitoring

Energy Monitoring &
Management

Logistics & Tracking

Other
(no kits currently)

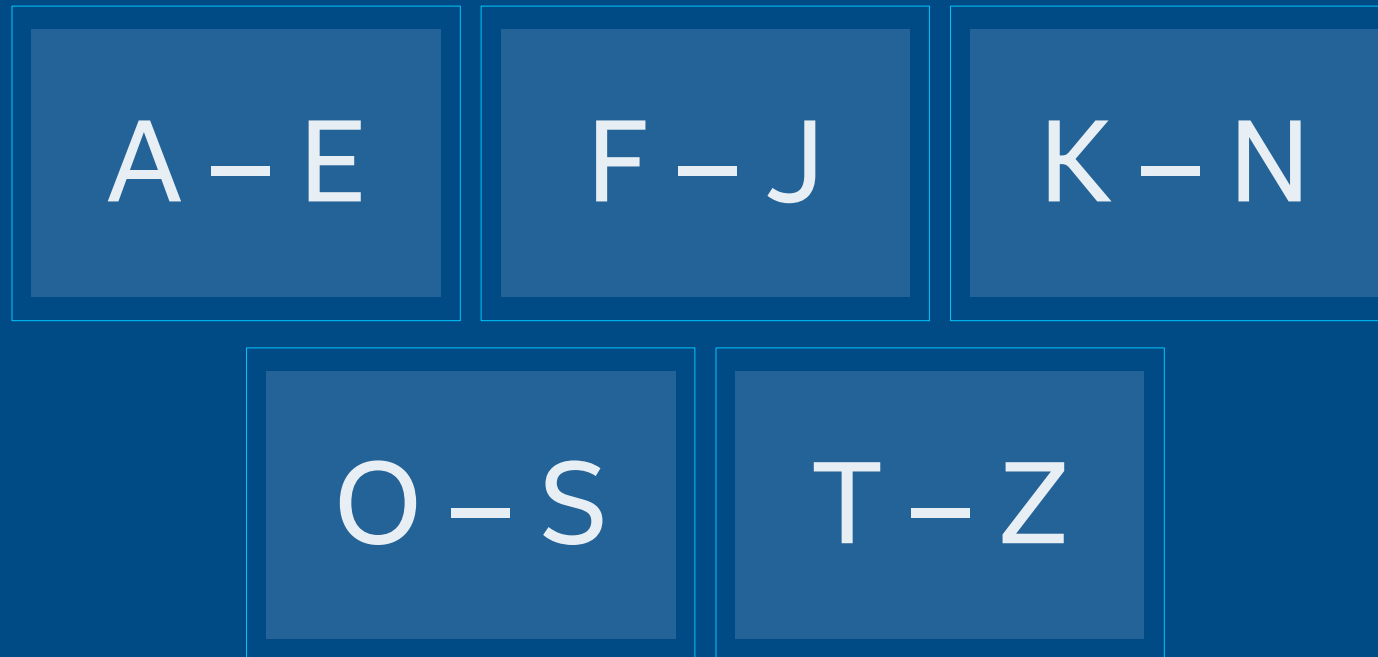
Environment Monitoring

Machine Condition
Monitoring

Navigation Paths

Click the Group to See Lists of Solutions Alphabetically

Solutions alphabetized by **company name** rather than solution name



Navigation Paths

Retail (1 of 2)

Click the solutions to learn more about them

[Back to all verticals](#)

[See more Retail](#)



Asset & Operations Optimization

- [AAEON Up Squared RoboMaker Developer Kit](#)
- [ADLINK Edge™ Smart Pallet](#)
- [AOPEN Solutions Smart Scale m-intelligence](#)
- [Avalue Renity Artemis High-Performance RTLS](#)
- [AxxonSoft Axxon Next Video Surveillance and Analytics Kit](#)
- [Blue Line Technology Retail Glance Safety and Security Kit](#)
- [byteLAKE Cognitive Services \(AI for Industry 4.0\)](#)
- [Congatec AG Realtime Workload Consolidation Starter Set](#)
- [Honeywell MAXPRO VMS and MAXPRO NVR](#)
- [meldCX Cloud Console](#)
- [meldCX Viana](#)
- [Reliant Edge Platform](#)
- [RFRain RFR-IMS-SMART](#)
- [Shekel Brainweigh Limited The Capsule](#)
- [Super Micro Edge Gateway Management Solution](#)
- [Super Micro Intelligent Retail Edge](#)
- [SkyLab Multi-Access Edge Computing \(MEC\)](#)
- [tinyGO AI Edge Module Kit](#)
- [Tukuoro Voice Platform Enablement Kit](#)
- [Vispera Shelvesight Retail Monitoring System](#)

Situational Monitoring

- [AAEON Car Share Driver Monitoring Edge Computer Kit](#)
- [AAEON Up Squared RoboMaker Developer Kit](#)
- [AAEON UP Xtreme Edge Compute Enabling Kit](#)
- [ADLINK Edge™ Smart Pallet](#)
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- [AxxonSoft Axxon Next Video Surveillance and Analytics Kit](#)
- [Blue Line Technology Retail Glance Safety and Security Kit](#)
- [BOE New Retail Vending Machine Suite](#)
- [ECS Elitegroup – AI Boost CCTV System](#)
- [Elitegroup Camera Integrity Check \(CIC\)](#)
- [Gorilla in-store analytics, Powered by BCDVideo](#)
- [Gorilla IVAR Analytics Appliance, Powered by BCDVideo \(Basic/Premium\)](#)
- [Honeywell MAXPRO VMS and MAXPRO NVR](#)
- [IOTECH open IoT Edge platform](#)
- [MEGH Computing Video Analytics Solution](#)
- [meldCX Viana](#)
- [ReadSense FX smart camera module](#)
- [Seneca xConnect Remote Management Platform](#)
- [UP Squared AI Vision Development Kit](#)
- [XINESS K-Gate](#)

Situational Monitoring (cont'd)

- [EverFocus Soter64 Server System for AIoT](#)
- [Elitegroup Temperature Measuring Camera System](#)
- [Intuiface: Entrance Flow Management](#)
- [SkyLab Multi-Access Edge Computing \(MEC\)](#)
- [tinyGO AI Edge Module Kit](#)
- [QNAP Systems Retail Pro](#)
- [UP AIM2 Retail Suite](#)
- [Yanzhi Ali LinkVisual Nbox](#)

Interactive Media

- [ADLINK Edge™ Smart Pallet](#)
- [Advantech Neurolabs Autonomous Checkout](#)
- [Agent Vi – innoVi AI at the Edge Kit](#)
- [ARBOR Retail & GOT Solution](#)
- [Avalue Interactive Digital Signage](#)
- [AxxonSoft Axxon Next Video Surveillance and Analytics Kit](#)
- [Blue Line Technology Retail Glance Safety and Security Kit](#)
- [ECS ACE+LIVA Q2-Content Management Solution](#)
- [JWIPC Smart Retail & Vending Kit](#)
- [Logitech Room Solution](#)
- [meldCX Viana](#)
- [Seneca and Navori Digital Signage Bundle](#)
- [SodaClick Voice - Hands Free Digital Signage](#)
- [Arrow Electronics Seneca XK-FLX with SpinetiX ARYA™](#)

Retail (2 of 2)

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Click the solutions to learn more about them

Control Optimization & Autonomy

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- [meldCX Viana](#)
- [Shekel Brainweigh Limited The Capsule](#)
- [SkyLab Multi-Access Edge Computing \(MEC\)](#)
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Logistics & Tracking

- [ARBOR Retail & GOT Solution](#)
- [ASUS Intelligent Edge Solution for Smart Retail](#)
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- [Avalue Renity Artemis High-Performance RTLS](#)
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- [ReadSense FX smart camera module](#)
- [Shuttle Computer Access Control to POS](#)
- [UP AIM2 Retail Suite](#)
- [Vispera Shelvesight Retail Monitoring System](#)
- [Volteo Inventory and Asset Management Via RFID](#)
- [QNAP Systems QuCPE IoT Solution](#)
- [RFRain RFR-IMS-SMART](#)
- [SmartAxiom Edge Blockchain IoT Security and Management](#)

Product Inspection

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- [DEEPSIGHT YODA-100](#)
- [MEGH Computing Video Analytics Solution](#)
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Machine Condition Monitoring

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Human Wellness Monitoring

- [Advantech Neurolabs Autonomous Checkout](#)
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Environment Monitoring

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- [Elitegroup Camera Integrity Check \(CIC\)](#)

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- [EverFocus Soter64 Server System for AIoT](#)
- [RFRain RFR-IMS-SMART](#)
- [Elitegroup Camera Integrity Check \(CIC\)](#)
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Energy Monitoring & Management

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Hospitality (Hotels/Restaurants)

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Education

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Energy

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- [Dell Utility Grid Modernization Kit](#)
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Other

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Human Wellness Monitoring

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Health & Life Sciences

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Click the solutions to learn more about them

Situational Monitoring

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- [AAEON UP Squared AI Vision Development Kit](#)
- [ADLINK AI-enabled Machine Vision Kit](#)
- [ADLINK Edge™ Smart Pallet](#)
- [ADLINK MCM-100](#)
- [ADLINK ROS2 autonomous mobile robot controller: ROScube](#)
- [ADLINK ROS 2.0 development platform](#)
- [ADLINK NeuronBot Rapid Robotic Development and Demo Kit](#)
- [ADLINK Smart Camera](#)
- [Advantech ARK-1551 + VEGA-330 Vision AI Ready Platform for Video Security and Public Safety](#)
- [Advantech Rapid Deploy of Telehealth Solution](#)
- [Advantech Intelligent Platform with Azure IoT Edge](#)
- [Advantech UTX-3117 with Alleantia I4.0 Plug & Play Solutions](#)
- [Agent Video Intelligence innoVi AI at the Edge Kit](#)
- [AOPEN Digital Safety Solutions](#)
- [AOPEN Solutions Smart Scale \(m-intelligence\)](#)
- [ARBOR Retail & GOT Solution](#)
- [ASUS Intelligent Edge Solution for Smart Retail](#)
- [ASUSTeK Computer Inc – AI Machine Vision AOI](#)
- [Atlas RFID Store Intel RSP H3000 Integrated RFID reader development kit](#)
- [Avalue Interactive Digital Signage](#)
- [Avalue Interactive Smart Shelf](#)
- [Avalue Medix Care Solution](#)
- [Avalue Renity Artemis High-Performance RTLS](#)

A (cont.)

- [Axiomtek AMS Starter Kit with Modbus for Environmental Signal Monitoring](#)
- [Axiomtek Solar Energy Gateway Solution](#)
- [AxxonSoft Axxon Next Video Surveillance and Analytics Kit](#)

B

- [Blue Line Technology Retail Glance Safety and Security Kit](#)
- [Blutech Machinelink IIoT Solution](#)
- [BOE New Retail Vending Machine Suite](#)

C

- [Congatec AG Realtime Workload Consolidation Starter Set](#)

D

- [Daschip Infrared Temperature Measuring Module](#)
- [DEEPSIGHT YODA-100](#)

E

- [ECS ACE+LIVA Q2-Content Management ECS Smart Classroom](#)
- [ECS Elitegroup – AI Boost CCTV System](#)
- [Elitegroup Camera Integrity Check \(CIC\)](#)
- [Exor Multi Protocol IIoT Gateway with Cloud Connectivity](#)
- [EXOR EDGE: eXware707AI & eX710AI](#)
- [Eyecloud Inc. OpenNCC Programmable Vision AI Kit](#)

Solutions From F-J

[Back to all full alphabet](#)



Click the solutions to learn more about them

F

- [FranPOS](#)
- [Future Robot Tech's Smart Camera RVS-2100](#)

G

- [Gorilla IVAR Analytics Appliance, Powered by BCDVideo \(Basic/Premium\)](#)
- [Gorilla in-store analytics, Powered by BCDVideo](#)
- [GPC Systems Freight, Highways, & WoundCare Measure](#)

H

- [Honeywell MAXPRO VMS and MAXPRO NVR](#)

I

- [IBASE AI Education Platform](#)
- [IEI TANK AIoT Development Kit](#)
- [IOTECH open IoT Edge platform](#)
- [IP3 Intelligent Technology Smart Energy IoT Kit](#)
- [IP3 Smart Lighting](#)
- [IPG Gearbox](#)

J

- [JWIPC AI Ready Vision kit for Smart Manufacturing](#)
- [JWIPC Smart Retail & Vending Kit](#)

Solutions From K-N

[Back to all full alphabet](#)



Click the solutions to learn more about them

K

- [Kalkitech LV Substation](#)
- [Kontron LoRa connected Devices](#)
- [Kontron TSN Real Time ETH Switch Solution](#)

L

- [Lanner SilosBreaker Edge Security Kit](#)
- [LIPs Path Planning \(for Automated Plasma Spray System\)](#)
- [Logitech Room Solution](#)

M

- [Macnica Intelligent Stereo Camera Kit](#)
- [Macnica SENSPIDER](#)
- [MEGH Computing Video Analytics Solution](#)
- [meldCX Cloud Console](#)
- [meldCX Viana](#)
- [Mivatek Care Solution](#)
- [Moxa Oil & Gas Drilling Monitoring solution](#)

N

- [Nexcom MiniBOT Educational Robot Kit](#)

Solutions From O-S

[Back to all full alphabet](#)



Click the solutions to learn more about them

O

- [Okaya 3D LiDAR Evaluation Starter Kit](#)
- [Okaya Impulse VI Ready Kit](#)
- [Olea Kiosks Inc. Detroit Drive Thru Self-Order Kiosk](#)

P

- [Panasonic KAIROS Live Video Processing Platform](#)
- [Perobot 5G Converged Access Edge Solution](#)
- [Plat'Home Open Blocks VX2](#)

R

- [ReadSense FX smart camera module](#)
- [Reliant Edge Platform](#)
- [RFRain RFR-IMS-SMART](#)
- [Roseek Industrial Machine Vision Smart Camera Development Kit](#)
- [Roseek Intelligent Transportation System Smart Camera Development Kit](#)
- [Roseek Smart Camera](#)

S

- [Seneca and Navori Digital Signage Bundle](#)
- [Seneca Panopto Certified Video Capture](#)
- [Shekel Brainweigh Limited The Capsule](#)
- [Shuttle Computer Access Control to POS](#)
- [SkyLab Multi-Access Edge Computing \(MEC\)](#)
- [SkyLab Transport Accelerator \(STA\)](#)
- [SmartAxiom Edge Blockchain IoT Security and Management](#)
- [Softdel Systems Edifice Edge Platform](#)
- [Super Micro Edge Gateway Management Solution](#)
- [SYSTECH IntelliTrac S1](#)

Solutions From T-Z

[Back to all full alphabet](#)



Click the solutions to learn more about them

T

- [tinyGO AI Edge Module Kit](#)
- [Tukuoro Voice Platform Enablement Kit](#)

U

- [UP Aim2Retail Suite](#)
- [UP IQRF IoT Starter Kit](#)
- [UP Squared AI Vision Development Kit](#)

V

- [Vecow Smart Factory Solution \(SFS\)](#)
- [viso.ai Accident Avoidance Kit for Delivery Logistics](#)
- [Vehant TrafficMon® \(Traffic Monitoring Solution\)](#)
- [Volteo Inventory and Asset Management Via RFI](#)

X

- [Xvisio vSLAM Edge Computing Solution for AR Glasses and Robotics](#)

Y

- [Yanzhi Ali LinkVisual Nbox](#)

Z

(No solutions currently start with Z)



Kit Overview

FranPOS is a cloud Point of Sale platform designed for franchise and multi-site operations to help increase unit economics and sync data in real time.

- Unified POS technology platform
- Master sales reports for all locations

Value Prop

- Promotes customer loyalty by maintaining an up-to-date database to help streamline marketing & customer promotions
- Enables easy inventory management, providing access to real-time sales data allowing for actionable decisions on purchase orders

Geo & Purchase Contacts

Availability: Americas

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

MKissling@Franpos.com

Relevant Verticals

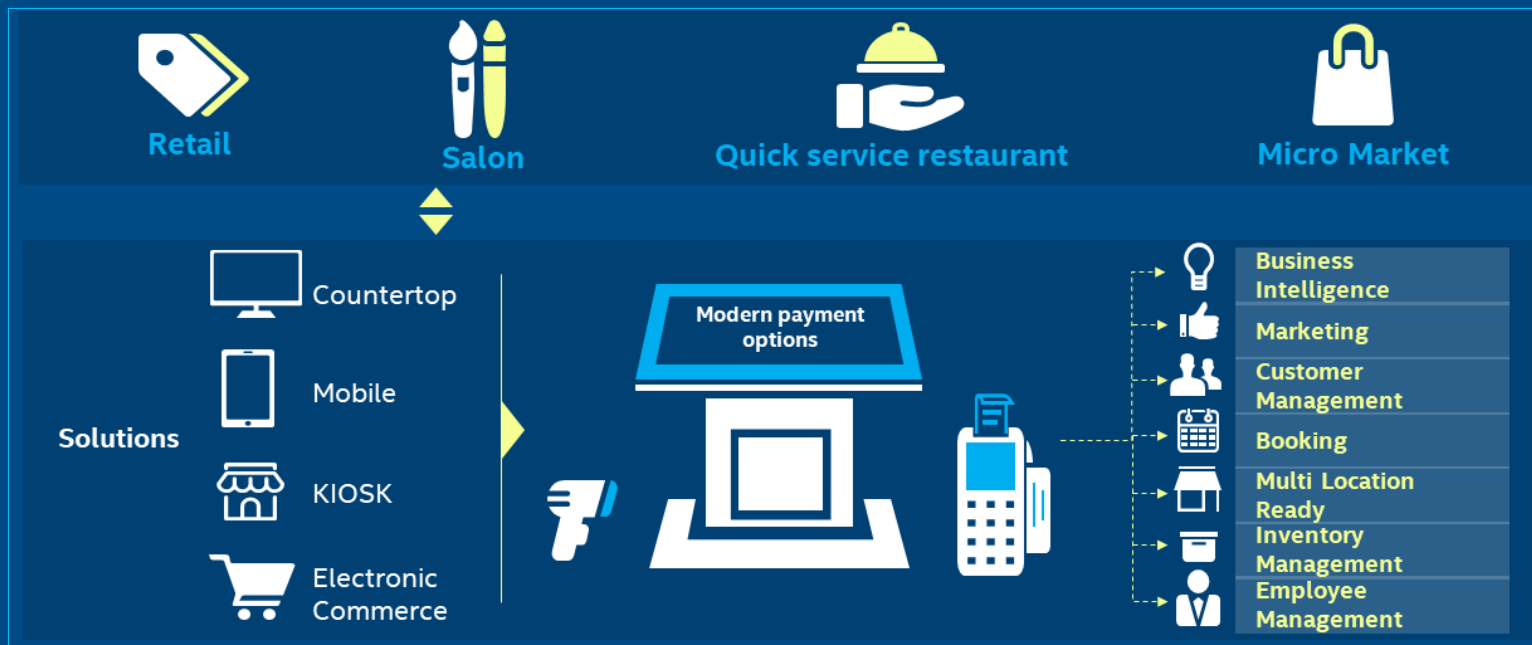
(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking



Kit Components

Intel Components

- Intel® Atom™ processor Z3700

Operating System

- Android

Resources

FranPOS kits are described at: [FranPos Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [Order here today!](#)

Plat'Home Open Blocks VX2



Kit Overview

An IoT gateway device and edge node computer able to mediate between various sensors and host networks

- Multi-cloud support
- Flexible and fast connectivity
- Beacon and sensor node communication support
- Open-source OS

Value Prop

- Enables user function across all IoT devices, sensors, and gateway, reducing installation cost and time
- Supports data communication to cloud services across all IoT systems to help improve operational efficiency

Geo & Purchase Contacts

Availability: Japan

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

Sales:

sales@plathome.com

Technical:

timo@plathome.co.jp

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Energy Monitoring & Management

Human Wellness Monitoring

Kit Components

Intel Components

- Intel Atom® processor 500MHz (dual-core)

Plat'Home Hardware

- OpenBlocks IoT VX2

Operating System

- Debian GNU/Linux

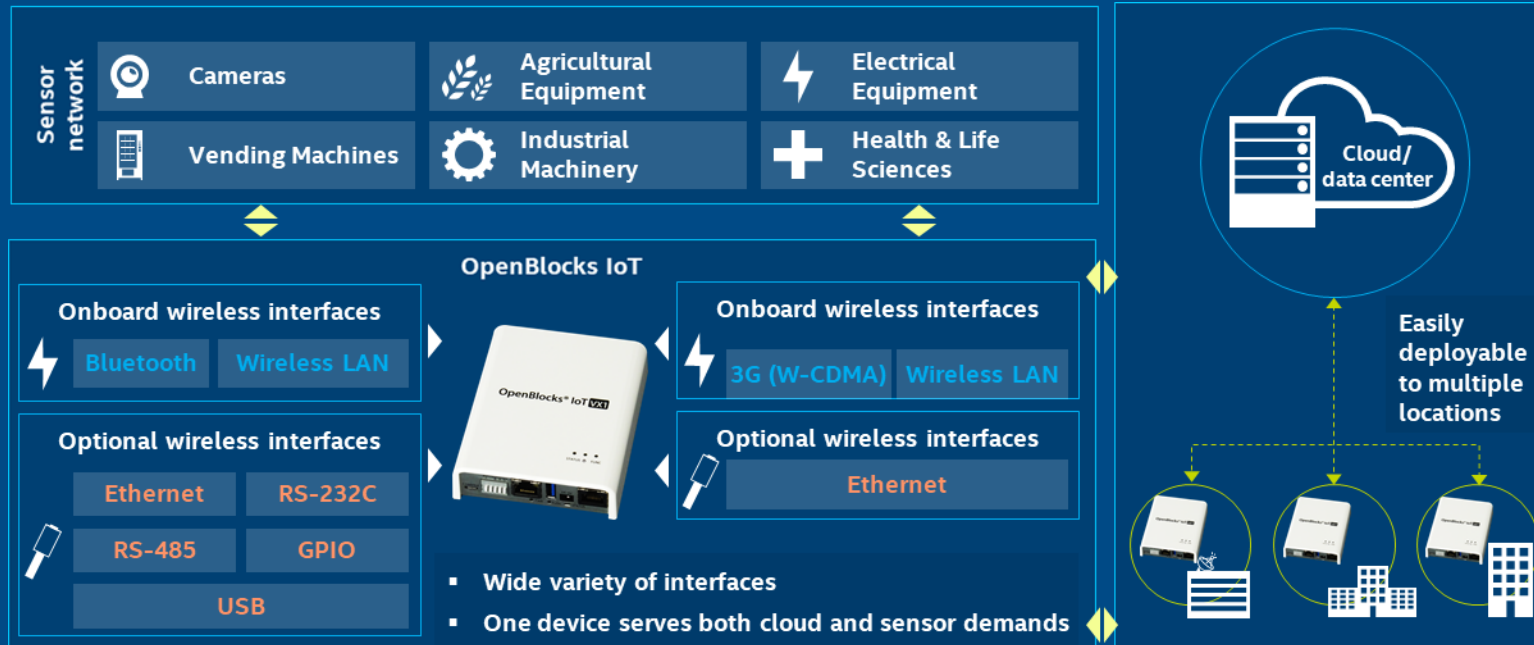
Resources

Plat'Home kits are described at: [Plat'Home Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [User Guide](#)
- [Configuration Guide](#)
- [ORDER HERE today!](#)



KONTRON LoRa Connected Devices



Kit Overview

A wireless technology allowing easy installation of multiple new connected devices, driving to lower cost of ownership, and better customer experience

- Asset management for fleets of vehicles, trains, and more
- Monitoring of large operation sites in harsh outdoor environments

Value Prop

- Drives lower cost of ownership by solving complex logistic services in the field of asset management and energy conservation
- Allows for better customer experience through consistent passenger updates and security improvements

Geo & Purchase Contacts

Availability: Americas
Asia/Pacific/Japan
Australia/New Zealand
Europe

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

harvey.berman@kontron.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Machine Condition
Monitoring

Asset & Operations
Optimization

Situational
Monitoring

Logistics & Tracking

Kit Components

Intel Components

- WG1210IT Ethernet NIC,
Intel Atom® E3845 CPU

KONTRON Components

- TRACe LoRa MQTT

Operating System

- Linux

Resources

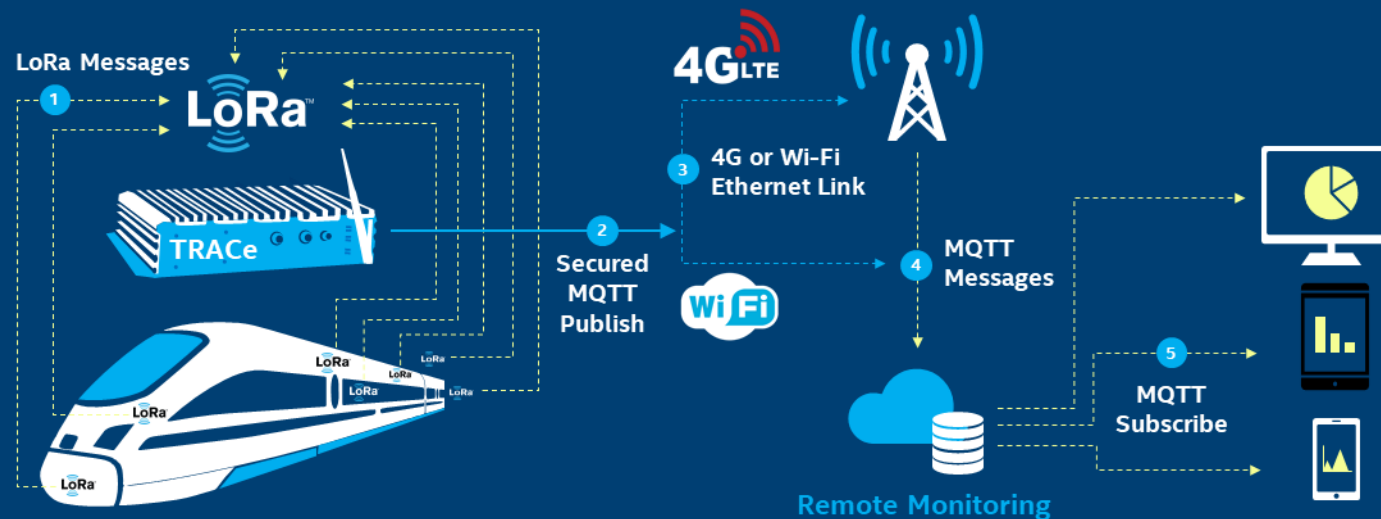
KONTRON kits are described at: [KONTRON Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [ORDER here today](#)

Typical Application



ADLINK Smart Camera



Kit Overview

A ready-to-go smart camera used to reduce the complexity in machine vision applications alignment, product line inspection, detection, and recognition

- Easy-to-use machine vision software MERLIC

Value Prop

- Reduces cost by executing all inspection and gauging tasks in a high-performance all-in-one solution
- Helps shorten development time for system integrators with built-in advanced image processing

Geo & Purchase Contacts

Availability: EMEA; Southeast Asia; APJ; PRC; Australia/NewZealand; United States

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

connie.hsiao@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Product Inspection

Machine Condition Monitoring

Kit Components

Intel Component

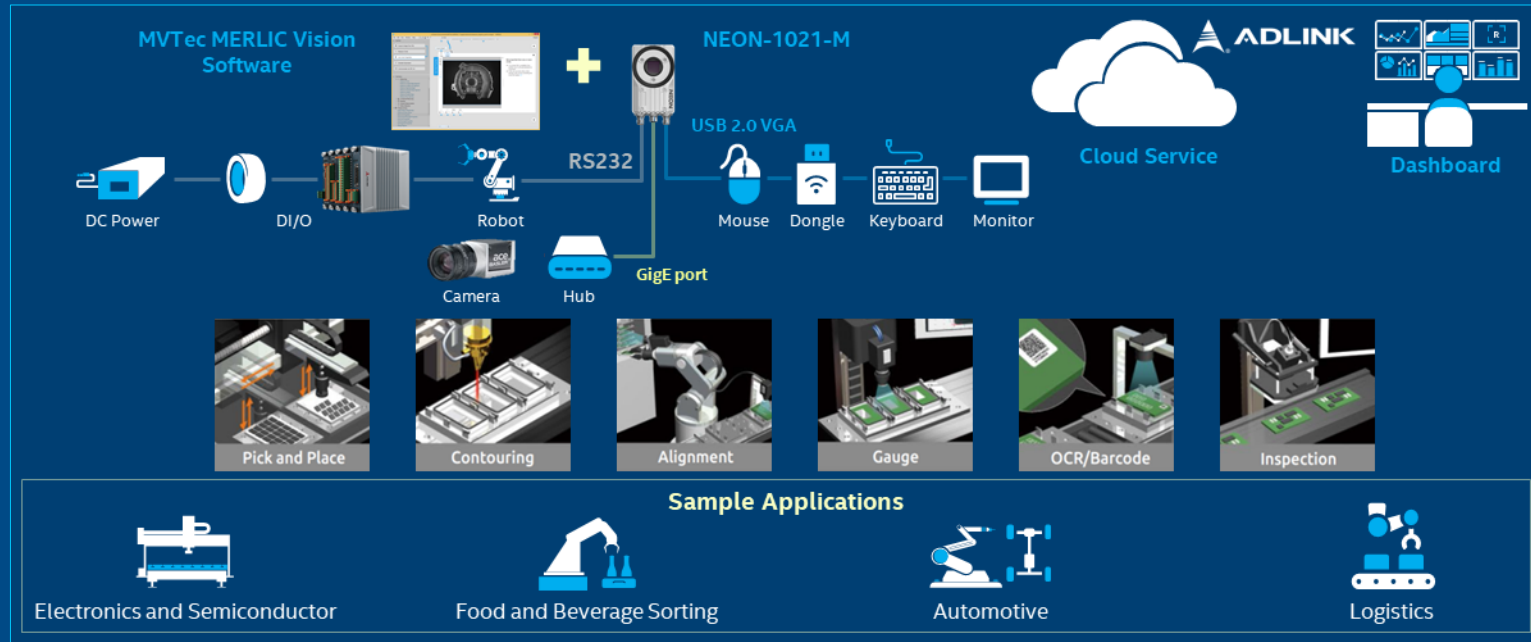
- Intel Atom® E3845 processor quad core

Operating System

- Windows Embedded Standard 7

Cloud Service Provider

- Microsoft Azure



Resources

ADLINK kits are described at: [ADLINK Website](#)
To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [ORDER here today](#)

ADLINK MCM-100



Kit Overview

A machine condition monitoring edge platform ideally suited for data acquisition and vibration measurement applications. Delivering 24-hour vibration monitoring for rotating machinery and equipment:

- Smooth interconnection
- Automatic event alarm notices

Value Prop

- Helps sustain efficient performance
- Assists in forecasting of potential problems in order to implement preventative measures
- Helps conduct equipment maintenance or replacement

Geo & Purchase Contacts

Availability: EMEA; Southeast Asia; APJ; PRC; Australia/New Zealand
Intel contact:
rfp.ready.kits@intel.com
Partner contact:
ireneyy.chang@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Machine Condition Monitoring

Asset & Operations Optimization

Kit Components

Intel Component

- Intel Atom® x7-E3950 processor

Cloud Service Provider

- Microsoft Azure

Operating System

- Windows 10 IoT Enterprise/ Windows 10 IoT Core, Ubuntu Linux

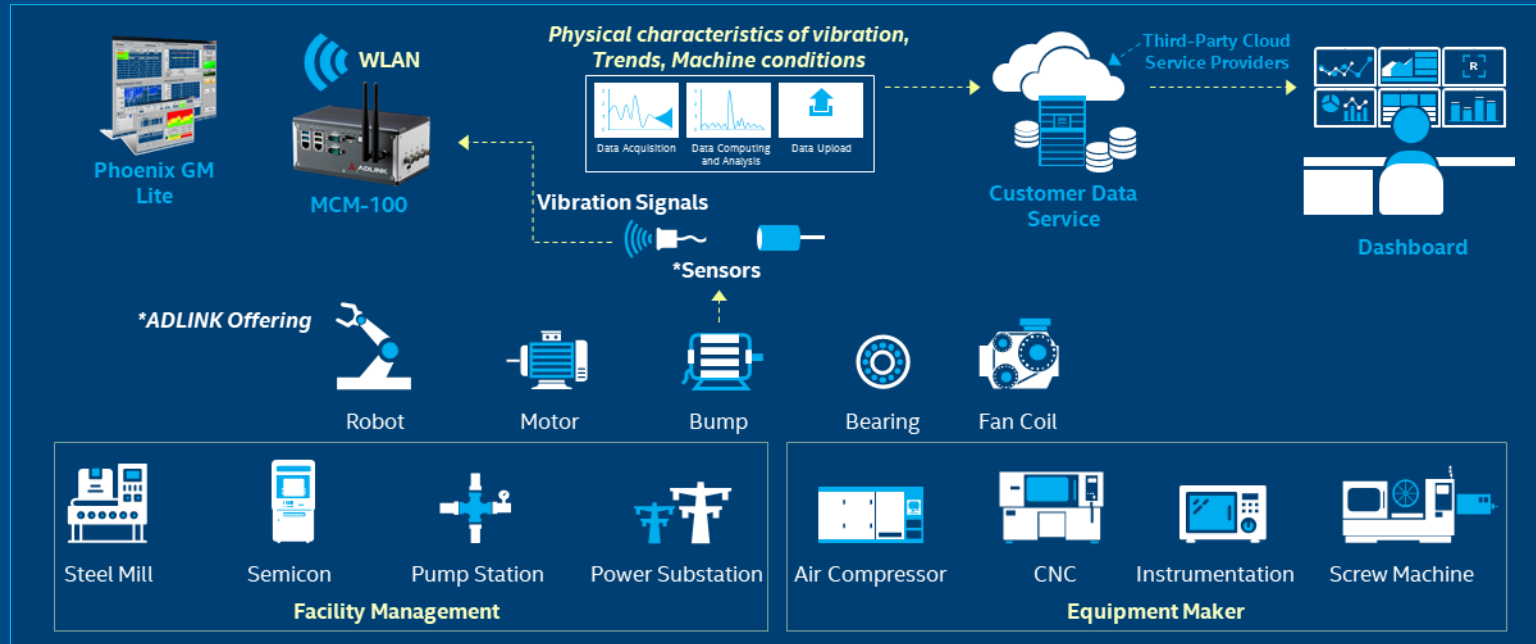
Resources

ADLINK kits are described at: [ADLINK Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [ORDER here today](#)



IEI TANK-870 AIoT Development Kit



Kit Overview

- Pre-configured, embedded computer platform designed to increase the productivity of computer vision solutions and interface systems for AI.
- Flexibility for hardware expansion
 - Dual independent display for high-resolution support

Value Prop

- Ensure optimal performance to analyze multiple HD video streams and large amounts of sensor data
- Help eliminate challenges in determining package dependencies with preloaded tools for deployment for each operating system stack

Geo & Purchase Contacts

Availability: Europe; Americas; Southeast Asia; APJ; PRC; Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
tankaiot@ieiworld.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Education

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Asset & Operations Optimization

Kit Components

Intel Components

- Intel® Core™, Celeron®, and Xeon™ Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Media SDK
- Intel® System Studio

computer

preinstalled software

- IEI Tank 870-Q170 system
- Arduino Create Connector

Cloud Service Provider

- Amazon Web Services
- Google Cloud Platform
- Microsoft Azure

IEI Hardware

- Tank-870 AI
- IPCIE single board

Operating System

- Ubuntu

Resources

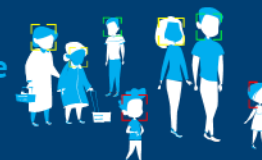
IEI kits are described at:
[IEI Website](#)
To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information see:

- [Datasheet](#)
- [User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

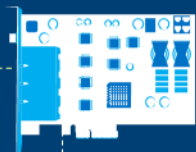


Numerous Face Analyses

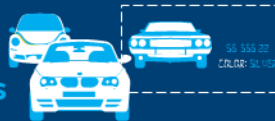


IP Camera

IPCIE-4POE



Numerous Car Plates analyses



IPMI 2.0 Compliant



Fanless



Dual Display



PCI/PCIe Expansion



DDR42133

Machine Vision



Avalue Interactive Digital Signage



Kit Overview

Intelligent digital signage solution harnessing real-time data insights to identify demographic and display relevant, interactive, and personalized ads

- Smart signage with facial recognition
- Reliable statistics and market feedback data

Value Prop

- Helps to enhance the shopping experience and encourage purchasing with facial recognition for personalized ads and promotional information
- Promotes strategic marketing improvements through the collection of customer statistics

Geo & Purchase Contacts

Availability: Global

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

Jason_liu@avalue.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Logistics & Tracking

Kit Components

Intel Components

- Intel® Celeron® processor

Cloud Service Provider

- Microsoft Azure

Avalue Hardware

- Avalue EPC-BYT2 J1900 Fanless Tiny System

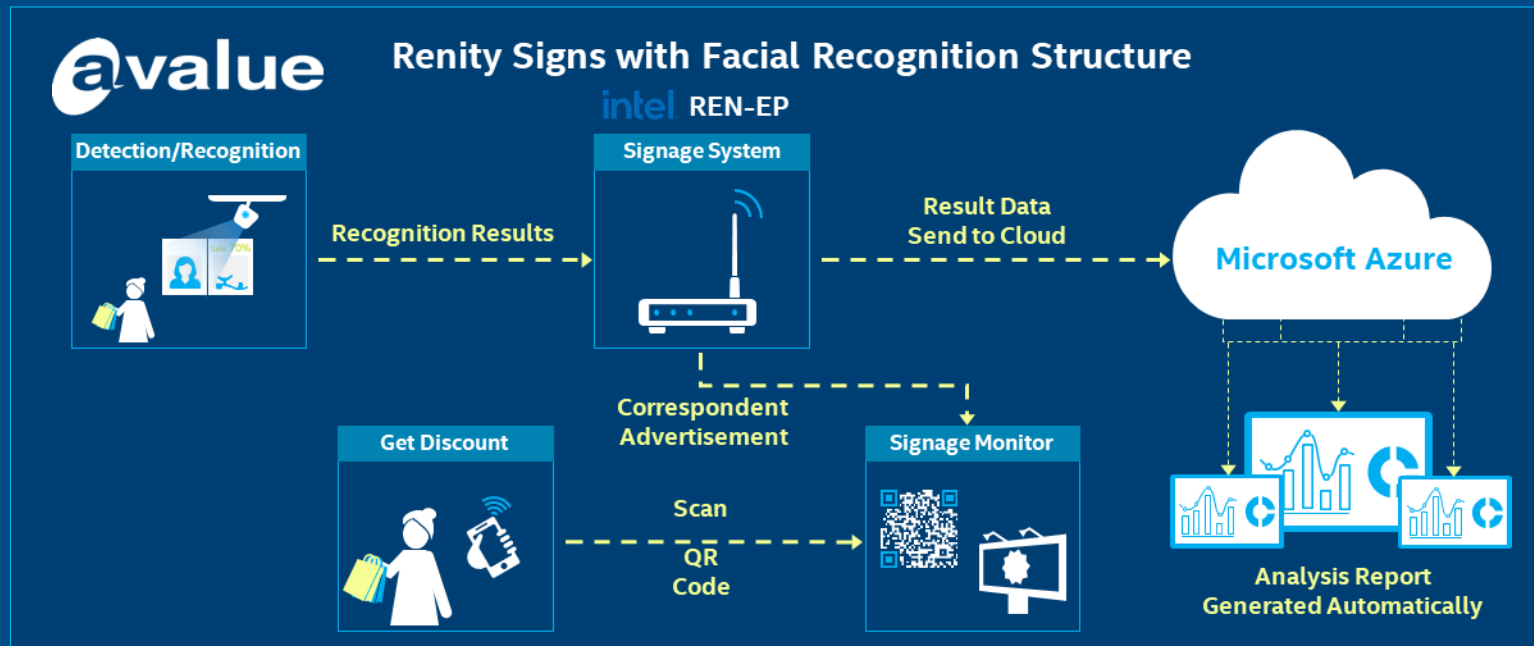
Resources

Avalue kits are described at: [Avalue Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [ORDER here today](#)



Roseek Intelligent Transportation System Smart Camera Development Kit



Kit Overview

- A reliable and high-performing smart camera solution that includes a programmable machine vision, imaging platform
- Face recognition and traffic vision
 - Industrial MV with HALCON or OpenCV
 - Support for Linux, Microsoft Windows, and ONVIF

Value Prop

- Maximize value with an open and easy-to-develop platform for support of third-party software while maintaining low costs
- Elevate performance powerful computing capacity and real-time image processing of uncompressed images

Geo & Purchase Contacts

Availability: Global

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

yuzhong.wang@roseek.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel Components

- Intel Atom® E3845 processor

Roseek Hardware

- Global Shutter CCD/CMOS
- HD H.264 video streaming

Operating System

- 64-bit Windows 10 IoT Enterprise,
- Linux
- Ubuntu

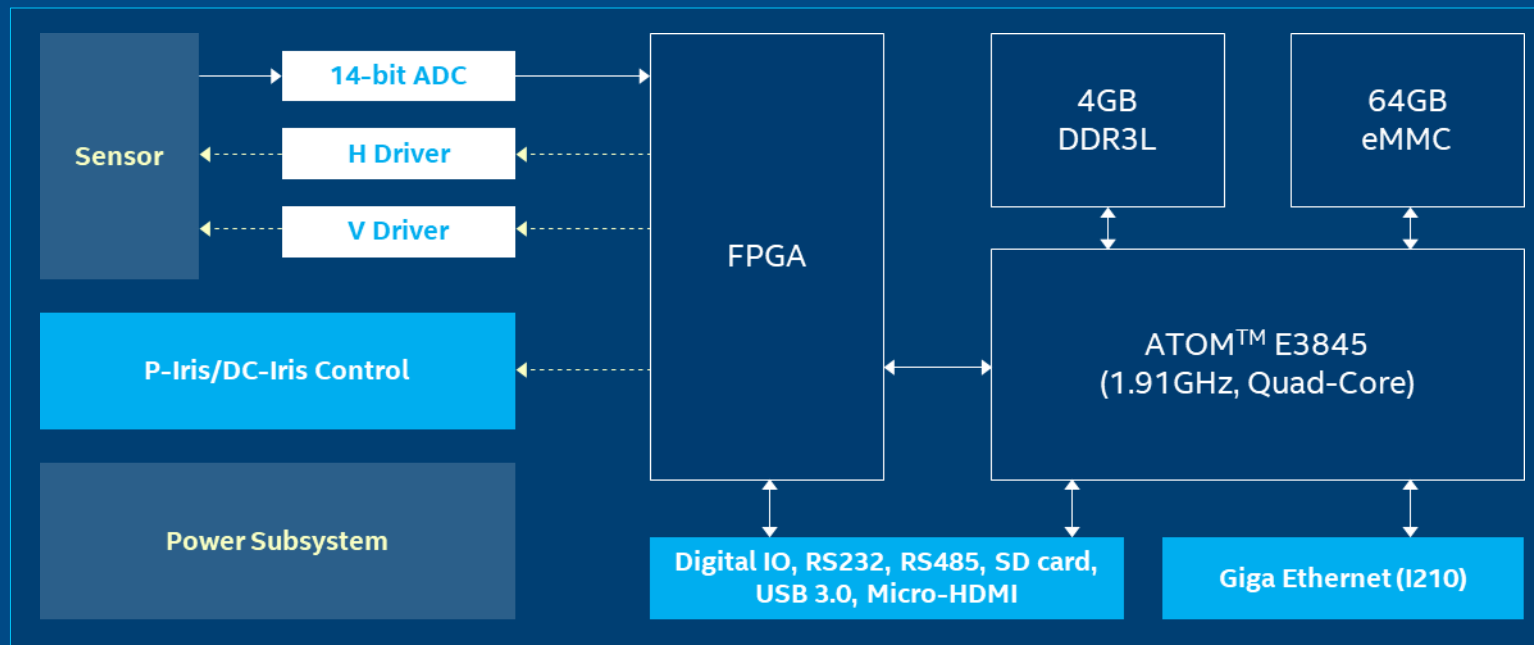
Resources

Roseek kits are described at: [Roseek Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



Roseek Industrial Machine Vision Smart Camera Development Kit



Kit Overview

A reliable smart camera solution that includes image acquisition, processing, and system communication

- Essential functions included
- Reliable system stability—a wide working temperature range with a low failure rate
- Support for Linux and Microsoft Windows

Value Prop

- Maximize value with an open and easy-to-develop platform for support of third-party software while maintaining low costs
- Elevate performance powerful computing capacity and real-time image processing of uncompressed images

Geo & Purchase Contacts

Availability: Global

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

yuzhong.wang@roseek.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Logistics & Tracking

Kit Components

Intel Components

- Intel Atom® E3845 processor

Roseek Hardware

- 0.3–12 MP CCD/CMOS image sensor
- HDMI DisplayPort, two

constant current LED drivers

Operating System

- 64-bit Windows 10 IoT Enterprise
- Linux
- Ubuntu

Resources

Roseek kits are described at:

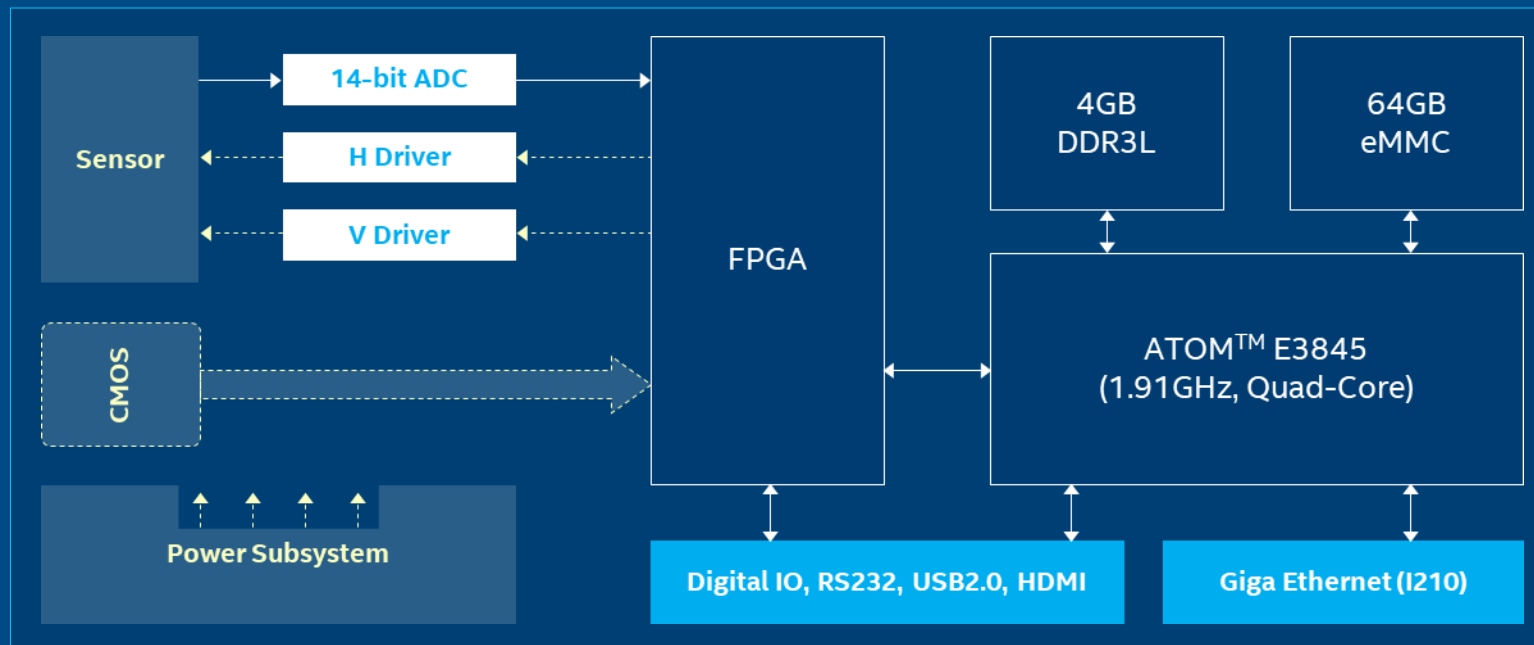
[Roseek Website](#)

To learn about Intel IoT kits visit:

[Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



ARBOR Retail & GOT Solution



Kit Overview

A Graphic Order Terminal (GOT) offering versatile and reliable data capture capabilities for warehouse, logistics, and retail operators to streamline workflow.

- Android and Windows-based
- Node-Watch Unified Cloud service
- Multifunction, ergonomic tablet dock

Value Prop

- Reduce complexity of device integration with I/O connections for application expansion and a unified cloud management solution
- Enhance efficiency of POS systems with flexible and versatile card reading and barcode scanning capabilities

Geo & Purchase Contacts

Availability: Global

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

andrew.hsiao@arbor.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Machine Condition Monitoring

Logistics & Tracking



Warehousing



Logistics & Distribution



Retail

Kit Components

Intel Components

- Intel Atom® x5-Z8350 processor 64-bit
- Intel® HD Graphic Chipset

ARBOR Hardware

- Cameras—2.0 MP and 8.0 MP

- Sensors—Gyroscope, eCompass, light sensor
- Barcode scanner—1D/2D scanner with physical trigger buttons

Operating System

- Windows 10, Android 5.x.

Resources

ARBOR kits are described at: [ARBOR Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



Gladius G0830



Multi-purpose tablet dock with optional accessories



Wi-Fi



Bluetooth



Barcode



QR Code



RFID



MSR



Camera



Battery



IP 54



NFC

Gladius G0830 Capabilities



BOE New Retail Vending Machine Suite



Kit Overview

An intelligent retail vending machine kit with transparent display window system and functions such as integrated face recognition, user interaction, and advertisement distribution.

- Cloud BOE server
- ADSDS panel
- Multitouch touchscreen

Value Prop

- Simplify system management with private cloud storage and access to system and customer data through multiple devices
- Enhance the customer experience with interactive touch screen and personalized product information based on real-time data

Geo & Purchase Contacts

Availability: Global

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

zhaihongxiang@boe.com.cn

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel Components

- Intel Atom® Z8350

Cloud Service Provider

- Independent BOE cloud server

Operating System

- Android

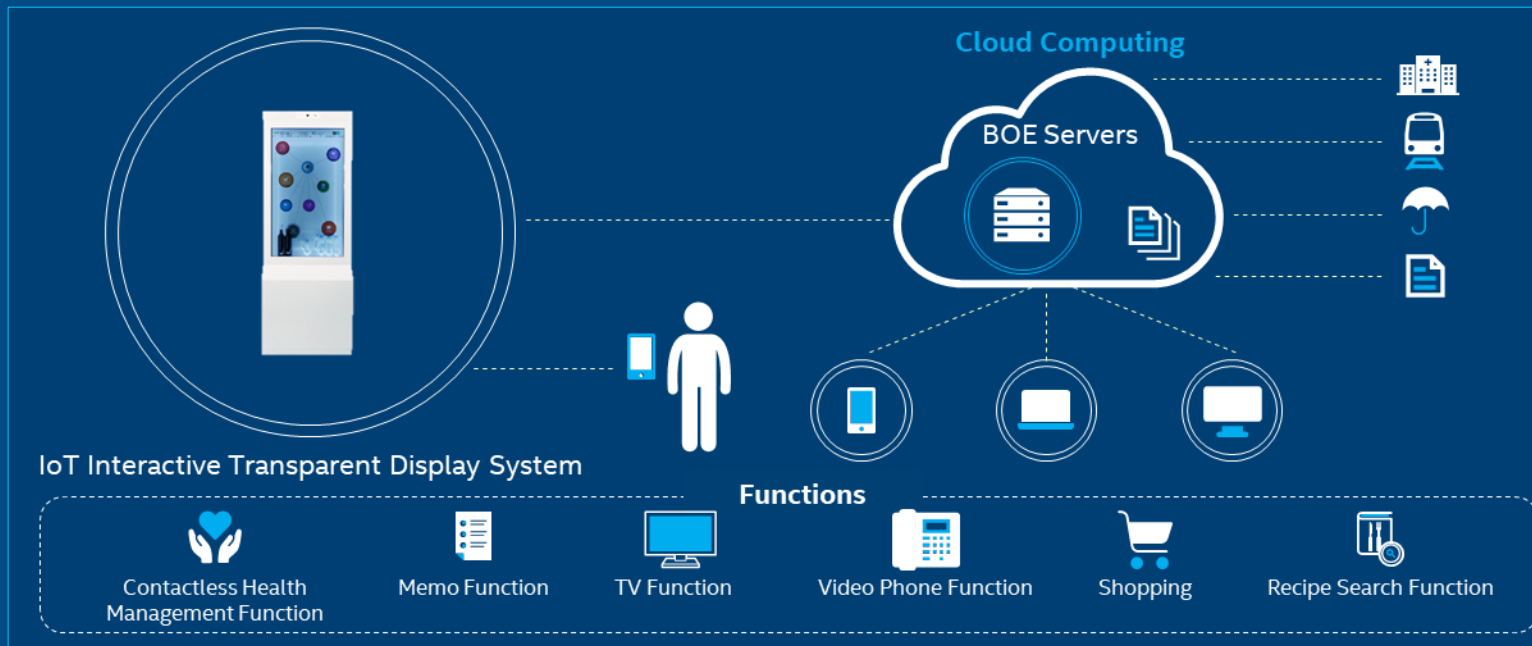
Resources

BOE kits are described at: [BOE Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [PRC ORDER here](#)
- [Global ORDER here](#)



Seneca and Navori Digital Signage Bundle



Kit Overview

A flexible digital signage bundle including purpose-built media players, rich content Management Software and template driven designing tools.

- Multi-OS, multi-user software: QL Professional
- Optional fanless chassis

Value Prop

- Enhance customer experience with personalized content and targeted messaging at the point of decision, to increase sales and elevate your brand
- Make fast, informed business decisions with access to cloud-based data on a simple CMS and multi-user software platform

Geo & Purchase Contacts

Availability: Global

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

Scott.Falso@Arrow.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Kit Components

Intel Components

- Kit bundle 1: Intel® Celeron® N3060
- Kit bundle 2: Intel® Core™ i3-5010U
- Kit bundle 3: Intel® Core™ i5-5300U

Navari Hardware

- Seneca XK-FLX, HDN, or Fanless HDN

Cloud Service Provider

- Microsoft Azure

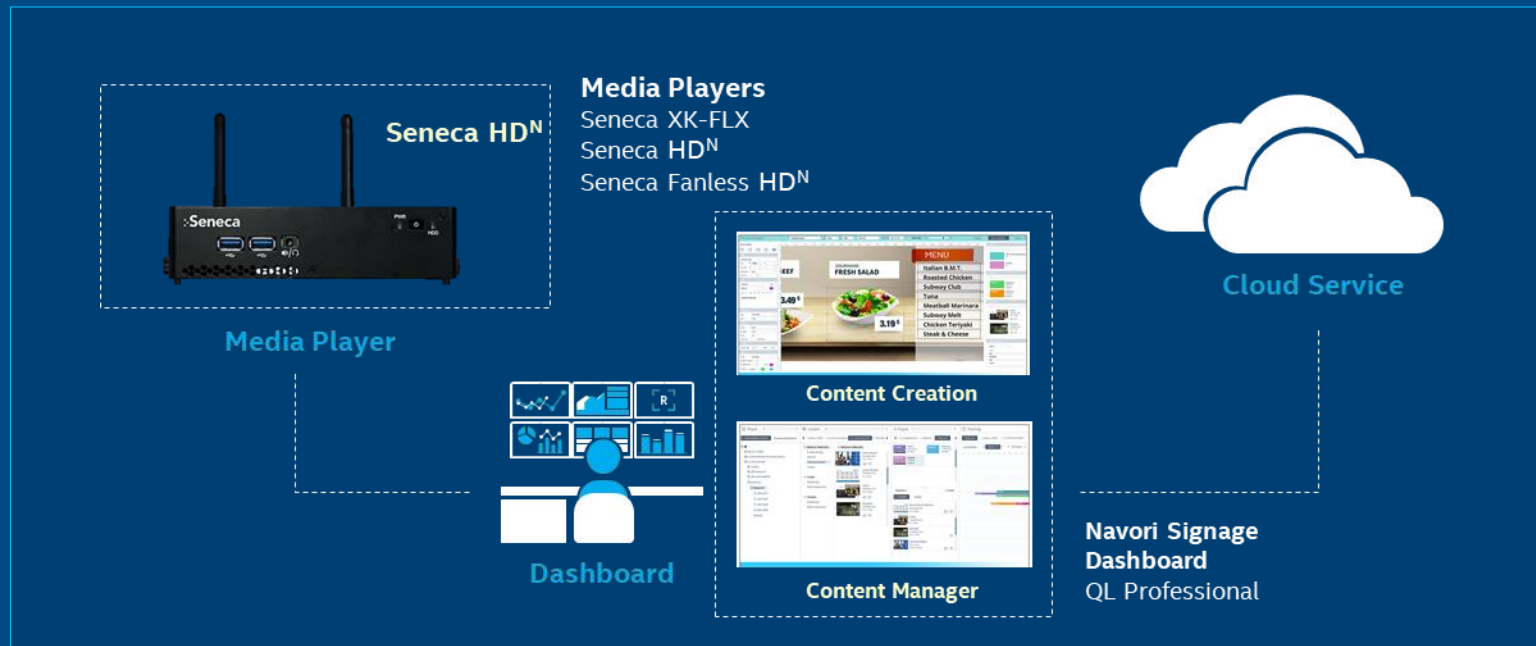
Resources

Navari kits are described at: [Navari Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Kit Introduction](#)
- [Configuration Guide](#)
- [ORDER here today](#)



UP IQRF IoT Starter Kit



Kit Overview

- Easy to deploy starter kit geared towards gateway solution creation and development, complete with an environmental sensor, relay, and IQRF repeater
- Tested for Linux operating system
 - Extensibility with interoperable IQRF wireless mesh connectivity

Value Prop

- Enhance power and efficiency of gateway performance without high energy consumption for use in a variety of use cases
- Monitor and control devices remotely and reliably with interoperable wireless mesh connectivity

Geo & Purchase Contacts

- Availability:** Europe, Israel, USA, India
- Intel contact:**
rfp.ready.kits@intel.com
- Partner contact:**
- alingwu@aaeon.eu
 - alliance@iqrf.org

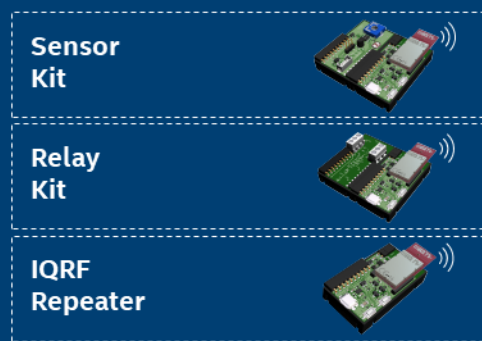
Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



AWS IoT, Microsoft Azure, IBM Cloud



Service PC running IQRF IDE

Later you can add:



IQRF Sensors & Actuators from IQRF Alliance members Alliance

Kit Components

Intel Components

- Intel Atom® x5-Z8350 processor 64-bit

IQRF Hardware

- DS-IOT-01 with IQRF set for wireless connectivity including Sensor kit

(DDC-SE-01) and Relay Kit (DDC-RE-01)

- UP board 2GB + 32 GB eMMC memory

Cloud Service Provider

- Amazon Web Services, Microsoft, IBM Cloud

Resources

IQRF kits are described at:

- [IQRF website](#)
- [IQRF Alliance](#)
- [Up Board website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Kit Introduction](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

Axiomtek Solar Energy Gateway Solution



Kit Overview

A solar energy gateway kit that can securely utilize sensors and meters, deploying digital controls and analytics for better monitoring and management of energy and information.

- Low-power ICO300 Gateway
- Visual dashboard for users
- Centralized management
- Data storage at the cloud

Value Prop

- Reduce labor and inspection cost with remote data monitoring and analysis to observe on-site situations from anywhere
- Shorten time-to-response in the case of abnormal events, with all year-round (24/7) monitoring and alarm system

Geo & Purchase Contacts

Availability: Europe, Americas, APJ

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

candice@axiomtek.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

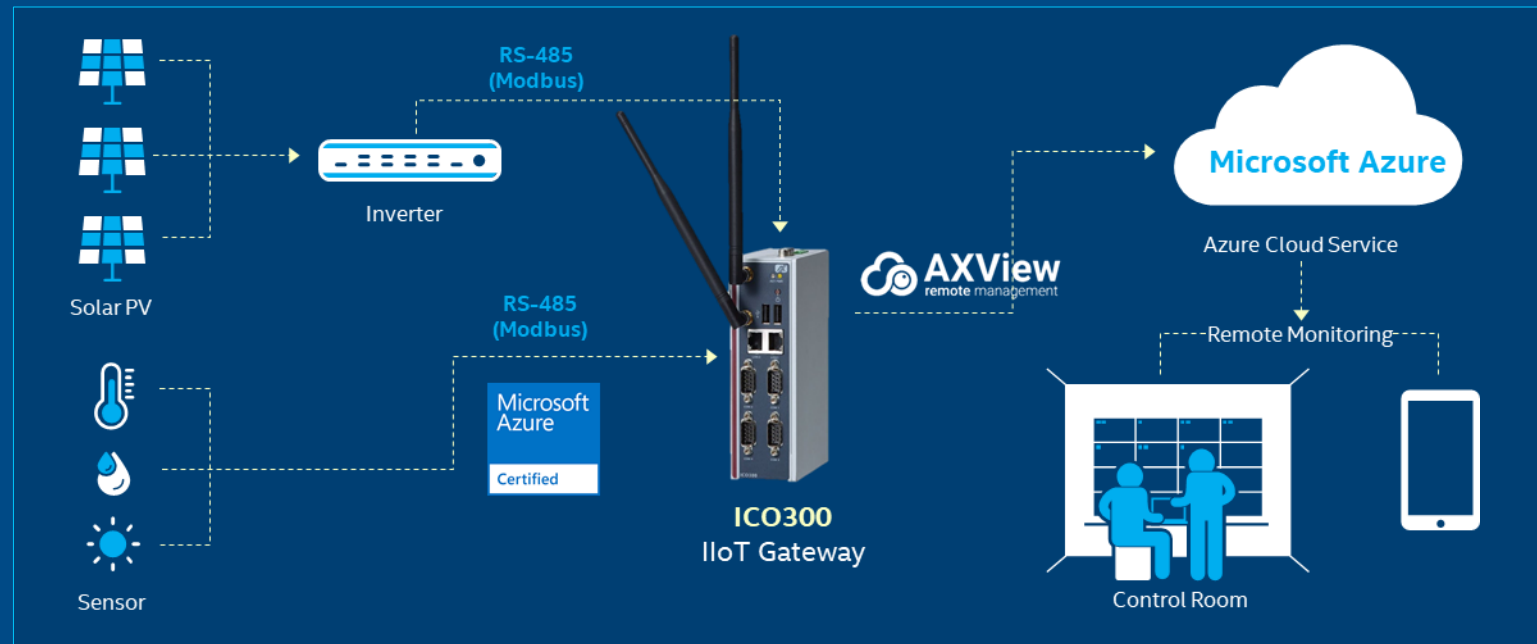
Energy

Relevant Use Cases

(click to see full list of kits for each use case)

Energy Monitoring & Management

Machine Condition Monitoring



Kit Components

Intel Components

- Intel Atom® processor E3815

Axiomtek Hardware

- 12 ~ 24 VDC wide range power input

- 2 isolate 10/100/1000 Mbps Ethernet ports

Cloud Service Provider

- Microsoft Azure

Operating System

- Windows 7 or above

Resources

Axiomtek kits are described at: [Axiomtek Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit:

- [AXView Solar datasheet](#)
- [ICO300 datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

Moxa Oil & Gas Drilling Monitoring Solution



Kit Overview

A computing platform providing users with a powerful solution for high-speed serial communication, network redundancy, and dual storage.

- Access intelligent gateway acquisition and management with ThingsPro software
- Manage your assets anywhere, anytime

Value Prop

- Reduce cost with Moxa's Proactive Monitoring and Smart Recovery software tools to take predictive maintenance measures for maximum system uptime
- Enhance versatility with a power efficient automation computer that offers an array of communication interfaces for diverse industrial applications

Geo & Purchase Contacts

Availability: EMEA, Americas, Southeast Asia, APJ, Australia/New Zealand

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

taita.chou@moxa.com

Relevant Verticals

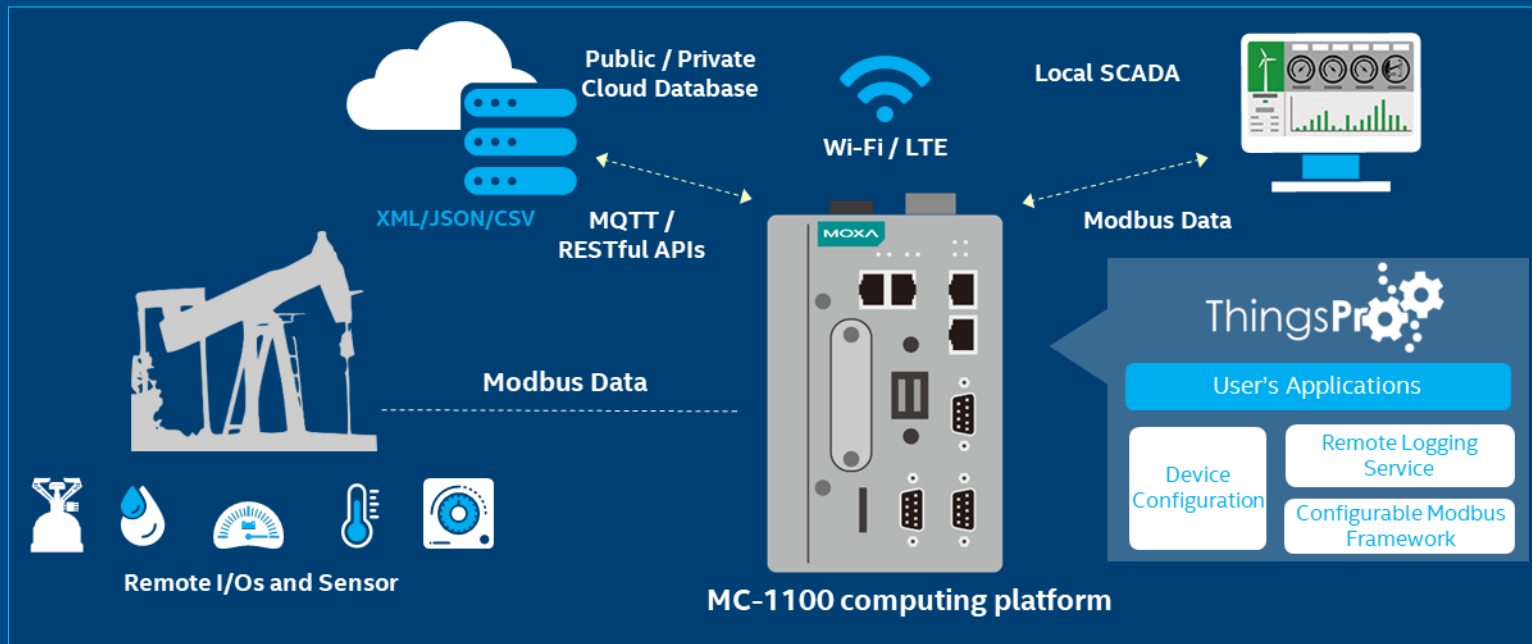
(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Environment Monitoring



Kit Components

Intel Components

- Intel Atom® E3800

Moxa Oil & Gas Hardware

- MC-1100 Series computer

Cloud Service Provider

- Microsoft Azure
- Amazon Web Services

Software

- Moxa ThingsPro IoT Software

Resources

Moxa Oil & Gas kits are described at: [Moxa Oil & Gas Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [MC-1100 datasheet](#)
- [ThingsPro datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

UP Squared AI Vision Development Kit



Kit Overview

A prototyping environment enabling developers to quickly implement and deploy computer vision solutions

- preinstalled customer Ubuntu Desktop OS
- Wide range of robust graphics and media performance
- Optimized for wide array of industrial applications

Value Prop

- Get to work quickly with preinstalled custom OS, OpenVINO™ toolkit, and a USB HD camera
- Design with scalability using your choice of powerful Intel® processors and a plug-in VPU
- Expedite production with preinstalled IDE for prototyping

Geo & Purchase Contacts

Availability: Africa/Middle East, Europe, Americas, Southeast Asia, APJ, PRC, Australia/New Zealand

Intel contact:

Don.liu@intel.com

Partner contact:

alingwu@aaeon.eu

Relevant Verticals

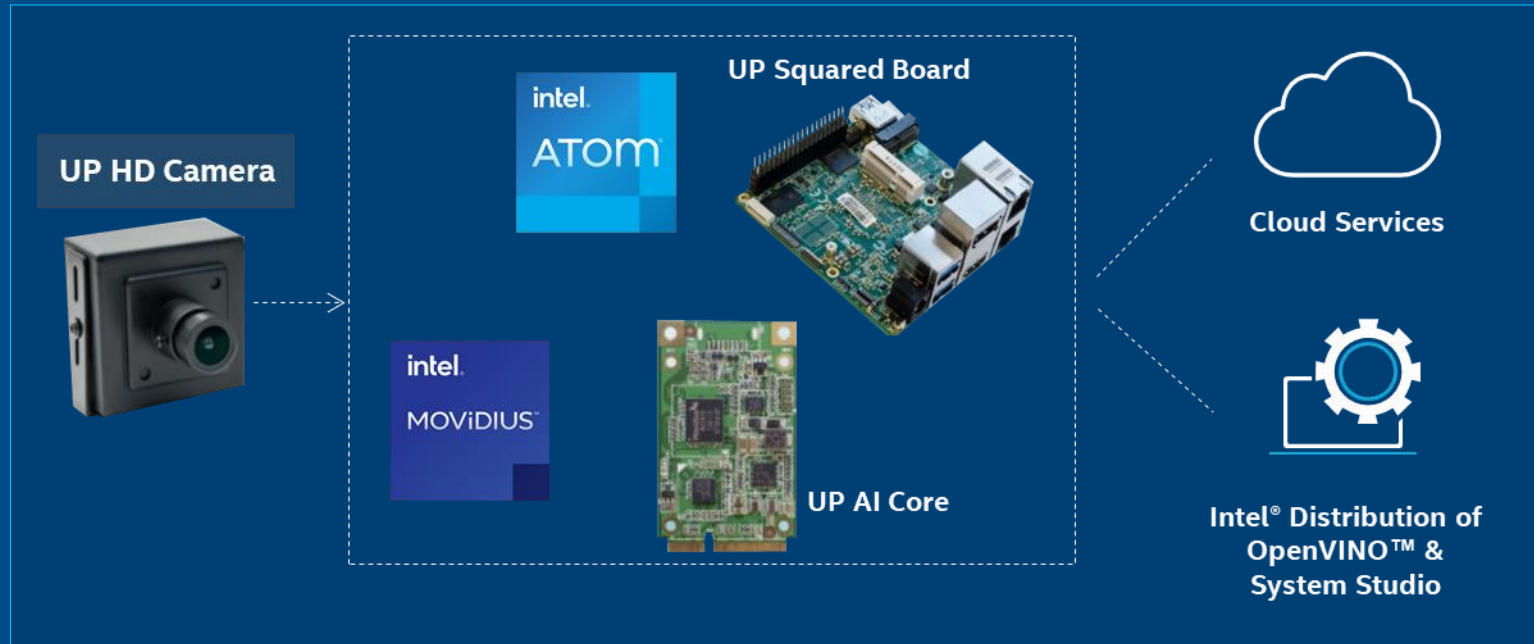
(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring



Kit Components

Intel Components

- Intel Atom® x7-E3950 processor
- Intel® HD Graphics Gen 9
- AI Core with Intel® Movidius™ Myriad™ 2 VPU

UP Hardware

- UP2 board
- USB HD vision camera

Cloud Service Provider

- Amazon Web Services
- Microsoft Azure
- Google Cloud Platform

Operating System

- Linux Ubuntu

Resources

UP kits are described at: [UP Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [AI datasheet / UP2 Board datasheet](#)
- [User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

Mivatek Care Solution



Kit Overview

An easy to install kit designed to assist caregivers with elderly patients. Facilities low on staff can use the app to monitor the condition of their patients, be alerted of any emergencies as well as other applications

- Mobile interactive video alarm
- Instant emergency responses
- Affordable self-monitoring

Value Prop

- Improve seniors' quality of life by enabling a more independent lifestyle
- Enhance safety of patients with video monitoring, door and window sensors, and prioritized response
- Increase productivity of care givers by reducing their workload

Geo & Purchase Contacts

Availability: Africa/Middle East, Europe, Americas, Southeast Asia

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

robinc@mivatek.com

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel Components

- Intel® Quark SoC 400 MHz Quark Core

Cloud Service Provider

- Amazon Web Services

Operating System

- Android, IOS

Mivatek Hardware

- Kit: Security hub, Wi-Fi Camera, Panic & Fall button, Siren, 2 Door & Window Sensors, and a Key fob (arm/disarm the system remotely through the gateway)

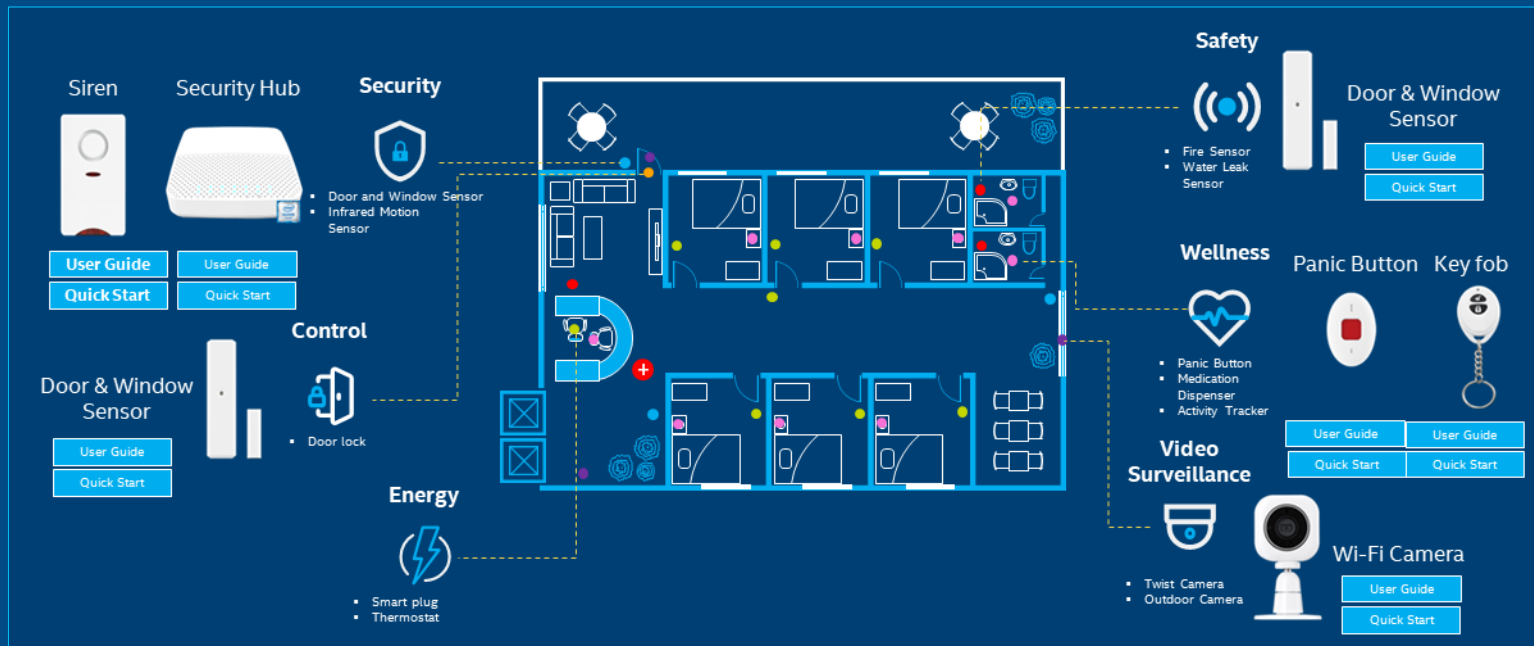
Resources

Mivatek kits are described at: [Mivatek Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [App User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



ADLINK ROS 2.0 Development Platform



Kit Overview

A robotic operating system that enables the interconnection and communication of factory equipment in real time with ROS 2.0 as the system middleware

- Flexible hardware configuration
- Suitable for AI computing
- Scalable for any factory size

Value Prop

- Reduce development costs and boost time to market with the ROS 2.0 open-source application library
- Accelerate robot computation by integrating GPU, which supports the AI computing platform

Geo & Purchase Contacts

Availability: APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
bill.wang@adlinktech.com

Relevant Verticals

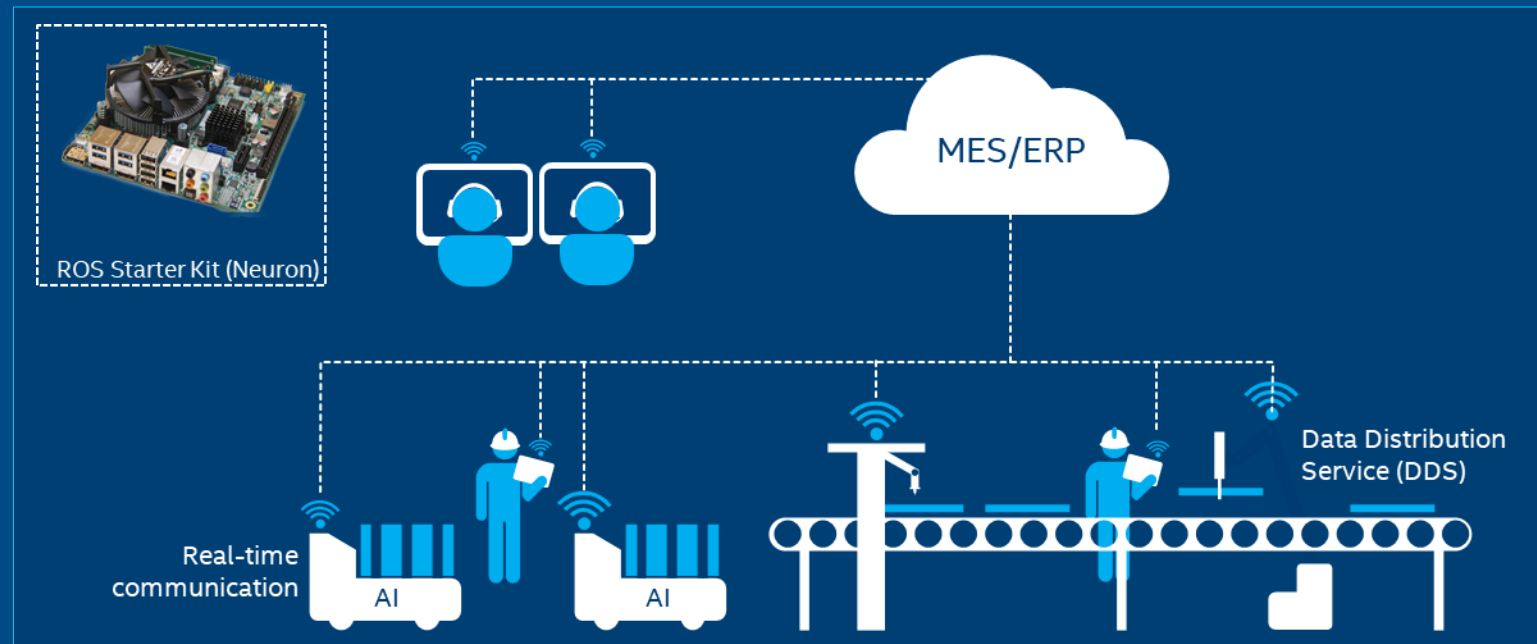
(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization
& Autonomy



Kit Components

Intel Component:

- Intel® Core™ i7/i5 processors, Intel® Celeron® processors, Intel® Movidius™, and Intel® RealSense™

ADLINK Hardware

- ROS Starter Kit-Neuron
 - ROS 2.0 Ardent Apalone
- ### Operating System
- Ubuntu

Learn more

ADLINK kits are described at:
<https://neuron.adlinktech.com/en/>

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

Blutech Machinelink IIoT Solution



Kit Overview

Plug-and-play IIoT network enabler that connects end devices to the edge and cloud while monitoring power consumption and equipment status

- Control system remotely
- Connect multiple channels
- Deploy and upgrade easily
- Meet all scale of IoT

Value Prop

- Avoid risk and reduce costs with projected forecasts and budgets based on performance
- Empower better decision-making with visualized data at various scales
- Improve production efficiency by 5-10% with data processing

Geo & Purchase Contacts

Availability: EMEA, Americas, APAC, PRC

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
deral@blutech.com.tw

iot@blutech.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Machine Condition Monitoring

Kit Components

Intel Component: Intel Atom® processor E3825

Blutech Hardware: Blutech Machinelink Gateway, Data Collector, Machinelink meter

Software: Tomcat web server, MySQL database, networking protocol algorithm

Cloud Service Provider: AWS

Operating System: Ubuntu, Linux

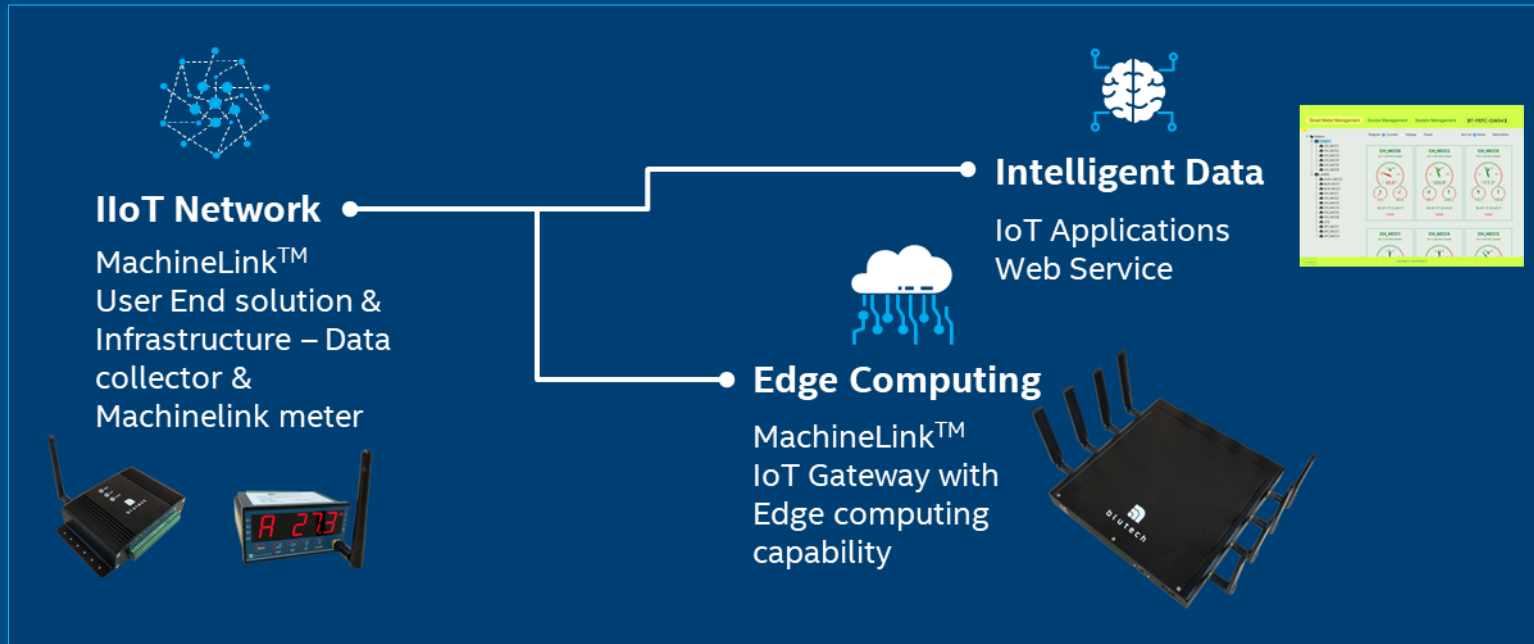
Learn more

Blutech kits are described at:
<http://www.blutech.com.tw>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [Configuration Guide](#)
- [ORDER here today](#)



Episensor Energy Management



Kit Overview

The kit pulls data from a variety of sensors that measure parameters including voltage, current, power, and more. With the data collected from these sensors, the kit enables customers to perform more effective energy management by:

- Easily deploying and expanding
- Withstanding harsh conditions
- Using a wide range of sensors

Value Prop

- Highlight areas of inefficiency so action can be taken to reduce energy usage and costs
- Improve sustainability by decreasing overall energy usage by up to 35%, reducing the associated environmental impact

Geo & Purchase Contacts

Availability: Europe

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
sales@episensor.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

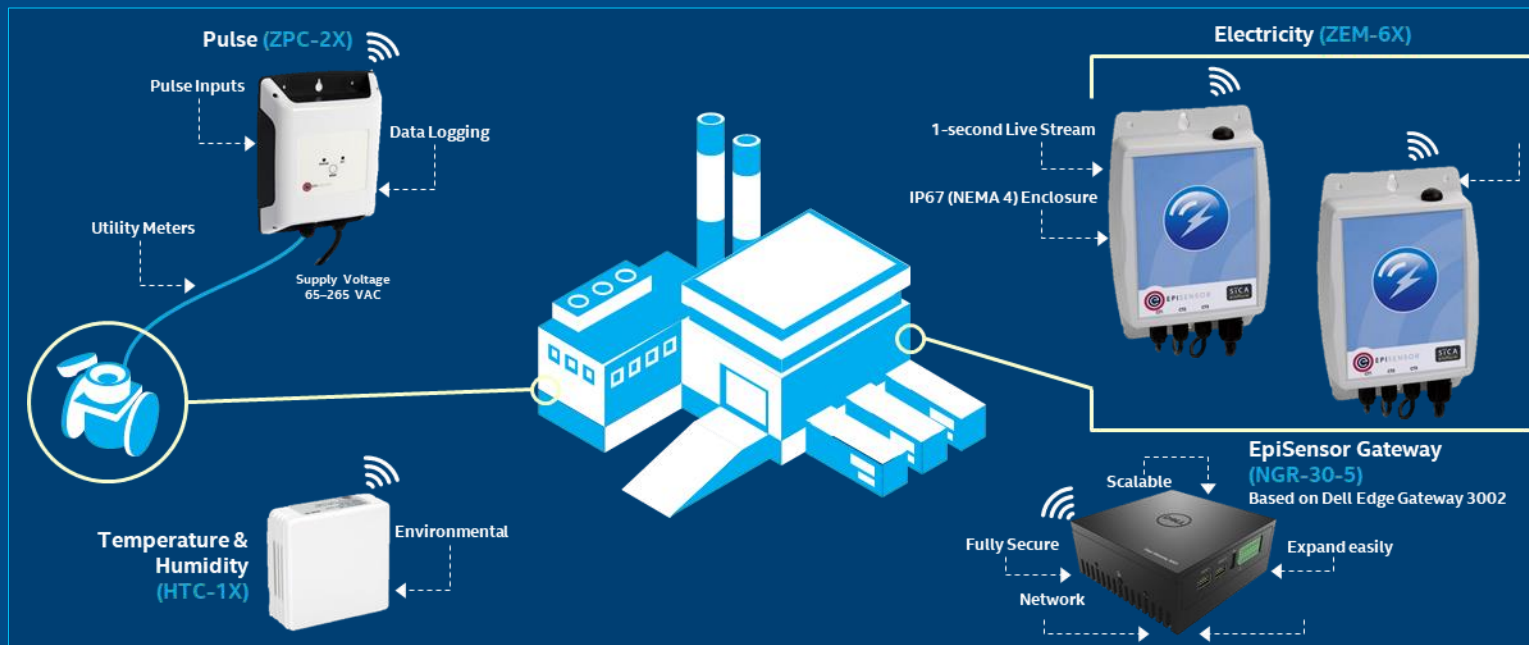
Relevant Use Cases

(click to see full list of kits for each use case)

Energy Monitoring
& Management

Machine Condition
Monitoring

Asset & Operations
Optimization



Kit Components

Intel Component: Intel Atom® processor E3805

Episensor Hardware: NGR-30-5 Gateway, Three-Phase Electricity Monitor ZEM-61, M-Bus Interface, Range Extender, Pulse Counter

Software: preinstalled

Cloud Service Provider: AWS, Microsoft Azure, IBM Cloud

Operating System: Ubuntu Core

Learn more

Episensor kits are described at:
<https://episensor.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Gateway](#)
- [Three-phase Electricity Monitor](#)
- [Pulse Counter](#)
- [User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

Nexcom MiniBOT Educational Robot Kit



Kit Overview

An EtherCAT-based, 6-axis articulated robot used to research and learn how an industrial robot is built and operated

- Compact, industrial robot design
- Open development environment
- Suitable for education

Value Prop

- Improve efficiency of robotic courses that enables the ability to effectively teach individuals how to build and operate industrial robots
- Develop and test productive routines using the MiniBOT as an experimental environment

Geo & Purchase Contacts

Availability: EMEA, Africa, Southeast Asia, APJ, PRC, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
kurtchen@nexcom.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Education

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy

Kit Components

Intel Component: Intel® Celeron® J1900 Quad-Core, Intel® I210AT NIC

Nexcom Hardware: Robotic Arm, External Emergency Button, Robot Control Cabinet

Software: NexGRC (NexCOBOT's robot control software)

Operating System: Windows

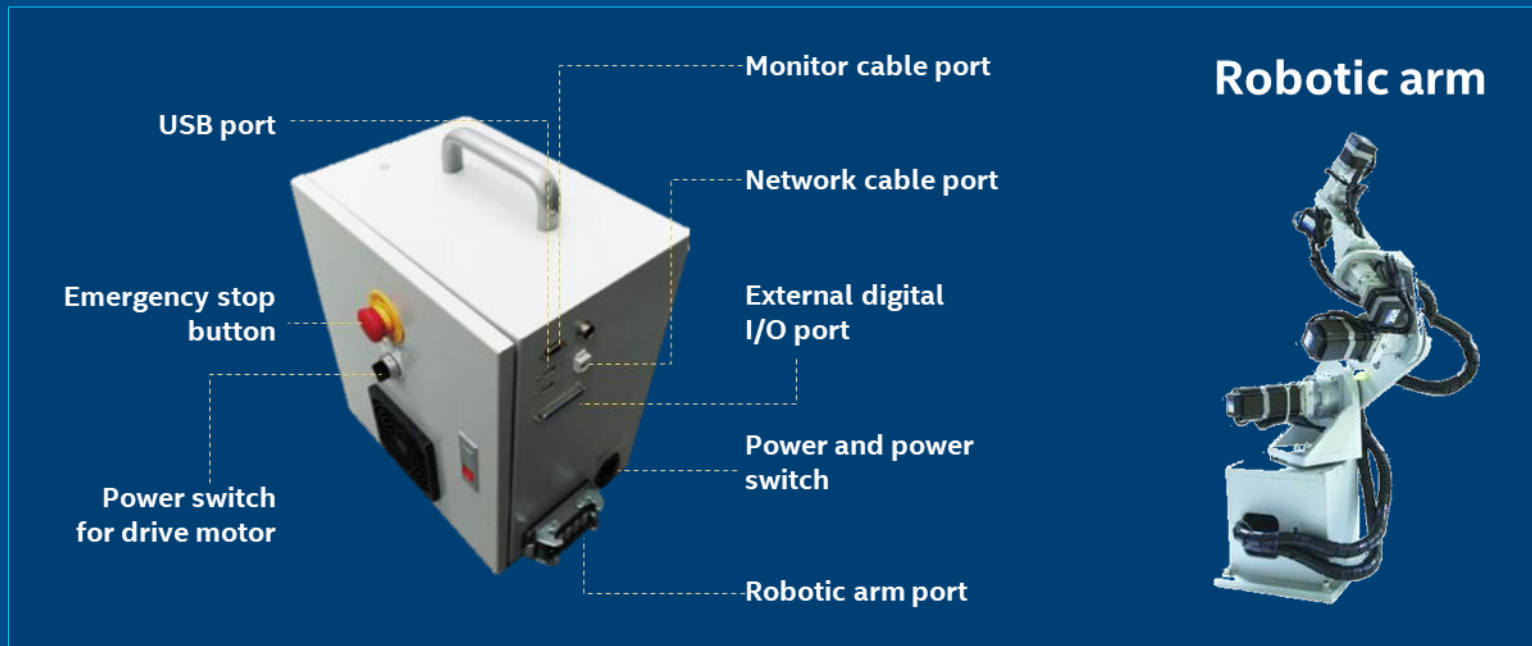
Learn more

Nexcom kits are described at: <http://www.nexcom.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



JWIPC AI Ready Vision kit for Smart Manufacturing



Kit Overview

The AI Ready Vision kit for Smart Manufacturing provides edge analytics for factory computer vision analysis and predictive maintenance

- North bound cloud communication
- Defect detection
- Rugged, fanless design

Value Prop

- Enhance the factory automation process with visual inspections deployed with machine learning capabilities
- Connect factory equipment and perform edge to cloud orchestration through ETA

Geo & Purchase Contacts

Availability: PRC
Intel contact:
rfp.ready.kits@intel.com

Partner contact:
zhuxz@jwele.com.cn

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Product Inspection

Machine Condition Monitoring

Kit Components

Intel Component: Intel® Skylake CPU, ETA, and Intel® Distribution of OpenVINO™ toolkit

JWIPC Hardware: E7QL

Cloud Service Provider: Alibaba IoT Cloud

Operating System: Ubuntu

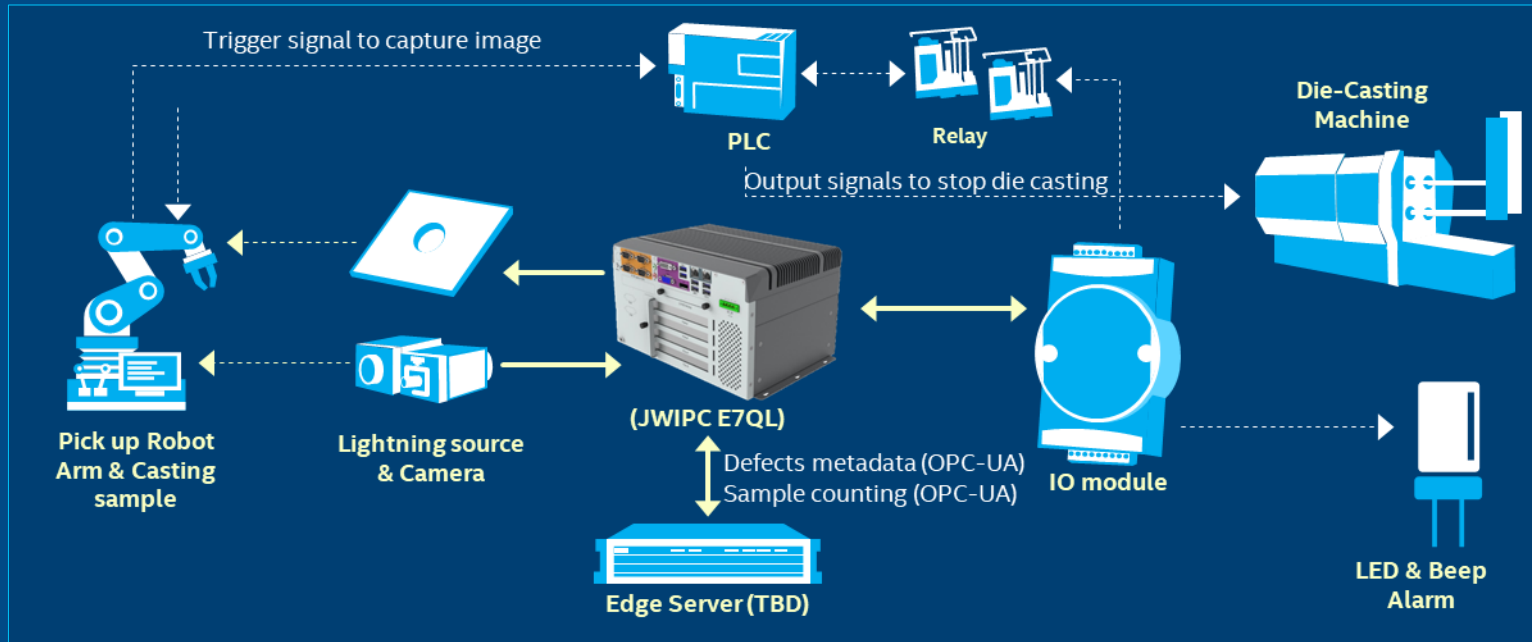
Learn more

JWIPC kits are described at:
<http://www.jwipc.net/>

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [Product Page](#)
- [User Guide](#)
- [ORDER here today](#)



SYSTECH IntelliTrac S1



Kit Overview

IntelliTrac S1 is a telematic device that fulfills fleet management and logistics monitoring requirements for current and future markets

- ADAS function support
- Features rich tracking protocol
- High-performance GPS module

Value Prop

- Increase driver safety with driver behavior monitoring
- Reduce fuel cost and improve dispatching efficiency with route planning and optimization
- Ensure asset security with real-time tracking for monitoring asset status

Geo & Purchase Contacts

Availability: All countries with 3G coverage

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Jae.jiun.koo@intel.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Situational Monitoring

Asset & Operations Optimization

Kit Components

Intel Component: Intel Atom® x3 quad-core processor
SYSTECH Hardware: I/O cable, Power Cable, Serial RS 232 Cable, 1-wire and RS 485 Cable, and Wi-Fi, Bluetooth, GPS, and GSM Antennas
Software: Intelli FleetWeb
Operating System: Android 6.0

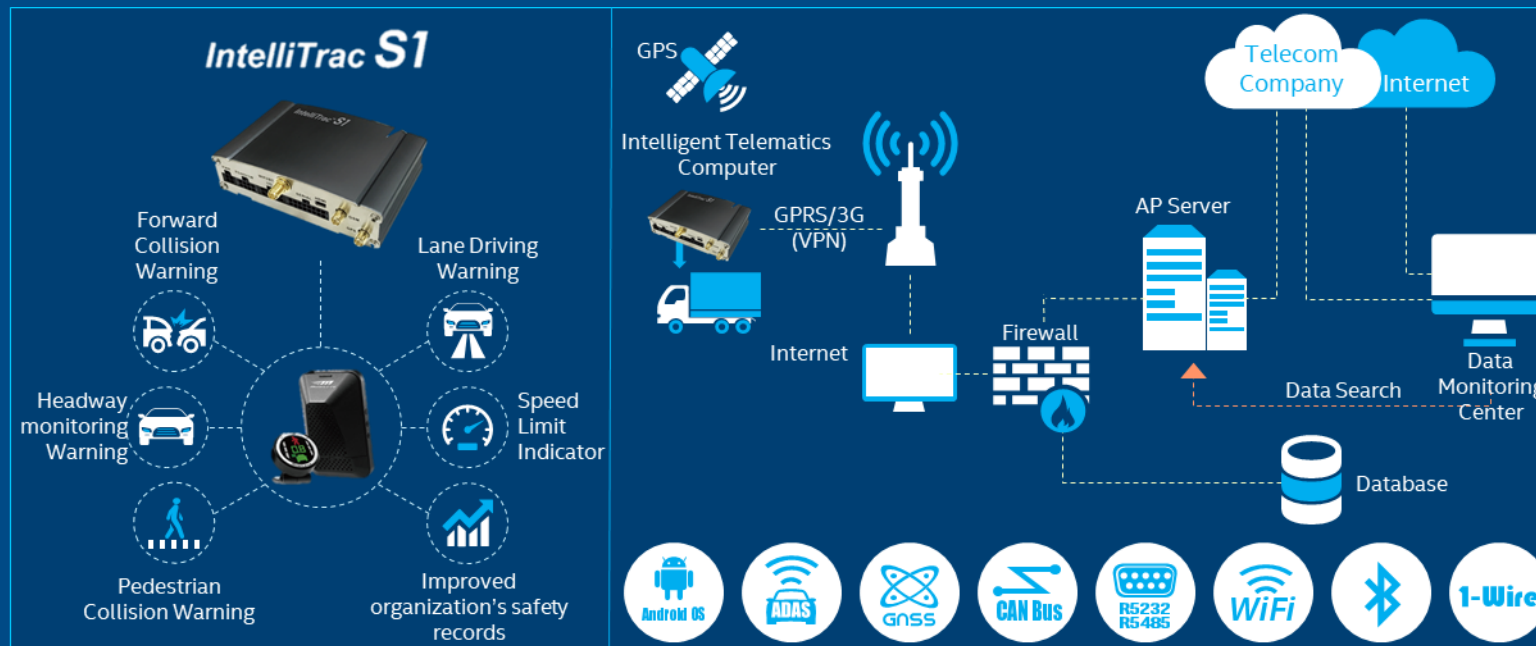
Learn more

SYSTECH kits are described at: www.systech.com.tw/index.php

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [IntelliTrac S1 datasheet](#)
- [Intelli AVL Solutions](#)
- [User Guide](#)
- [Configuration Guide](#)
- [ORDER here today](#)



Avalue Interactive Smart Shelf



Kit Overview

It is a digital signage kit that plays coordinated content when customers engage with items on the shelf. The smart shelf detects product movement for tailored marketing, displays complex product details, and provides discount vouchers. Notable too is its compact and fanless design.

Value Prop

- Engage customers with targeted advertisements and product information
- Improve productivity of store employees by reducing time spent describing products to customers
- Increase insights on product placement with visual analysis report by Microsoft Power BI

Geo & Purchase Contacts

Availability: Africa/Middle East, Europe, Americas, APAC, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Jason_liu@avalue.com.tw
Sales@avalue-solutions.com

Relevant Verticals

(click to see full list of kits for each vertical)

Health & Life Sciences

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness Monitoring

Asset & Operations Optimization

Kit Components

Intel Component: Intel Atom® SoC processor, Intel® 6th Generation Intel® Core™ & Celeron® processor

Avalue Hardware: REN-EP (EPC-BYT2/EPC-SKLU plus Renity Signs software)

Cloud Service Provider: Microsoft Azure

Operating System: Windows

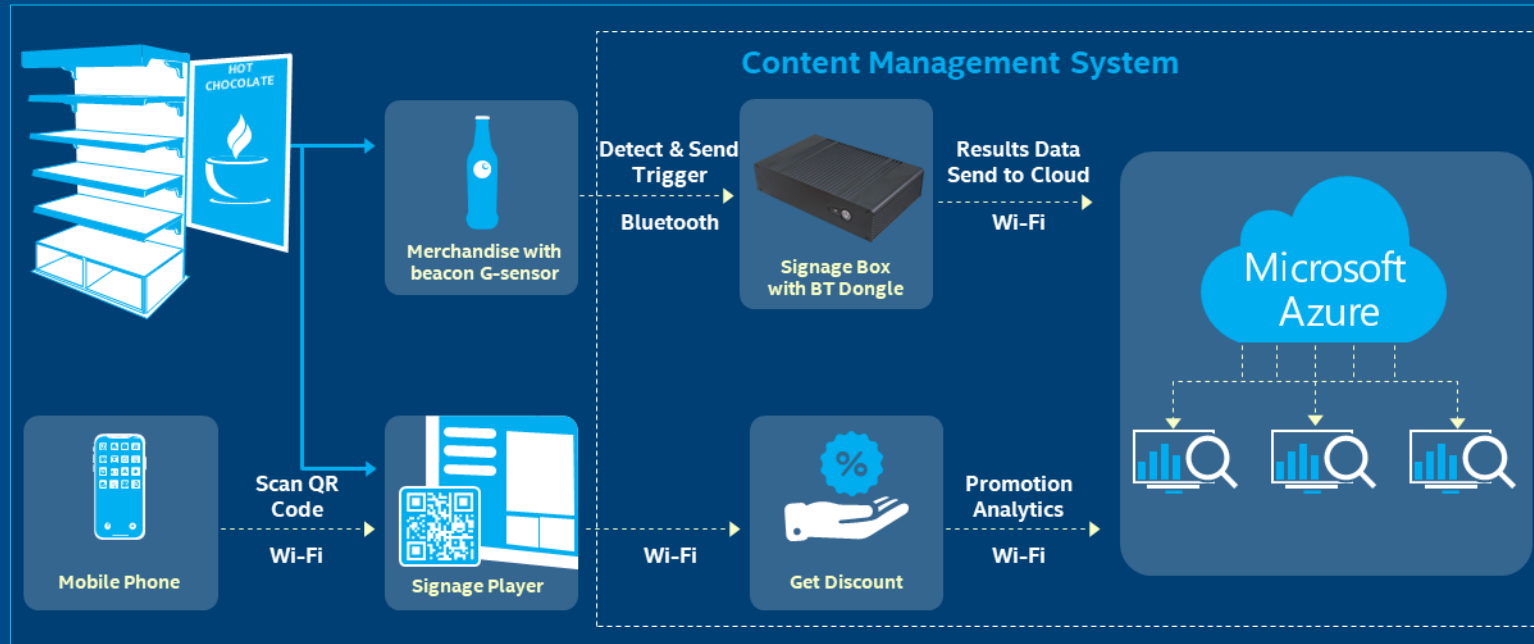
Learn more

Avalue kits are described at: <https://retail.avalue-solutions.com/en>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [Product Unboxing](#)
- [Configuration Guide](#)
- [ORDER here today](#)



Seneca Panopto Certified Video Capture Appliance



Kit Overview

The Seneca Panopto Certified Video Capture Appliance enables presentations to be recorded from a wide range of devices and stores the content securely in the cloud for later viewing

- Quiet and cool design
- Tested and certified with Panopto video capture software

Value Prop

- Schedule recordings and webcasts in advance
- Enable viewers to monitor video recordings taking place across an organization
- Provide easy recording and capturing for conferences, meetings, and events

Geo & Purchase Contacts

Availability: Europe, Americas, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
scott.falso@arrow.com

Relevant Verticals

(click to see full list of kits for each vertical)

Education

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Asset & Operations Optimization

Kit Components

Intel Component: Intel® Core™ i7-6700 processor

Seneca Hardware: Video capture appliance, video capture cards, and multimedia accessories

Cloud Service Provider: Amazon Web Services

Operating System: Windows

Learn more

Seneca kits are described at:
<https://www.arrow.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



ReadSense FX Smart Camera Module



Kit Overview

A smart camera designed for human-computer interaction that allows retailers to track customer demographics and buyer patterns

- Face tracking and recognition
- Age, gender, and emotion estimation
- Energy-efficient

Value Prop

- Improve decision making with data on customer needs and patterns
- Scale the kit to fit specific needs with customizable metrics
- Increase security and reduce false alarms with an upgrade for surveillance technology
- Support multiple vision tasks simultaneously

Geo & Purchase Contacts

Availability: EMEA, Americas, APJ, PRC, ANZ, and Southeast Asia

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
leon@readsense.cn

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Retail

Government

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Situational Monitoring



Smart Vending Machines:
Facial Recognition and Human Detection



Access Control:
Non-intrusive, real-time face verification



Retail Traffic Analysis:
People counting, in-store trajectory, and heat maps

Kit Components

Intel Component: Intel® Movidius™ Myriad™ VPU 2
ReadSense Hardware: FX module computing board and FX module sensing board
Software: ReadSense embedded deep learning algorithms

Learn more

ReadSense kits are described at:
<https://www.readsense.cn/solutions/smart-shopping.html/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [ORDER here today](#)

Super Micro Edge Gateway Management



Kit Overview

The Edge Gateway Management Solution is a cloud-based system that connects apps to networks, the cloud, data center, or other edge gateway.

- Secure operating model
- Fanless design
- Full stack provisioning

Value Prop

- Improve efficiencies by provisioning devices remotely from cloud and software-based onboarding
- Increase security with crypto ID-based onboarding, TPM, hypervisor technology, PKI, and integrated firewalls

Geo & Purchase Contacts

Availability: Europe, Americas, Southeast Asia, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Ken_Mao@supermicro.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Kit Components

Intel Component: Intel Atom® x5-E3940, Intel® Core™ i5-7300, Intel® Xeon® processor D-1518

Super Micro Hardware: SYS-E50, SYS-E100, SYS-E300, SYS-5018D

Software: Zededa Edge Software, ZedCloud

Cloud Service Provider: Microsoft Azure, Amazon Web Services

Operating System: Windows 10 IoT

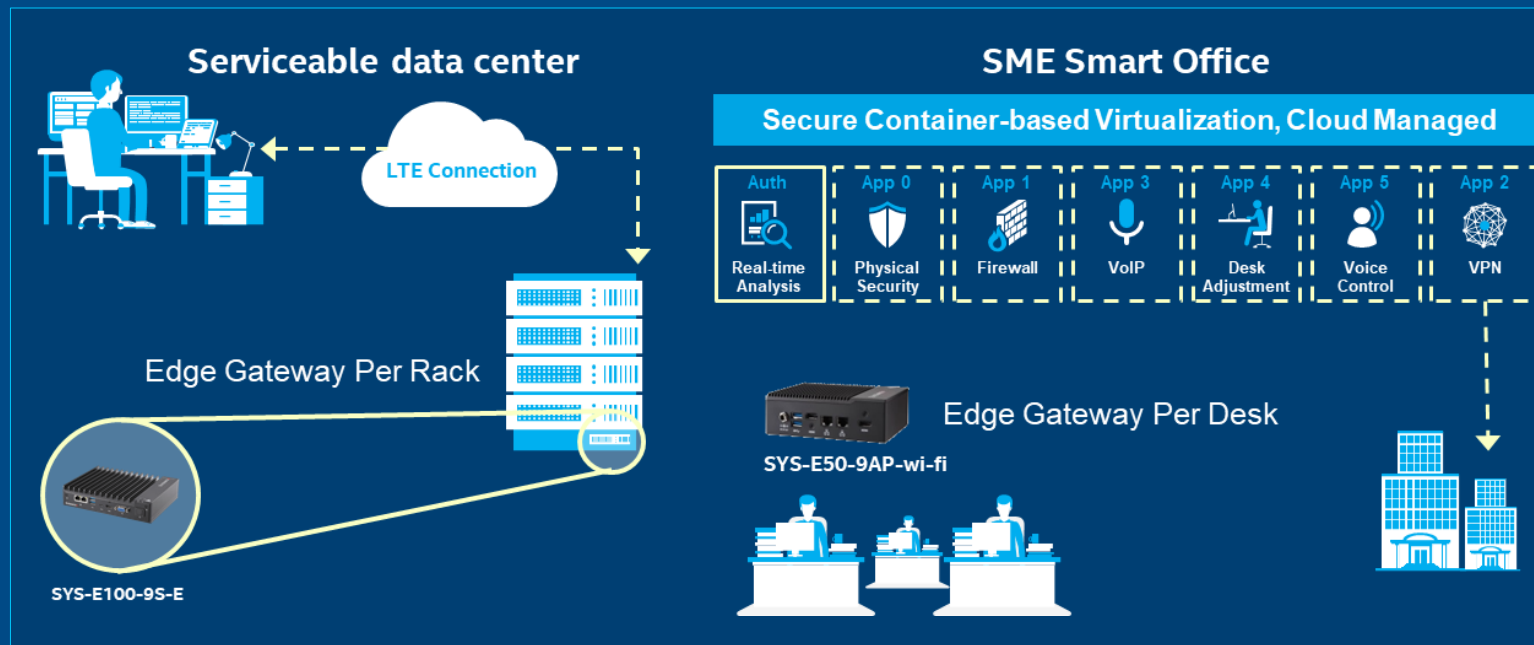
Learn more

Super Micro kits are described at: <https://www.supermicro.com/products/index.cfm>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
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Lanner SilosBreaker Edge Security Kit



Kit Overview

This kit provides seamless endpoint authentication, software property protection, and advanced device/application management and monitoring. The kit also offers:

- IE 61850-3 and IEEE 1613 compliance
- Rugged design to withstand harsh environments
- Onboard TPM support

Value Prop

- Protect communication in both IT and OT domains with the Lanner Security Gateway
- Increase security with a VM software image, data communications, and a full stack of protections from denial of port accessibility

Geo & Purchase Contacts

Availability: Europe, Americas, Southeast Asia, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
rhino_fang@lannerinc.com

US Partner contact:
tim_casto@lannerinc.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Kit Components

Intel Component: Intel Atom® x5-3930 processor, Intel Atom® x7-3950 processor

Lanner Hardware: Edge Security Gateway LEC-6041A

Software: Intel® Boot Guard, Lanner Platform Guard, Zededa Cloud Native Edge

Operating System™Windows, Linux with Kernal 2.6

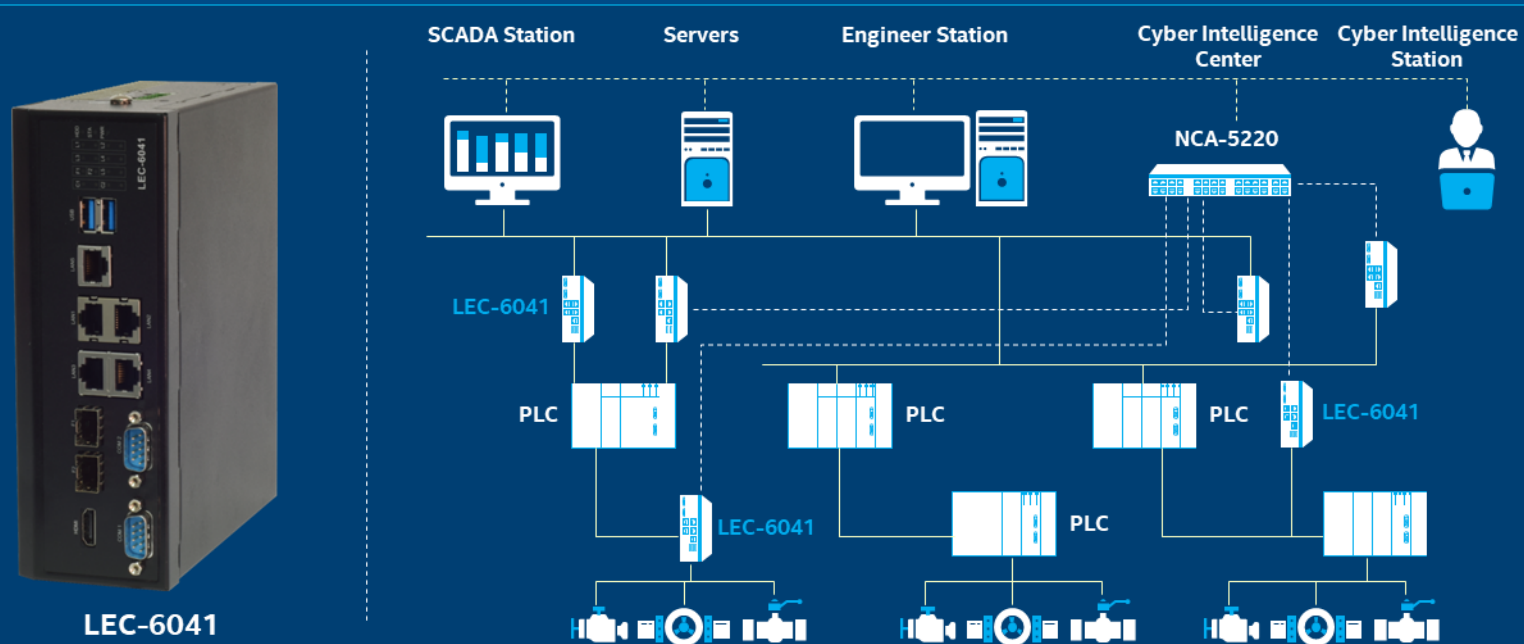
Learn more

Lanner kits are described at:
<http://www.lannerinc.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



Elitegroup Computer Systems

ACE+LIVA Q2-Content Management



Kit Overview

A web-based content management system that is designed for remote management and scheduling of the digital signage. The kit offers and includes the following:

- Small and compact design
- Internal cooling fan
- User-friendly interface
- Full PC functionality

Value Prop

- Increase scalability of digital signage players with content updates
- Improve efficiency with centralized monitoring and configuration for all devices
- Increase sales revenue with a business intelligence interface that generates user reports for customers

Geo & Purchase Contacts

Availability: APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
karie.wang@ecs.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media



Kit Components

Intel Component: Intel® Pentium® processor N4200, Intel® HD 600 series graphics

Elitegroup Hardware: LIVA Q2 Mini PC

Software: ACE content management system

Cloud Service Provider: Microsoft Azure

Operating System: Windows, Android

Learn more

Elitegroup Computer Systems kits are described at:
<http://www.ecs.com.tw/ECSWebSite/Index/EN/Home>

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [ORDER here today](#)

IP3 Smart Lighting



Kit Overview

IP3 Smart Lighting is designed to transmit lighting data for remote monitoring and control

- Auto proximity lightness adjustment
- Environment Monitoring
- Alarms for lamp status

Value Prop

- Improve personnel inspection efficiency through an inside G sensor that detects the quality of light
- Reduce energy consumption with integrated light sensors to turn lights on and off automatically

Geo & Purchase Contacts

Availability: Americas, EMEA, ASEAN, PRC, ANZ, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
foream.sun@ip3-tech.com

Relevant Verticals

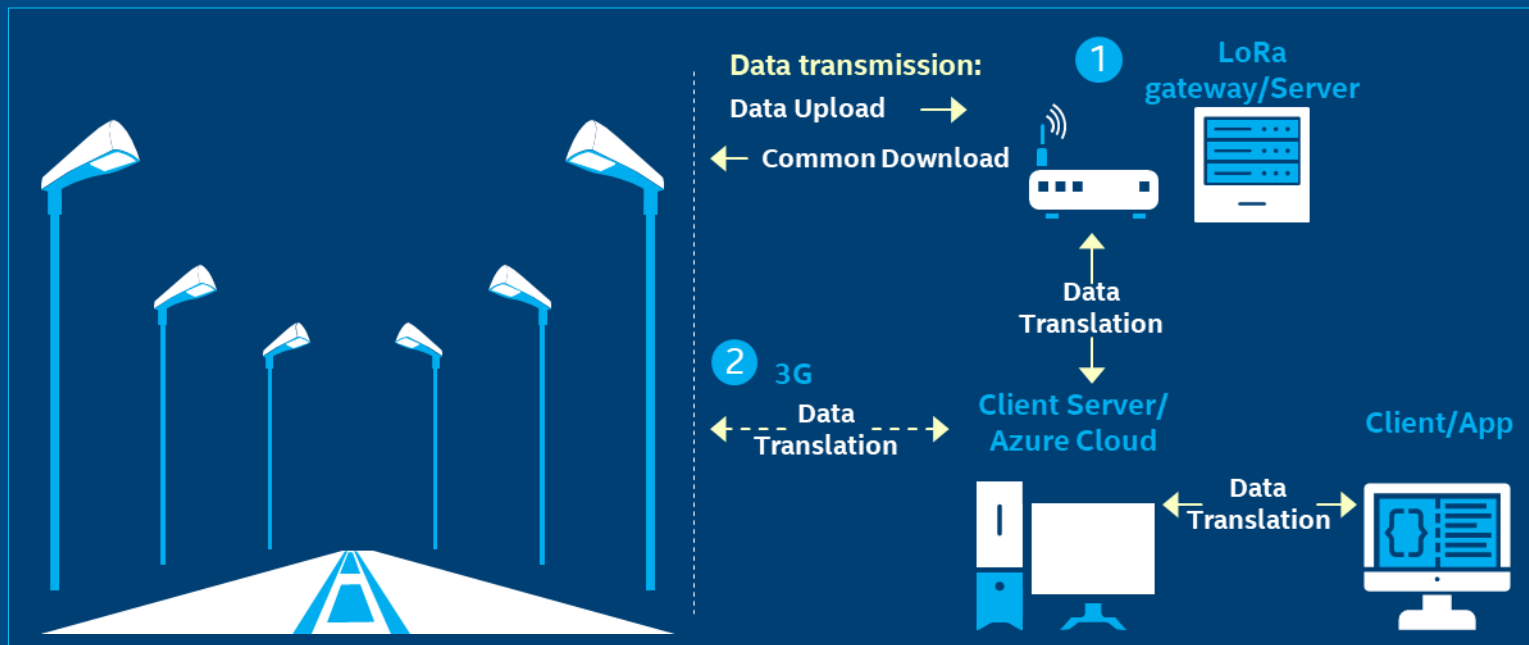
(click to see full list of kits for each vertical)

Energy

Relevant Use Cases

(click to see full list of kits for each use case)

Energy Monitoring & Management



Kit Components

Intel Component: Intel® Quark™ C1000 CPU

IP3 Hardware: Lighting controller and LoRa gateway

Software: LoRaWAN

Cloud Service Provider: Microsoft Azure

Operating System: Linux

Learn more

IP3 kits are described at:
<https://solutionsdirectory.intel.com/member-roster/IP3>

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [ORDER](#) here today

Seneca xConnect Remote Management Platform



Kit Overview

xConnect monitors your environment with advanced intelligence and allows you to audit, manage, and maintain all aspects of a security installation from a single, intuitive dashboard.

- Industrial, fanless design
- Internal power for convenient integration

Value Prop

- Reduce downtime with error alerts and system performance monitoring
- Improve operational efficiencies with the ability to gather all relevant data within a video surveillance system on one simple user interface

Geo & Purchase Contacts

Availability: Americas, Europe

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
salesemail@senecadata.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Retail

Government

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

SECURITY NVR WITH XCONNECT AGENT INSTALLED

NVR setup with cameras and view station.



Kit Components

Intel Component: Intel® Celeron® processor N3060, Intel® HD Graphics 400

Seneca Hardware: XK-FLX Embedded System

Software: xConnect Agent

Cloud Service Provider: Microsoft Azure

Operating System: Windows

Learn more

IP3 kits are described [here](#)

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [User Guide](#)
- [ORDER here today](#)

Future Robot Tech's Smart Camera RVS-2100



Kit Overview

- A powerful new generation x86 smart camera that provides advanced image processing, ideal for high-speed, high-resolution industrial imaging
- Rugged design to withstand harsh environments
 - Flexible software development
 - PWM optics control integrated

Value Prop

- Improve operational efficiencies with production line quick scanning
- Increase data accuracy by reducing human error in warehousing and cargo sorting with outer packaging bar code scanning

Geo & Purchase Contacts

Availability: Europe, PRC
Intel contact:
rfp.ready.kits@intel.com
Partner contact:
amos@futererobottech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Situational
Monitoring

Logistics &
Tracking

Kit Components

Intel component: Intel Atom® Dual/Quad-Core Processor E3930/E3950

OS Support: Windows 10 and Linux

Cloud Service Provider: Google Cloud Platform and Alibaba Cloud

Software: Demo software

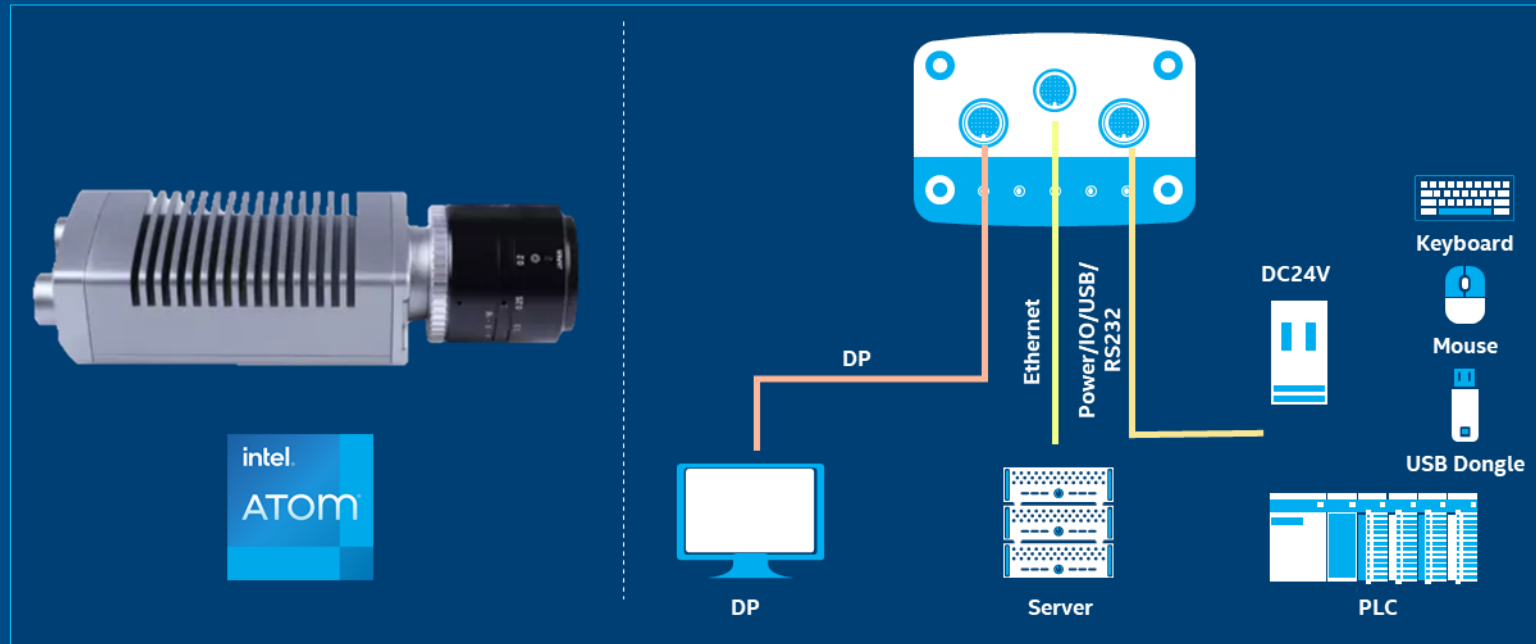
Hardware: RVS-2100 Apollo Lake Smart Camera

Resources

Future Robot Tech's kits are described at:
<http://www.futererobottech.com/>

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

- For more information, visit the following:
- [Datasheet](#)
 - [Configuration Guide](#)
 - [API/SDK](#)
 - [ORDER here today](#)



Avalue Medix Care Solution



Kit Overview

The Medix Care Solution enables communication between medical staff and patients, empowering services at the point of care, while providing analytics to facilitate hospital management

- Communication to nursing station
- Digital patient records at bedside
- Wide range of clinical efficiencies

Value Prop

- Improve workflow efficiencies with fast access to records and data
- Enable quicker diagnoses by having in-patient medical information easily and readily available
- Reduce human error by limiting the need for paperwork
- Allow for interactive patient engagement

Geo & Purchase Contacts

Availability: Europe, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
rus_lu@avalue.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Health & Life Sciences

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness Monitoring

Asset & Operations Optimization

Kit Components

Intel Components: Intel Atom® processor Z3735F

Avalue Hardware: Medi-View (18.5in Medical Panel PC with wall mounting arm)

Software: Medix Platform

Cloud Service Provider: Microsoft Azure

Operating System: Android

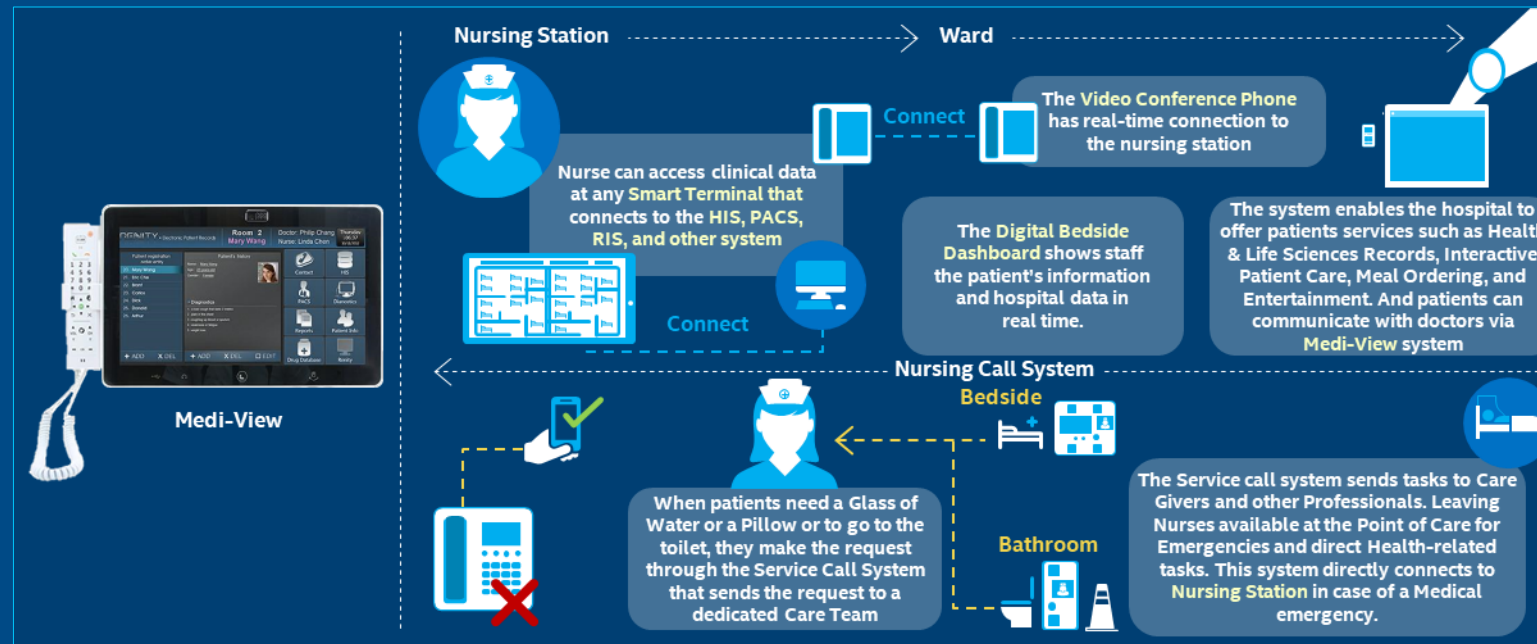
Resources

Avalue kits are described at: [Avalue website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [ORDER here](#)



Roseek Smart Camera



Kit Overview

A reliable smart camera solution that includes image acquisition, processing, and system communication

- Essential functions included
- Reliable system stability—a wide working temperature range with a low failure rate
- Support for Linux and Microsoft Windows

Value Prop

- Maximize value with an open and easy-to-develop platform for support of third-party software while maintaining low costs
- Elevate performance powerful computing capacity and real-time image processing of uncompressed images

Geo & Purchase Contacts

Availability: Global

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
yuzhong.wang@roseek.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Situational Monitoring

Kit Components

Intel Components: Intel Atom® E3845 processor

Roseek Hardware: 0.3–12 MP CCD/CMOS image sensor, HDMI DisplayPort*, two constant current LED drivers

Operating System: 64-bit Windows 10 IoT Enterprise, Linux Ubuntu

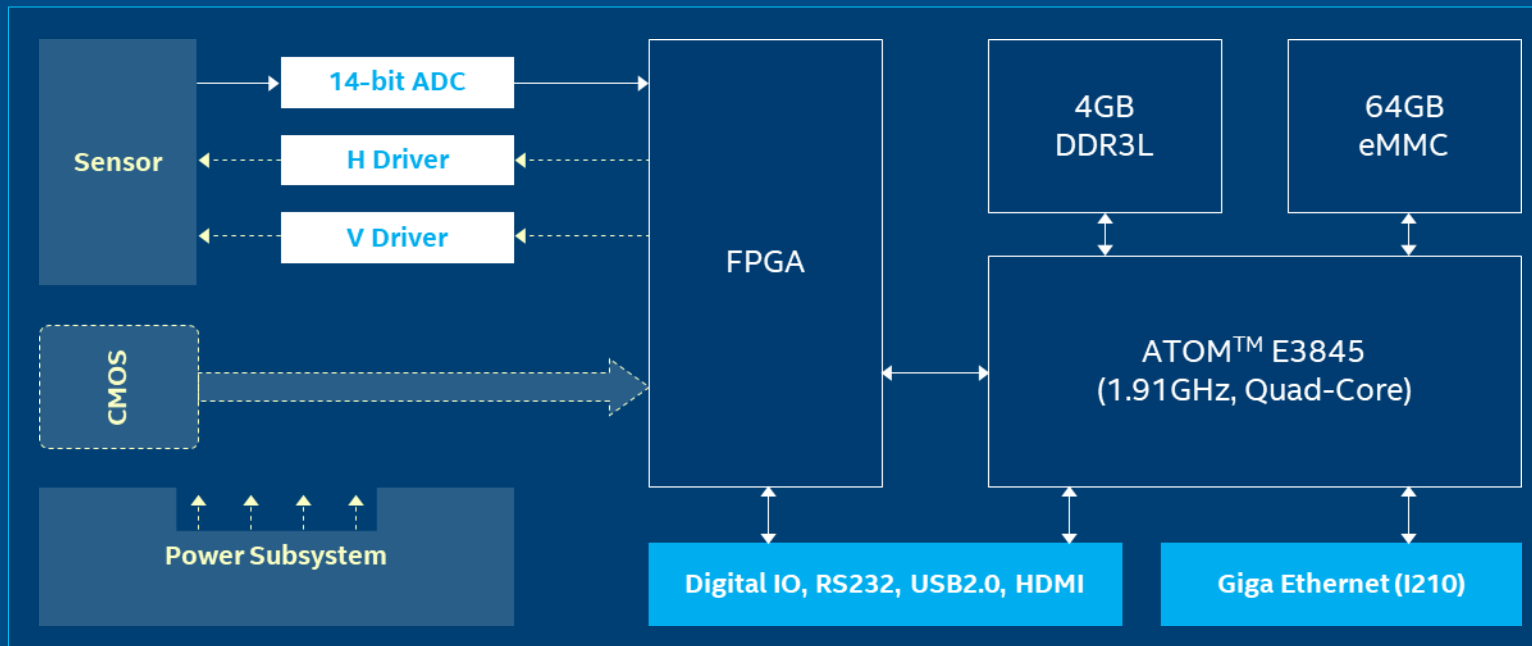
Resources

Roseek kits are described at: <http://www.roseek.com/en/product/cheetah1.html>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



IP3 Smart Energy IoT Kit



Kit Overview

Based on Intel® Cyclone®, the Smart Energy IoT Kit is a gateway that acquires and processes real-time data from residential powerlines to monitor and manage energy consumption.

- Wi-Fi or ZigBee compatibility
- Disaggregation service
- Home automation

Value Prop

- Increase interoperability and scalability with easy integration to Intel's Energy Collective Optimization (ECO) systems
- Reduce wasted energy by supporting Demand Energy Response (DER) solutions
- Improve utility operations through comprehensive customer usage and peak load data

Geo & Purchase Contacts

Availability: Europe, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
dark.zhu@sixunited.com

Relevant Verticals

(click to see full list of kits for each vertical)

Energy

Relevant Use Cases

(click to see full list of kits for each use case)

Energy Monitoring & Management



Kit Components

Intel Components: Intel® Cyclone® V FPGA SoC

IP3 Hardware: Energy gateway w/ current transformer sensors

Software: FPGA logic

Cloud Service Provider: Amazon Web Services, Google Cloud Platform

Operating System: Ubuntu 16.04

Resources

Shanghai SixUnited Intelligent Technology Co. Ltd. solutions are described at:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

AOPEN Solutions Smart Scale m-intelligence



Kit Overview

The solution is the first AI enabled, computer vision bulk product scale and labeling system that can recognize products, learn behaviors, and apply business rules at the edge and in the cloud

- Self-service POS
- Machine learning and computer vision

Value Prop

- Reduce wasted stock and inventory by making the check-out process one easy step
- Improve staff efficiency with self-service POS
- Install and scale easily with AOPEN Solutions platform combined with meldCX

Geo & Purchase Contacts

Availability: Americas, APJ, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
joychua@aopen.com

Relevant Verticals

(click to see full list of kits for each vertical)

Health & Life Sciences

Hospitality

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Product Inspection

Situational Monitoring

Asset & Operations Optimization

Kit Components

Intel Components: Intel® Distribution of OpenVINO™ toolkit, Intel® Celeron®, Intel® Core™ processors, Intel® Movidius Myriad 2

AOPEN Hardware: eTILE 15, DE3450

Software: m-intelligence module from meldCX

Cloud Service Provider: Microsoft Azure, Google Cloud Platform

Operating System: Windows

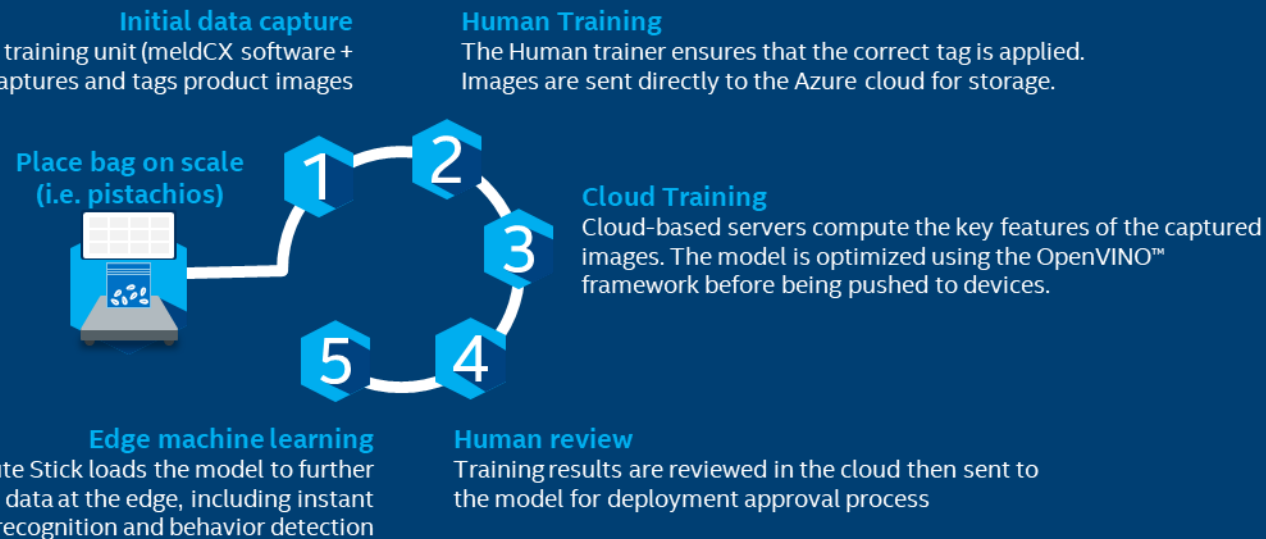
Resources

AOPEN kits are described at: [AOPEN website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here](#)



Advantech UTX-3117 with Alleantia I4.0 Plug & Play Solutions



Kit Overview

- A plug-and-play IoT gateway that bridges the gap between machines, sensors, and other IT applications by connecting factory equipment
- Wide power range input and IoT Software integration
 - Compact, low-power design
 - Wide operating temperature

Value Prop

- Simplify your deployment with multi-connectivity, a rich I/O, and support for multiple protocols
- Improve efficiencies by connecting a vast range of factory equipment
- Reduce costs in material handling with increased visibility to factory equipment

Geo & Purchase Contacts

Availability: Americas, Europe, APJ, PRC

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
antonios.tsetsos@Advantech.eu

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy

Product Inspection

Machine Condition Monitoring

Kit Components

Intel Components: Intel Atom® processor E3900, Intel® Pentium® processor, and Celeron® processor N- and J-Series

Advantech Hardware: UTX-3117

Software: Alleantia ISC, Windows, Linux

Cloud Service Provider: Amazon Web Services, Microsoft Azure

Operating System: Windows 10 IoT

Resources

Advantech kits are described at their website [here](#)

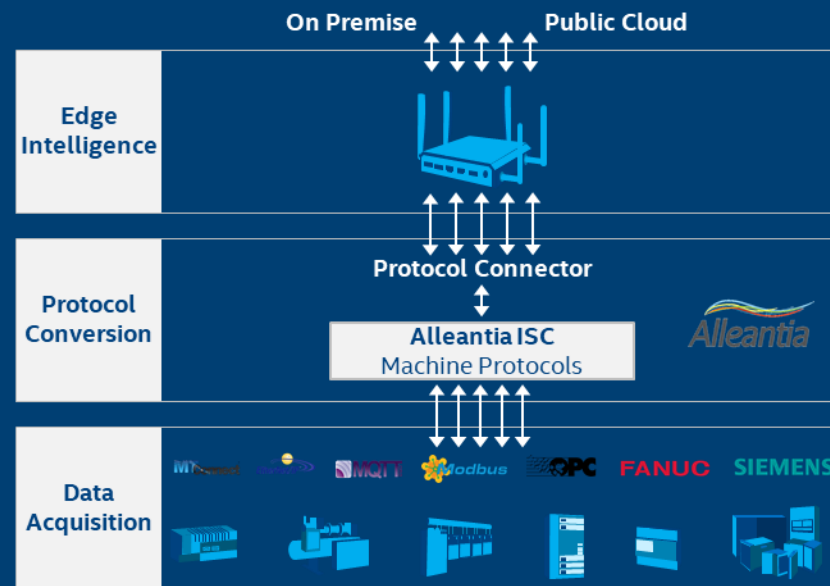
To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [REST API](#)
- [MQTT API](#)
- [Azure IoT API](#)
- [ORDER here](#)



UTX-3117



ECS Smart Classroom



Kit Overview

Smart Classroom is designed to connect teachers and students with innovative technologies to create an efficient learning environment

- Shock resistant & shatterproof
- Water resistant
- Ceiling mount CMAP with high-speed connectivity

Value Prop

- Enhance student learning experience with functions that promote interaction
- Simplify deployment with simple technology and intuitive design
- Improve efficiencies with a content management access point that allows for 50 Wi-Fi clients to be connected, online, or offline

Geo & Purchase Contacts

Availability: EMEA, Americas, SEA, APJ, PRC, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
amanda.lin@ecs.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Education

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Asset & Operations Optimization

Kit Components

Intel Components: Intel® Core™ i3/i5 processor, Intel® Celeron® processor N4000/N4100/N5000

ECS Hardware: Tablets, laptops, interactive flat panel, content management access point (CAPM)

Software: Inspiring Knowledge Education Software (iKES), Content Hub system

Operating System: Windows, Linux

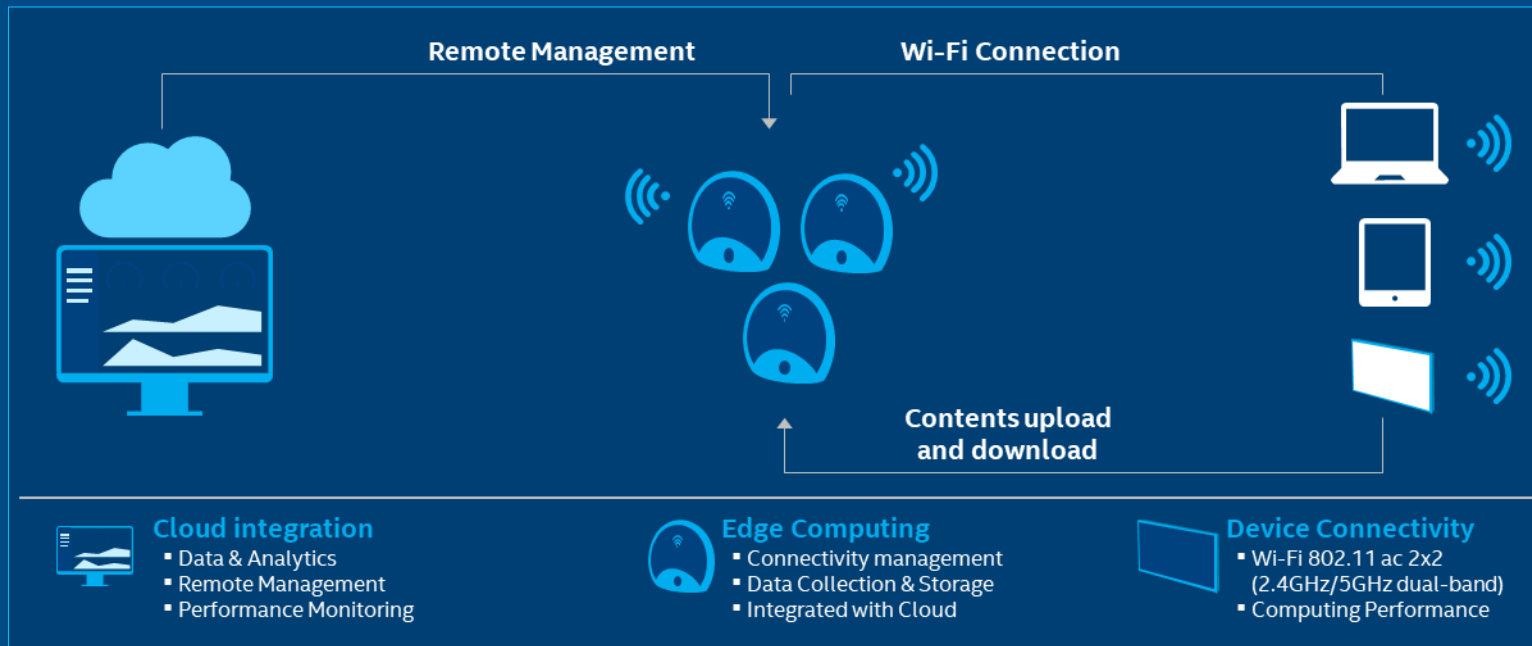
Resources

Elitegroup Computer Systems Co., LTD. Solutions are described at:
<https://www.ecs.com.tw/ECSWebSite/index/EN/Home>

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [User Guide](#)
- [ORDER here](#)



Gorilla IVAR Analytics Appliance, Powered by BCDVideo (Basic/Premium)



Kit Overview

Gorilla IVAR real-time analytics gives insight into business and operations. Protect your business with event-based solutions that effectively search and track people, vehicles, and objects

- Detect suspicious behavior
- Search, find, and track people, vehicles, and objects
- Build watchlist based on suspicious activity

Value Prop

- Improve security with the ability to detect suspicious events with behavior analysis and facial recognition
- Integrate easily with reliable and scalable architecture that works with most IP cameras or existing surveillance system
- Enhance insight into your business with video analytics

Geo & Purchase Contacts

Availability: Europe, Americas, Southeast Asia, APJ, PRC, ANZ, (Premium also available in Africa/Middle East)

Partner contact:

winniakvinton@gorilla-technology.com

sales@bcdvideo.com

Relevant Verticals

(click to see full list of kits for each vertical)

Hospitality

Retail

Government

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel component: Intel® Core™ i7-8700, Intel® Xeon® Gold (Premium only) Intel® Distribution of OpenVINO™ toolkit, Intel® Movidius™ Myriad™ X (Basic only)

Software: Gorilla Smart Surveillance Software

Basic Hardware: 2x BCDSF01-GOR-817-2TB-2

Premium Hardware: BCD208X-GOR-134-12T-4, BCDSF01-GOR-817-2TB-2

OS: Ubuntu 16.04 or Windows

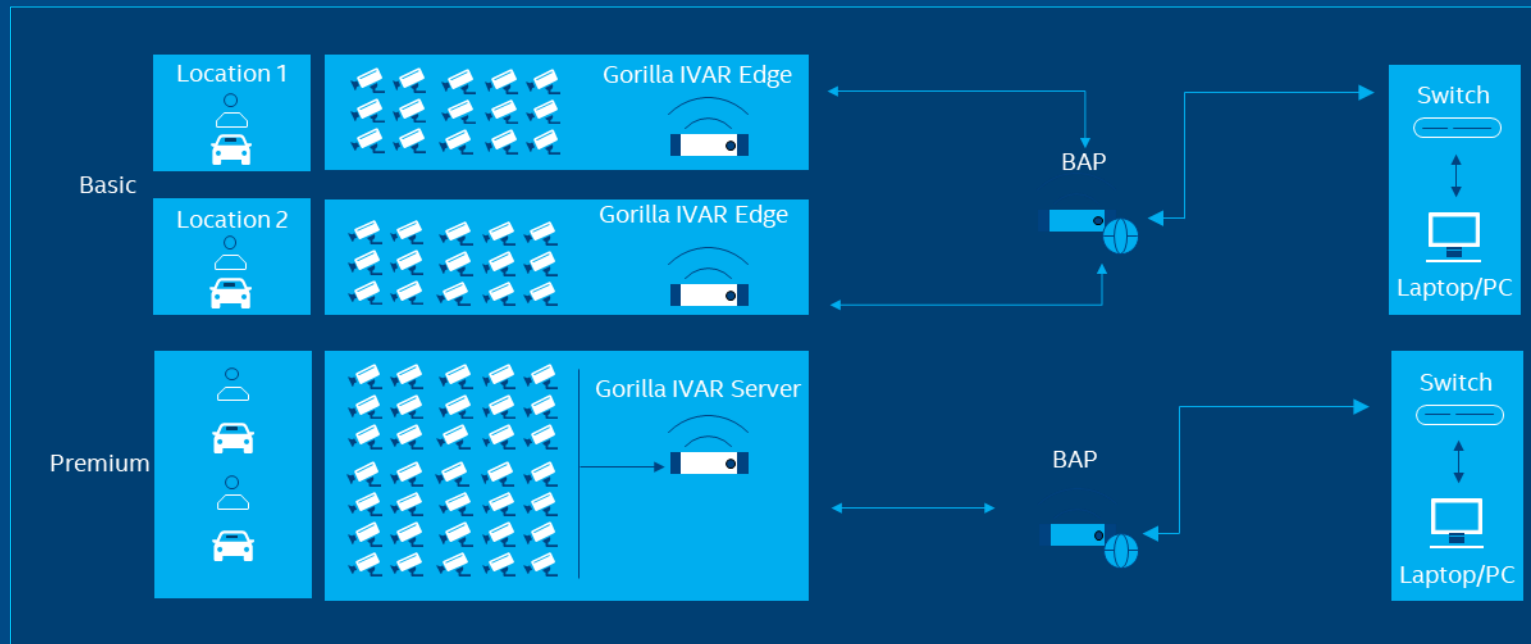
Learn more

Gorilla solutions are described at: gorilla-technology.com

For more information visit the following:

BCDVideo solutions are described at: BCDVideo.com

[Kit Introduction](#)
[Product Page](#)
[ORDER Gorilla Software](#)
[ORDER BCDVideo Hardware](#)



AAEON Up Squared RoboMaker Developer Kit



Kit Overview

Powered by the Intel® Distribution of OpenVINO™ toolkit the RoboMaker is a reference development kit designed to build autonomous mobile robots (AMR).

- UP Bot simulation
- Voice commands
- Navigation and person recognition

Value Prop

- Reduce time to deployment with a complete solution stack, including
- Scale easily with a highly customizable and upgradable kit
- Extend the open-source robotics software framework, ROS, with connectivity to cloud services

Geo & Purchase Contacts

Availability: EMEA, Americas, SEA, APJ, PRC, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
alingwu@aaeon.eu

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Hospitality

Relevant Use Cases

(click to see full list of kits for each use case)

Product Inspection

Situational Monitoring

Asset & Operations Optimization

Kit Components

Intel component: Intel® Apollo Lake CPU, Intel® Movidius™ Myriad™ X, Intel® RealSense™ Camera, Intel® Distribution of OpenVINO™ toolkit
OS Support: Ubuntu
CSP: Amazon Web Services
Software: AWS RoboMaker
Hardware: UP Squared board, RealSense D435i Camera, AI Core X Mini PCIe

Learn more

AAEON solutions are described at: [AAEON website](#)

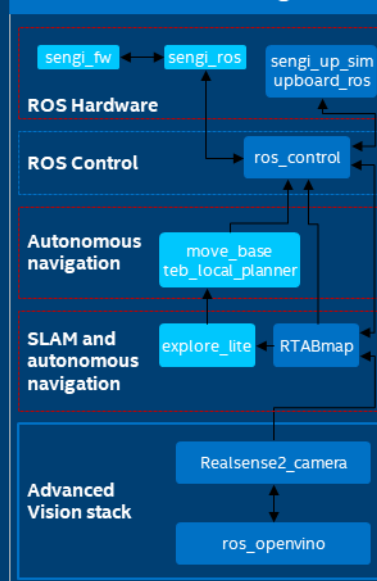
To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit:

- [Data Sheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [AWS Simulation](#)
- [AWS RoboMaker](#)
- [UPM Sensors](#)



Software block diagram



Xvisio vSLAM Edge Computing Solution for AR Glasses and Robotics



Kit Overview

Powered by Intel® Movidius™, this kit offers high-speed vSLAM and AI capabilities on the edge for AR glasses, and tracking and navigation of robotics and AGV applications

- Mapping and navigation with computer vision
- Obstacle avoidance and recognition

Value Prop

- Deploy easily with a cost-effective complete solution for quick product integration
- Customize sensor configuration for specific applications with a flexible, AI-ready platform
- Install anywhere with a space saving and battery operational design

Geo & Purchase Contacts

Availability: Africa/Middle East, Europe, Americas, Southeast Asia, APJ, PRC, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
cindy.hu@xvisiotech.com.cn

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Machine Condition Monitoring

Logistics & Tracking

Product Inspection

Control Optimization & Autonomy

Kit Components

Intel component: Intel® Movidius™ Myriad™ 2, Intel® Movidius™ Myriad™ X, Intel® Distribution of OpenVINO™ toolkit, Intel® Movidius™ Neural Compute SDK/SDK2

OS: Windows, Ubuntu, Android, ROS

Software: vSLAM components

Hardware: 2 fisheye cameras, RGB camera, TOF depth camera, IMU

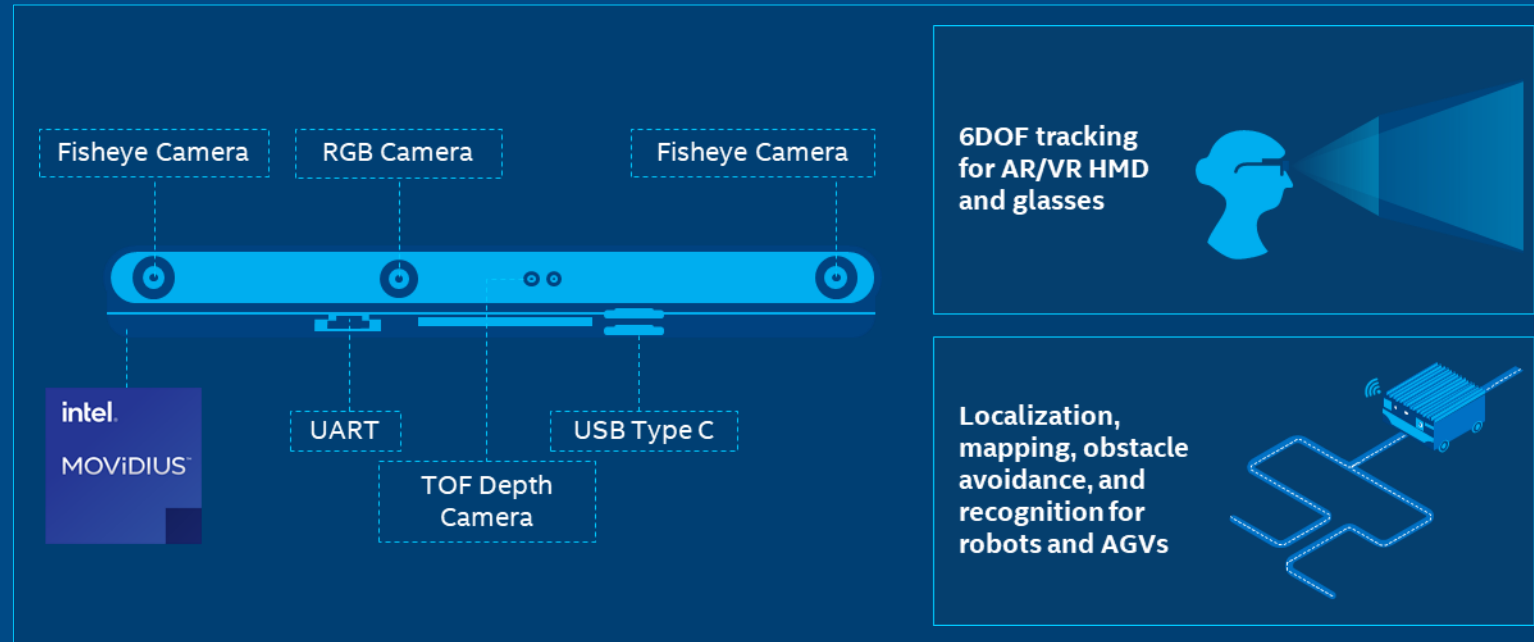
Learn more

IEI XvisioTech solutions are described at: xvisiotech.com

To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit the following:

- [Datasheet](#)
- [ORDER here](#)



JWIPC Smart Retail & Vending Kit



Kit Overview

The Smart Retail & Vending Kit is an interactive vending kiosk with computer vision that allows individuals to open the vending machine door, choose a desired SKU, and close the door. Payment is done automatically once the door is closed.

- Weighting sensor management
- Facial recognition

Value Prop

- Reduce equipment costs and increase space for SKUs with computer vision technology
- Improve user experience with the freedom to choose your desired SKU or change SKUs before shutting the door

Geo & Purchase Contacts

Availability: PRC

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
zhuxingzi@jwele.com.cn

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Logistics & Tracking

Kit Components

Intel Component

- Intel® Skylake CPU core i5, Intel® Distribution of Intel OpenVINO™ toolkit, Intel® Media SDK

JWIPC Hardware

- Industrial Gateway M055

Software

- JD.com

Cloud Service Provider

- JCloud

Operating System

- Ubuntu

Learn more

JWIPCKits are described at: www.jwipc.net

To learn about Intel IoT kits visit:

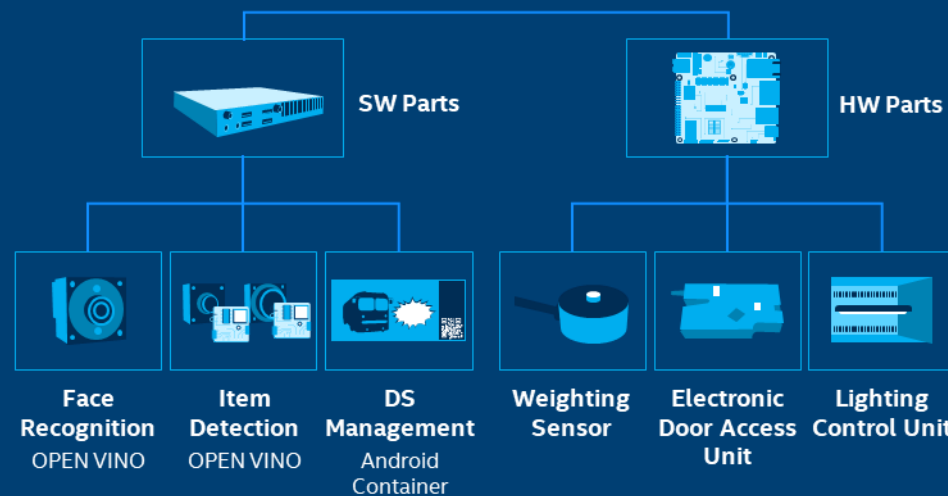
[Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [API 2F](#)
- [User Guide](#)
- [ORDER here](#)
- [API 1Y](#)



Retail – Smart Vending RRK



ASUS Intelligent Edge Solution for Smart Retail



Kit Overview

ASUS Intelligent Edge Solution for Smart Retail is an AI edge-computing solution with a versatile computer and exclusive software. When combined with an IP or USB camera the kit supports services such as device management, remote monitoring and control, and data visualization.

Value Prop

- Uncover new insight on customer traffic and in-store behavior
- Ensure optimal performance even in harsh conditions with a solution that adapts to the surrounding environments
- Maintain GDPR compliance with a solution that does not capture, store, or process personal information

Geo & Purchase Contacts

Availability: Africa/Middle East, Europe, America, Southeast Asia, Asia/Pacific/Japan, PRC, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
chiaohui_chang@asus.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Retail

Education

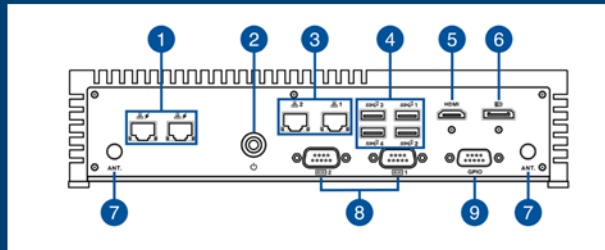
Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

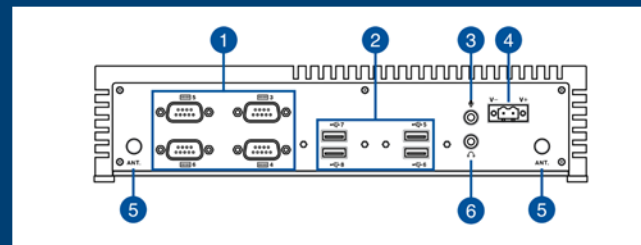
Situational Monitoring

Front View



- | | |
|----------------------|--------------------------|
| 1.LAN port with PoE | DisplayPort |
| 2.Power Button | 7.Antenna hole |
| 3.LAN Port | 8.Serial (COM) connector |
| 4.USB 3.2 Gen 2 port | 9.GPIO connector |
| 5.HDMI port | |
| 6.Dual-mode | |

Rear View



- | | |
|---|------------------|
| 1.Serial (COM) connector (on selected models) | 4.Power input |
| 2.USB 2.0 Port (on selected models) | 5.Antenna hole |
| 3.Microphone | 6.Headphone jack |

Kit Components

Intel Component

- Intel® Core™ i7/i5/i3, Intel, and the Intel® Distribution of OpenVINO™ toolkit

ASUS Hardware

- ASUS PE200U

Software

- ASUS IEC Vision

Cloud Service Provider

- Microsoft Azure

Learn more

ASUS kits are described at their website [here](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [ORDER here](#)

Honeywell MAXPRO VMS and MAXPRO NVR



Kit Overview

- This kit is an open, flexible, and scalable IP video surveillance system that uses Honeywell cameras to provide high-definition IP recordings.
- Simple and logical configuration
 - Easy to use web clients and mobile apps
 - Intuitive integration

Value Prop

- Develop more valuable insights with improved analytic recognition of face detection
- Improve video processing performance by providing faster processing of more video through Intel technology
- Maintain compliance with technology that follows data privacy guidelines such as GDPR

Geo & Purchase Contacts

Availability: EMEA, Americas, SEA, APJ, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
SecurityEcosystem@honeywell.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Hospitality	Health & Life Sciences
Energy	Retail	Other
Transportation		

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring	Asset & Operations Optimization	Logistics & Tracking
------------------------	---------------------------------	----------------------

Kit Components

Intel Component

- Intel® Distribution of OpenVINO™ toolkit, Intel® Xeon® Silver 4110, Intel® Core™ i7

Software

- MAXPRO VMS, NVR
- ### Operating System
- Windows

Honeywell Hardware

- MAXPRO Network Video Recorder (NVR) PE, Dell R540 Server, Client Workstation

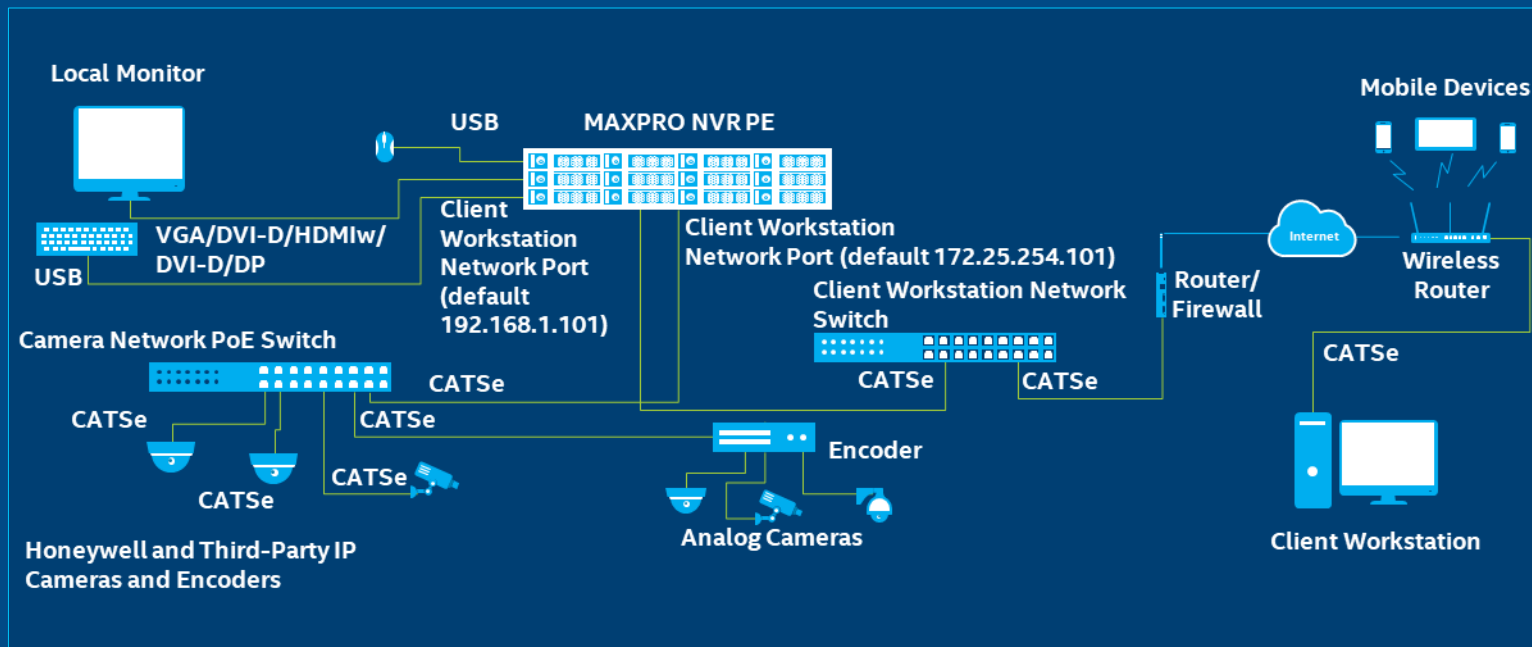
Learn more

Honeywell kits are described at: [Honeywell website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK request](#)
- [ORDER here today](#)



Vecow Smart Factory Solution (SFS)



Kit Overview

Vecow's Smart Factory solution allows customers to unleash the power of factory data by extracting real-time data from machine controllers. The machine data aggregated by the solution can help customers optimize their industrial process to maximize efficiency and save on excess waste.

Value Prop

- Save on manufacturing costs with a predictive maintenance solution that can help avoid costly rework
- Gather real-time machine data with a solution that aggregates large amounts of real-time machine data
- Optimize factory processes by remotely analyzing utilization rates, machine downtime, and other KPIs

Geo & Purchase Contacts

Availability: Taiwan, China, Germany, India, Thailand, Denmark

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Kev.wang@vecow.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy

Logistics & Tracking

Asset & Operations Optimization

Kit Components

Intel Component

- Intel® Core™ i7/i5/i3 processor

Vecow Hardware

- Vecow SPC-5600

Software

- Device Management is based on Teamviewer, Zoom, and Anydesk

Cloud Service Provider

- AWS, Microsoft Azure, Other

Operating System

- Windows, Ubuntu

Learn more

Vecow kits are described at: [Vecow Website](#)

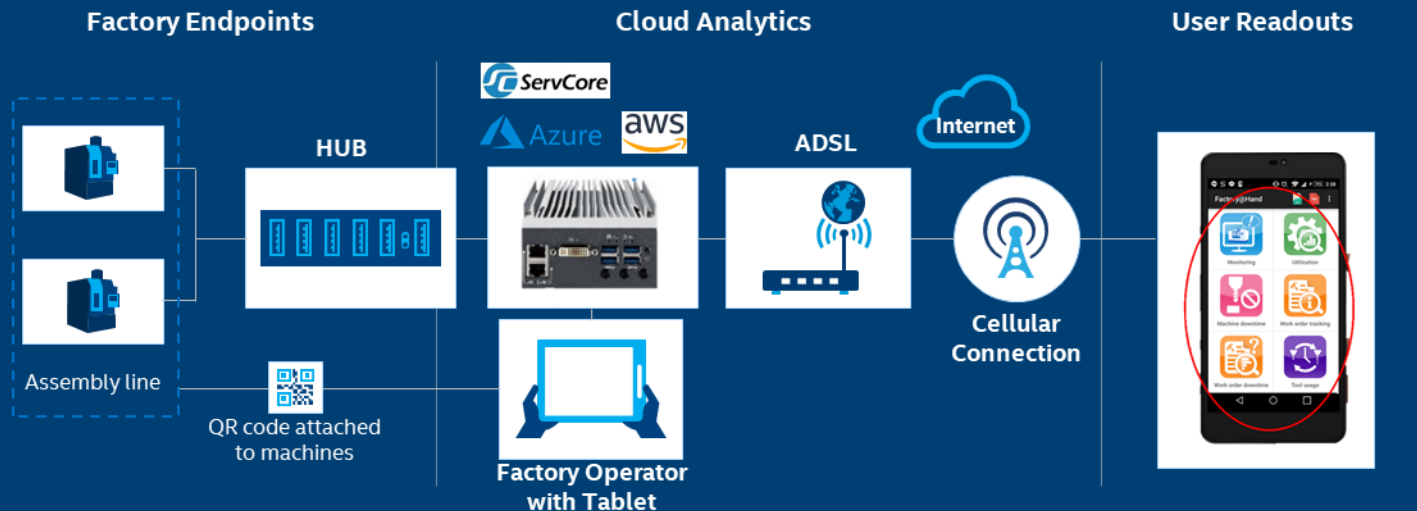
To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [API/SDK](#)
- [ORDER here today](#)

Data collection on the factory floor

Data aggregation/analysis/presentation



Kontron TSN Real Time ETH Switch



Kit Overview

A hardware and software upgrade solution for existing PLCs, box PLCs, gateways, and industrial servers. This kit offers easy entries into time sensitive networking and facilitates the easy integration of endpoint devices into a TSN network.

- Flexible FPGA Card Design
- preinstalled TSN platform

Value Prop

- Reduce time to deployment with a ready-to-go solution
- Scale easily and increase flexibility with a modular series structure
- Reduce repair costs and ensure a prolonged product lifespan with a maintenance free design

Geo & Purchase Contacts

Availability: Europe; Americas

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

eleonore.arlart@kontron.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Kit Components

Intel Component

- Intel® Core™ Model i5-4300U, Intel® HD Graphics 4400

Operating System

- Linux

Gateway

- HPE GL20 IoT

Learn more

Kontron kits are described at: [Kontron Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [North America Order Request](#)
- [Global Order Request](#)



LIPS Path Planning (for Automated Plasma Spray System)



Kit Overview

A path planning kit that guides maneuvering strategies with an integrated 3D camera and proprietary algorithm to plan a path for robotic arms in an automated plasma spray system enabling high quality and efficient surface processing

Value Prop

- Mitigate health risks with a system that utilizes robotic arms to administer potentially hazardous materials
- Cut labor costs by automating repetitive manufacturing and quality control tasks
- Improve product efficiency and quality through streamlined, vision-controlled processes that can reduce human error

Geo & Purchase Contacts

Availability: Africa/Middle East, Europe, Americas, Southeast Asia, Asia/Pacific/Japan, PRC, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
meilu@lips-hci.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy

Kit Components

Intel Component

- Intel® RealSense™, Intel® Core™ i5 processor
- LIPS Hardware**
- 3D depth active stereo camera, USB cable, USB HUB, Key Pro, IPC
- Cloud Service Provider**
- Other

Software

- LIPS Path Planning Software, PLC Communication software, Movement path generator, Fanuc robot controller communication software

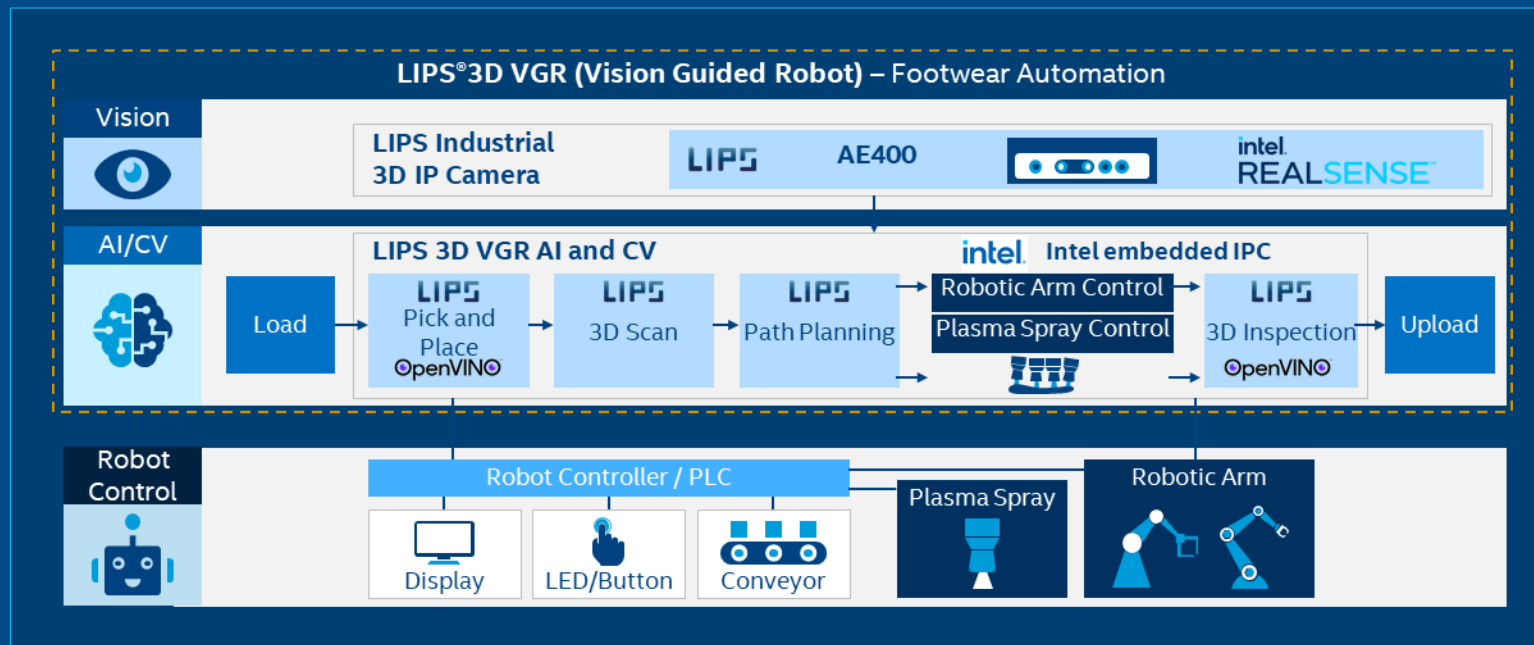
Operating System

- Windows

Learn more

LIPS kits are described at: <https://www.lips-hci.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)



IOTECH Open IoT Edge Platform



Kit Overview

An open solution for retail, manufacturing, and industrial systems that combines an IoT Platform with integrated computer vision and multi-application provisioning. The solution supports local analytics, decision making, and cloud-based application provisioning that simplifies application lifecycle management in retail.

Value Prop

- Simplify the connection and management of data sources and applications with a flexible, open solution
- Ingest, normalize, aggregate process, and analyze device and sensor data and respond to results in real time

Geo & Purchase Contacts

Availability Europe; America

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
steve.jennis@iotechsys.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Logistics & Tracking

Kit Components

Intel Component

- Intel® Core™ i3, i5, & i7, Intel® Xeon® E and Intel® Pentium® processors, Intel® Celeron®, and Intel® Distribution of OpenVINO™ toolkit

IOTECH Hardware

- Dell Optiplex XE3 and 3930 Rack Workstation, HP MP9 Retail Server

Software

- IOTech's Edge Xpert IoT Platform, Spirit Edge Management

Cloud Service Provider

- Private/On-Premises

Operating System

- Ubuntu, SUSE*

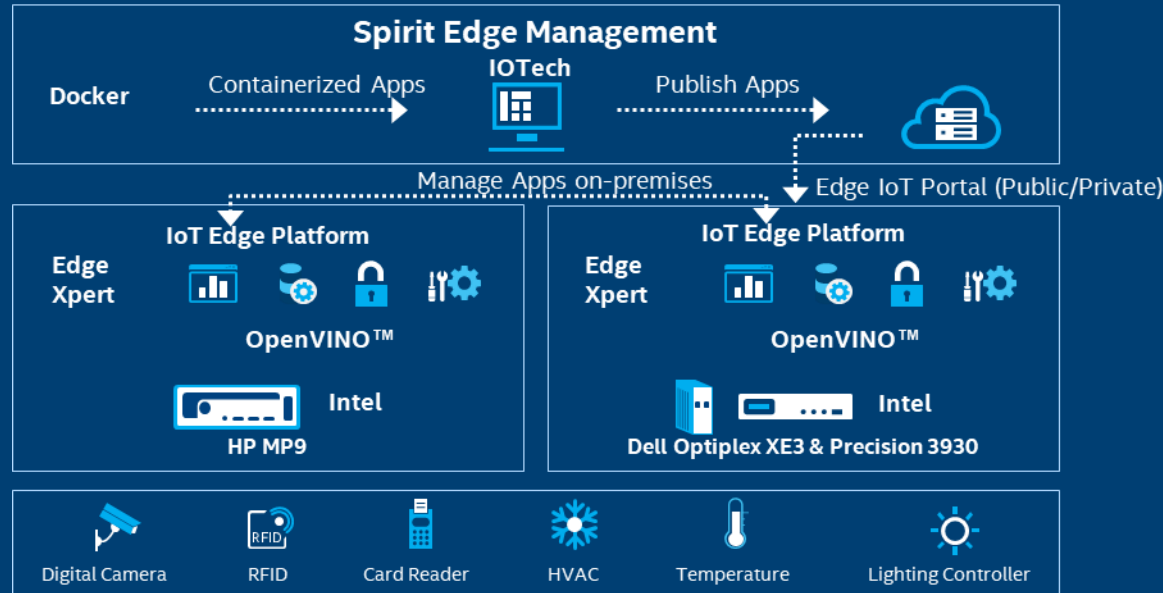
Learn more

IOTECH kits are described at: [IOTech website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [User Guide](#)
- [Configuration Guide](#)
- [ORDER request](#)



Gorilla In-Store Analytics, Powered by BCDVideo

Kit Overview

Gorilla In-Store Analytics collects intelligent analytical data from video sources and is an essential tool to gain business insights of single to multi-store floor spaces and improve store management. The kit delivers shopper demographics, (gender and age), people counting, and shopper identification to retail and hospitality industries

Value Prop

- **Enhance insight into your business** with video analytics, enabling you to understand your customer's behavior with: people counting, merchandise activity, aisle traffic, dwell time as well as age & gender analysis
- **Access data easily** with a cloud service and web-based user interface that operates across several devices

Geo & Purchase Contacts

Availability: Europe, Americas, Southeast Asia, Asia/Pacific/Japan, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
winniekvinton@gorilla-technology.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel Component

- Intel® Core™ i7-8700

Gorilla Hardware

- IVAR Edge - BCDSF01-GOR-817-2TB-2

Software

- Intel® Distribution of OpenVINO™ toolkit

Operating System

- Ubuntu 16.04 or Windows 10 64 bits

Learn more

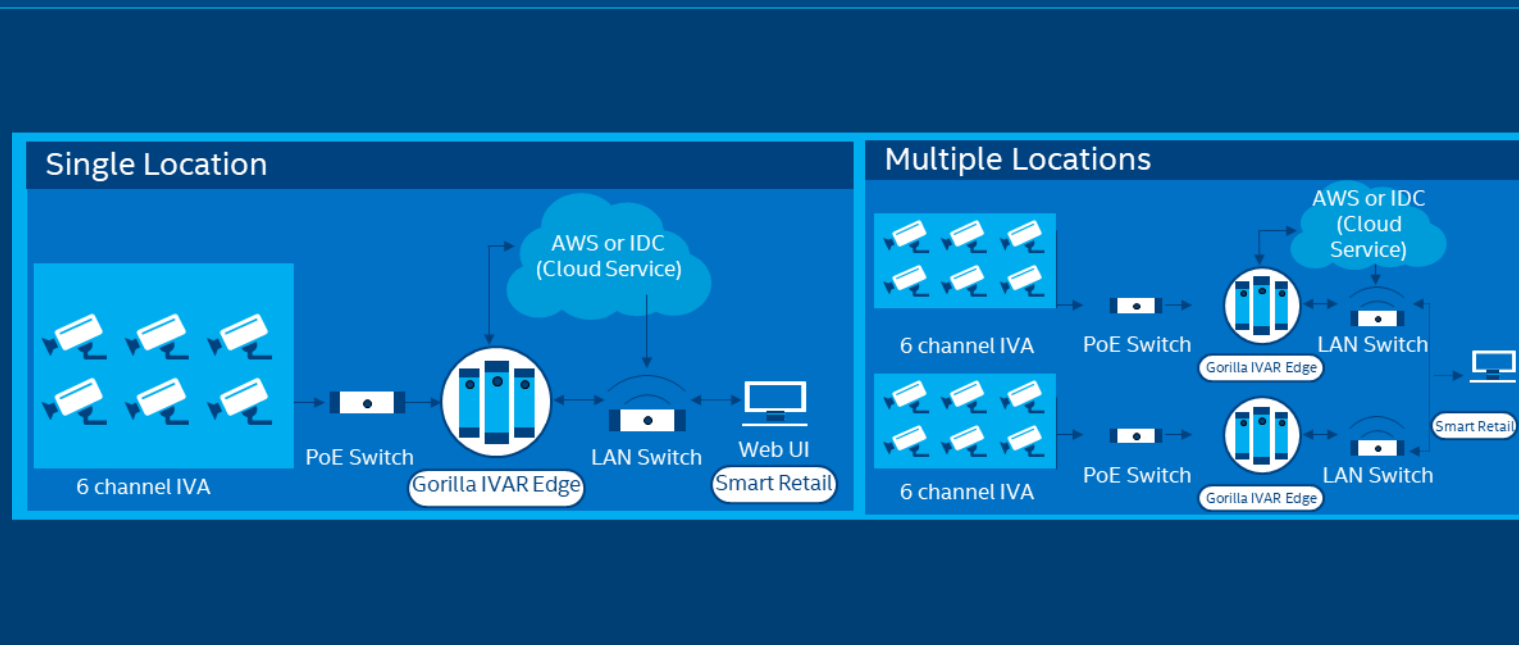
Gorilla solutions are described at: gorilla-technology.com

BCDVideo solutions are described at: BCDVideo.com

To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [Gorilla ORDER request](#)
- [BCDVideo ORDER request](#)



Softdel Systems Edifice Edge Platform



Kit Overview

Softdel's EdificeEdge based on Intel's Edge Insights for Buildings, is an advanced data aggregation platform that delivers real time and historical data for improving building performance. The platform addresses specific building operators for midsize and large-size commercial buildings.

Value Prop

- **Enable new services** with mix/match protocols, applications, and a flexible container-based architecture
- **Protect aggregated data at rest** with advanced security and authentication procedures
- **Upscale hardware as needed** with a flexible container-based architecture that can add high compute nodes within the same stack

Geo & Purchase Contacts

Availability Africa/Middle East, Europe, Americas, Southeast Asia, Asia/Pacific/Japan, PRC, Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
swapnil.kulkarni@softdel.com

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel Component

- Edge Insights for Buildings framework, ODM gateway w/ OS, Intel Atom® processor, Intel® Core™ processor, Intel® Xeon® processor

Operating System

- Ubuntu 16.04 Server (LTS)-64-bit

Softdel Hardware

- Choose appropriate variant depending on Edge compute and edge storage requirements

Software

- BACnet/Modbus Container, Haystack Container, Web UI for data point configuration

Learn more

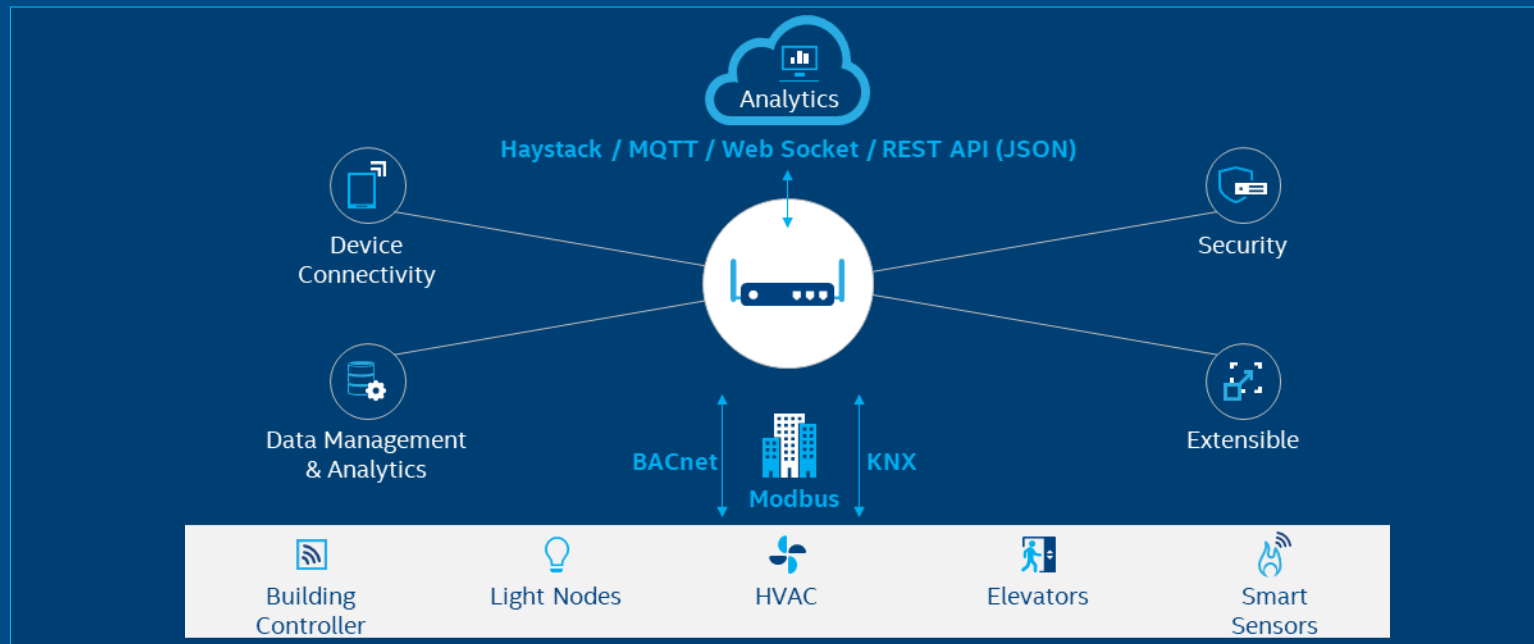
Softdel kits are described at: <https://www.softdel.com>

To learn about Intel IoT kits visit:

[Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [Configuration Guide](#)
- [ORDER here today](#)



Atlas RFID Store Intel RSP H3000 Integrated RFID Reader Development Kit



Kit Overview

The solution is a low-cost platform for developing and deploying RFID-based applications. The Intel® RSP H3000 Integrated RFID Reader is an easy-to-install, overhead sensor that collects accurate inventory information. Designed to work stand-alone, or as a “plug-and-play” solution where additional readers can easily be added.

Value Prop

- Reduce cost of implementation by offering an affordable RFID reader and configuration options that reduce necessary hardware and software programming/applying settings
- Deploy easily with all essential hardware and software needed to begin collecting accurate information

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
partners@atlasrfidstore.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Kit Components

Intel Component

- Intel® Core™ i3 processor, Intel® NUC, Intel® RSP H3000 Integrated RFID Readers

Atlas Hardware

- Intel NUC Core i3 Edge Computer

Software

- RSP Software Toolkit
- ### Cloud Service Provider
- Private/On-Premises
- ### Operating System
- Windows 10 IoT*

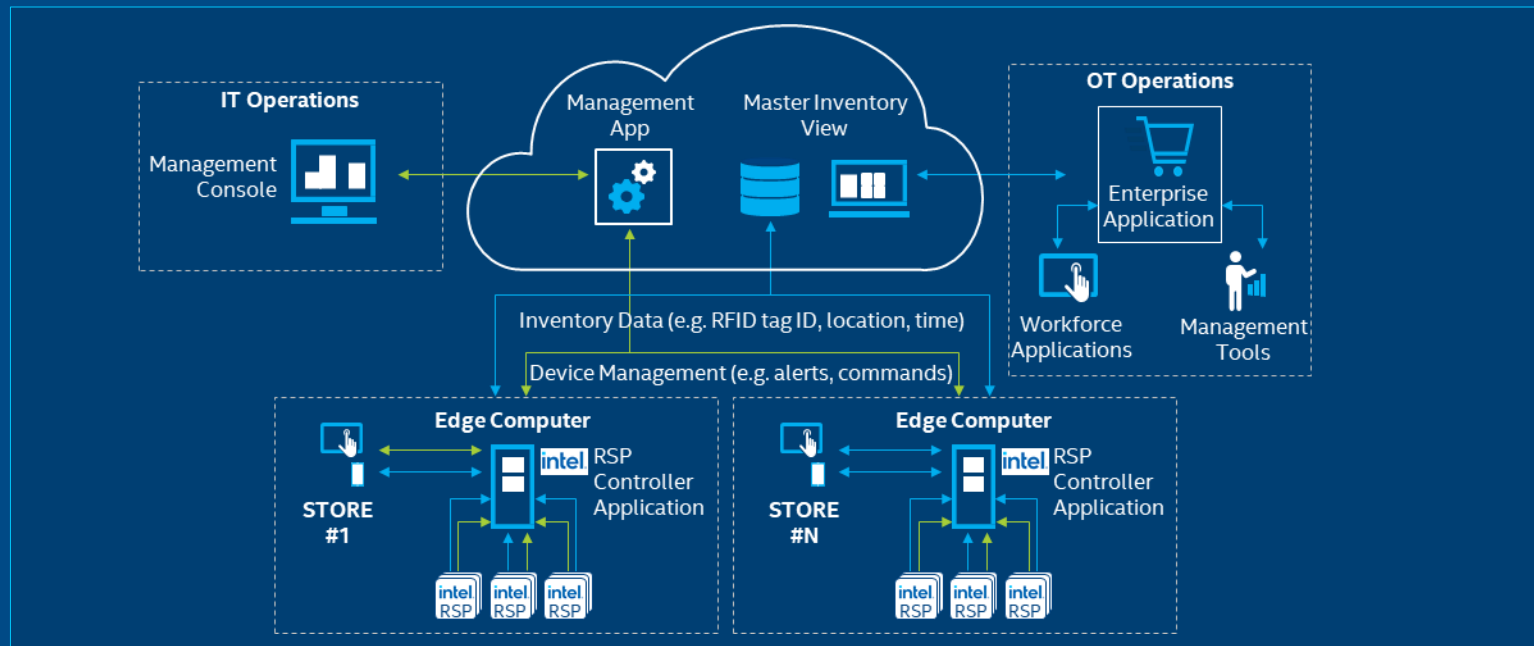
Learn more

atlasRFIDstore solutions are described at:
<https://www.atlasrfidstore.com/>

To learn about Intel IoT solutions visit: [Intel IoT Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here today](#)



Yanzhi Ali LinkVisual NBox



Kit Overview

- The Ali LinkVisual Nbox is a video cloud platform that offers storage, forwarding capabilities, and AI functions on video streams.
- Video intelligence
 - Video data transmission channel encryption
 - Cloud connection solutions for video devices

Value Prop

- Increase performance with high stability and high concurrent platform capability
- Enhance security with video data transmission channel encryption to prevent data leakage
- Improve efficiencies with online video algorithm labeling, training, and configuration delivery tools

Geo & Purchase Contacts

Availability: PRC
Intel contact:
rfp.ready.kits@intel.com
Partner contact:
gth@rt-ics.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Government

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel Component

- Intel® Distribution of OpenVINO™ toolkit, Intel® Core™ i5-6500 Pro

Yanzhi Technology Hardware

- NBox

Software

- Ali Link Edge
- Cloud Service Provider**
 - Alibaba Cloud
- Operating System**
 - OS with docker support

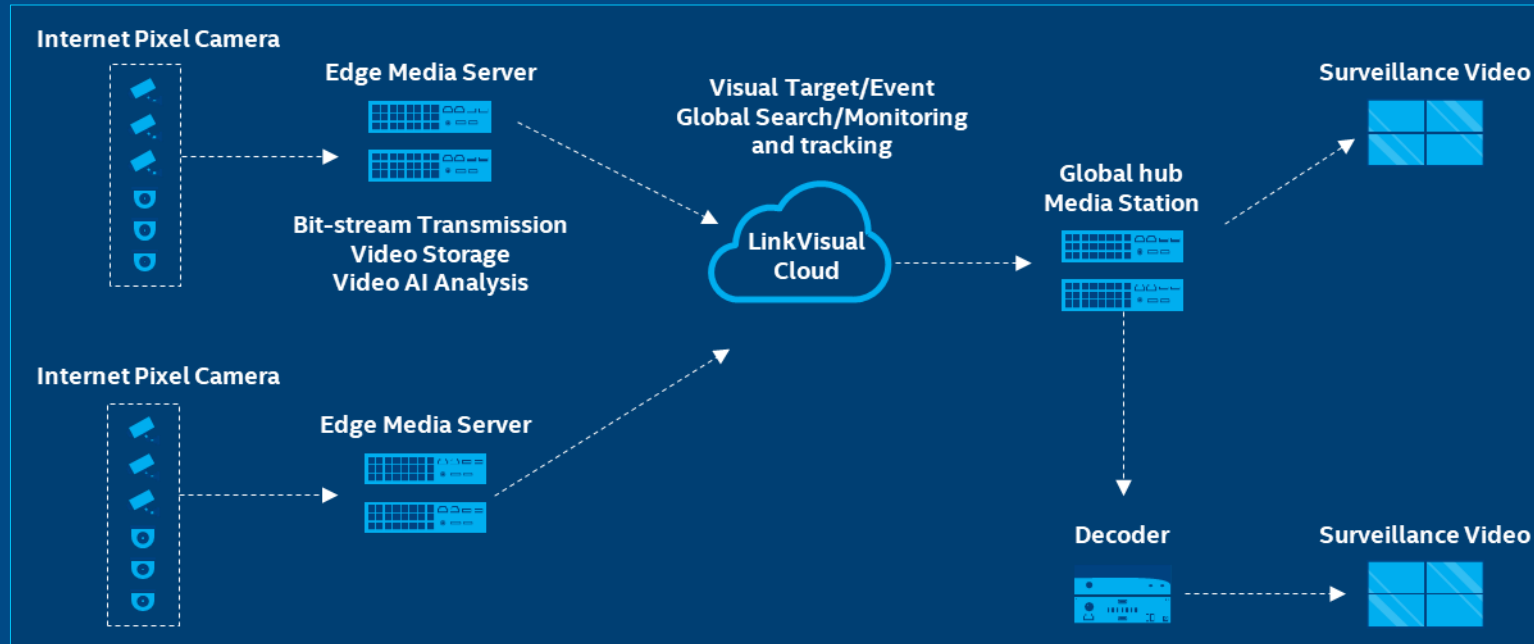
Learn more

Yanzhi Technology solutions are described at: <http://www.rt-ics.com/index.html>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here](#)



Volteo Inventory and Asset Management Via RFID



Kit Overview

Volteo combines Intel's state-of-the-art RFID technology with AxonEdge to provide powerful, manageable, and cost-effective intelligent edge asset and inventory management—addressing discrepancies as they happen to correct them before they accumulate to ensure accuracy.

Value Prop

- Capture and correct inevitable discrepancies between centralized information systems and what's happening in your business as they occur
- Track asset/inventory locations, movements, and counts with intelligent edge systems

Geo & Purchase Contacts

Availability:
Europe; Americas; Southeast Asia

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
iotsales@volteo.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Kit Components

Intel Component

- Intel® RSP H3000 RFID Reader, Intel® NUC powered by Intel® Core™ i7 processors

Volteo Hardware

- PoE+ Switch unifi 8-150W; Edge router Ubiquiti EdgeRouter X

Software

- Volteo AxonEdge
- **Cloud Service Provider**
- Amazon Web Services
- **Operating System**
- Ubuntu

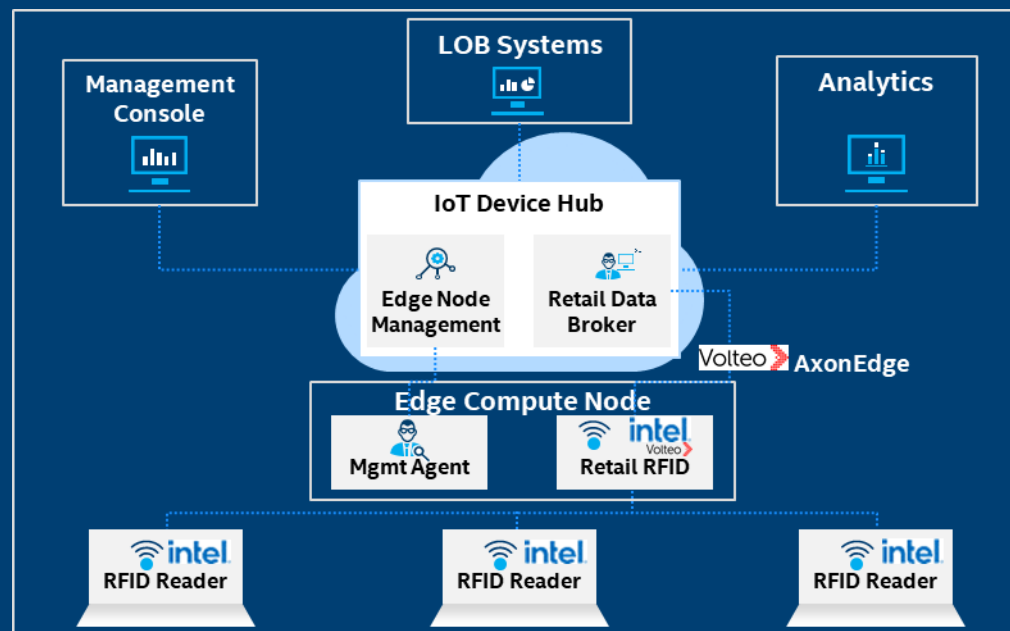
Learn more

Volteo solutions are described at:
<http://www.volteo.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Sales Info](#)
- [Additional Docs](#)
- [White Paper](#)
- [Volteo website](#)
- [Solutions Alliance Page](#)
- [ORDER here](#)



ADLINK ROS2 Autonomous Mobile Robot Controller ROScube



Kit Overview

A robotic development platform to help the creation of robot applications in professional-use service robots. The kit can be used to guide autonomous mobile robots and autonomous mobile industrial robots

Value Prop

- Easily integrate application requirements with tools, module portfolios, and a compatible environment included with the kit
- Reduce end-to-end expenditure from purchase to disposal, including expected costs of service, and a decreased warranty
- Enhance communications from a system that connects multiple device via DDS

Geo & Purchase Contacts

Availability: Europe, Americas, APJ, PRC

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
bill.wang@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Control
Optimization &
Autonomy



Wide range DC input

- 9~36 V

Standalone Ethernet

- 2 Ethernet ports

Fruitful I/O

- 4 COM port
- 8 USB
- 40 I/O (CAN/GPIO)

Rugged USB ports

- 2 lockable USB

Kit Components

Intel Component

- Intel® Core™ i7/i5/i3 processors, Intel® Xeon® processors

ADLINK Hardware

- ROScube - I

Software

- Original ROS/ROS 2 environment, ADLINK Neuron SDK, Intel® Distribution of OpenVINO™ toolkit

Cloud Service Provider

- AWS

Operating System

- Other

Learn more

ADLINK solutions are described at: www.adlinktech.com

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Product Page](#)
- [Deployment Details](#)
- [ORDER here](#)

IBASE AI Education Platform



Kit Overview

Comprehensive AI deep learning and edge computing solution for educational providers to collect student's behavior and engagement data using facial recognition. Facial recognition AI can interpret student data to be quantifiable allowing educators to provide efficient teaching in educational environments.

Value Prop

- Tailor lesson plans to increase student engagements with key insights gathered from AI facial recognition
- Track behavioral data with AI image analysis through facial recognition to understand and improve student experiences

Geo & Purchase Contacts

Availability: Global

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
alice@ibase.com.tw
*If there are strict privacy laws or security concerns facial recognition can be removed

Relevant Verticals

(click to see full list of kits for each vertical)

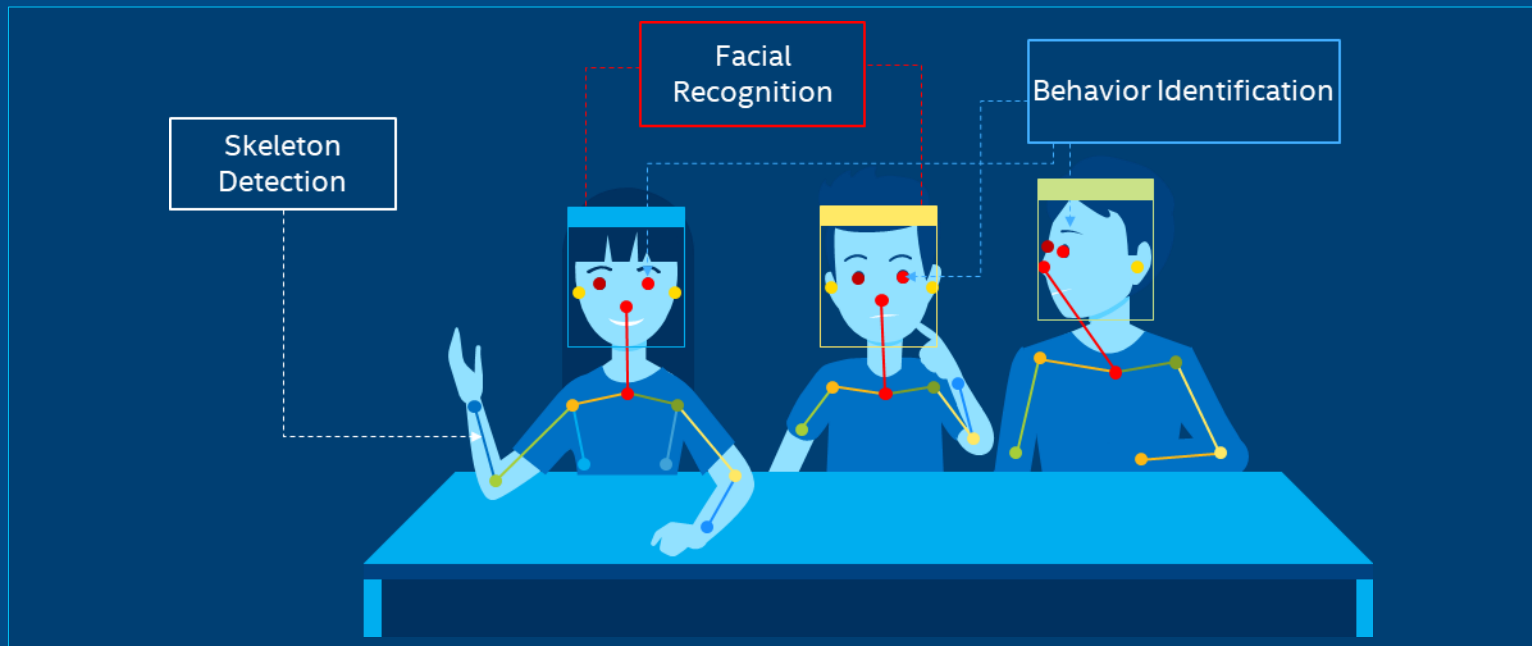
Education

Relevant Use Cases

(click to see full list of kits for each use case)

Situational
Monitoring

Logistics &
Tracking



Kit Components

Intel Component

- Intel® Core™ i7/i5/i3 processors, Intel® Movidius™ Myriad™ X (option)

iBASE Hardware

- IBASE SI-62S system, Yuan SC550N4, 3G-SDI Full HD Camera

Software

- Intel® Distribution of OpenVINO™ toolkit, Yuan AI QDEEP SDK

Cloud Service Provider

- Private/On Premises

Operating System

- Windows

Learn more

IBASE kits are described at: [iBASE website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here](#)

UP AIM2 Retail Suite



Kit Overview

A ready-to-go kit for unknown identity tracking and monitoring of how a person interacts with specific brands in a retail store environment

- Real-time video analysis on the edge
- GDPR compliant
- Preloaded AIM2 Retail Suite software

Value Prop

- Improve insight on customer preferences by extracting identities, demographics, engagements, and behaviors
- Inform strategic business decisions on product placement and product inventory by identifying how a person interacts with brands

Geo & Purchase Contacts

Availability: Americas, EMEA, APJ, ASEAN, PRC, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
alingwu@aaeon.eu

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Logistics & Tracking

Kit Components

Intel Component

- Intel® Distribution of OpenVINO™ toolkit, Intel® Movidius™ Myriad 2, Intel Atom® x7-E3950

Software

- AIM2 Retail Suite

UP Hardware

- UP Squared Board, UP HD Camera, UP AI Core X, power supply

Cloud Service Provider

- Microsoft Azure and Amazon Web Services

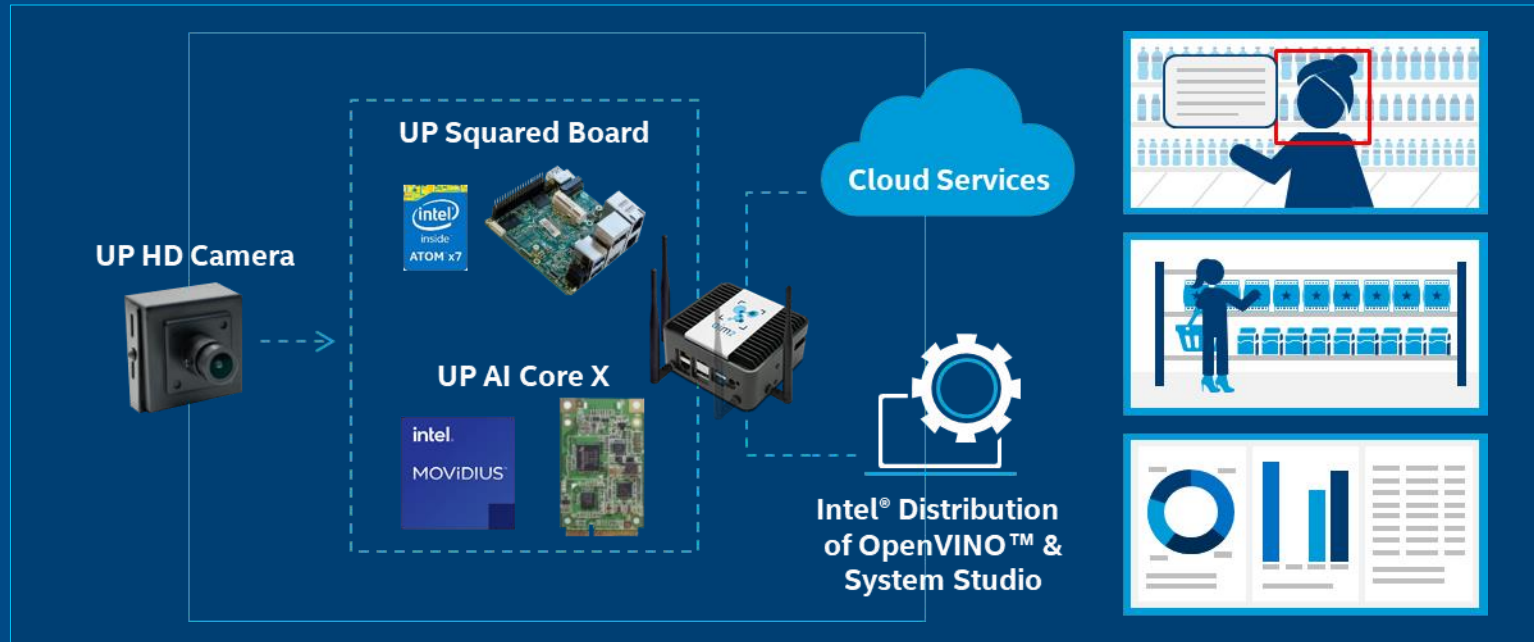
Learn more

UP solutions are described at:
www.up-shop.org

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [ORDER here](#)



Stratus Technologies ZTC Edge Solution



Kit Overview

Stratus Technologies ztC Edge Solution is a zero-touch, reliable, secure, highly automated computing platform, specifically designed for industrial edge environments

Value Prop

- **Increase efficiency** by simplifying and shortening time to deployment with a virtualization host, data protection, and swappable nodes
- **Improve security** with restricted USB ports, secure communication, active integration, and easy to configure firewall
- **Reduce Downtime** with ztC Edge's self-monitoring and self-protecting features

Geo & Purchase Contacts

Availability: Globally available

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Rudy.deAnda@stratus.com

Relevant Verticals

(click to see full list of kits for each vertical)

Energy

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Energy Monitoring & Management

Kit Components

ztC Edge 100i – medium capacity

Intel | Intel® Core™ i7-6700TE

OS | Windows and Linux

ztC Edge 110i – high capacity (includes fault tolerance)

Intel | Intel® Core™ i7-8700T

OS | Windows and Linux

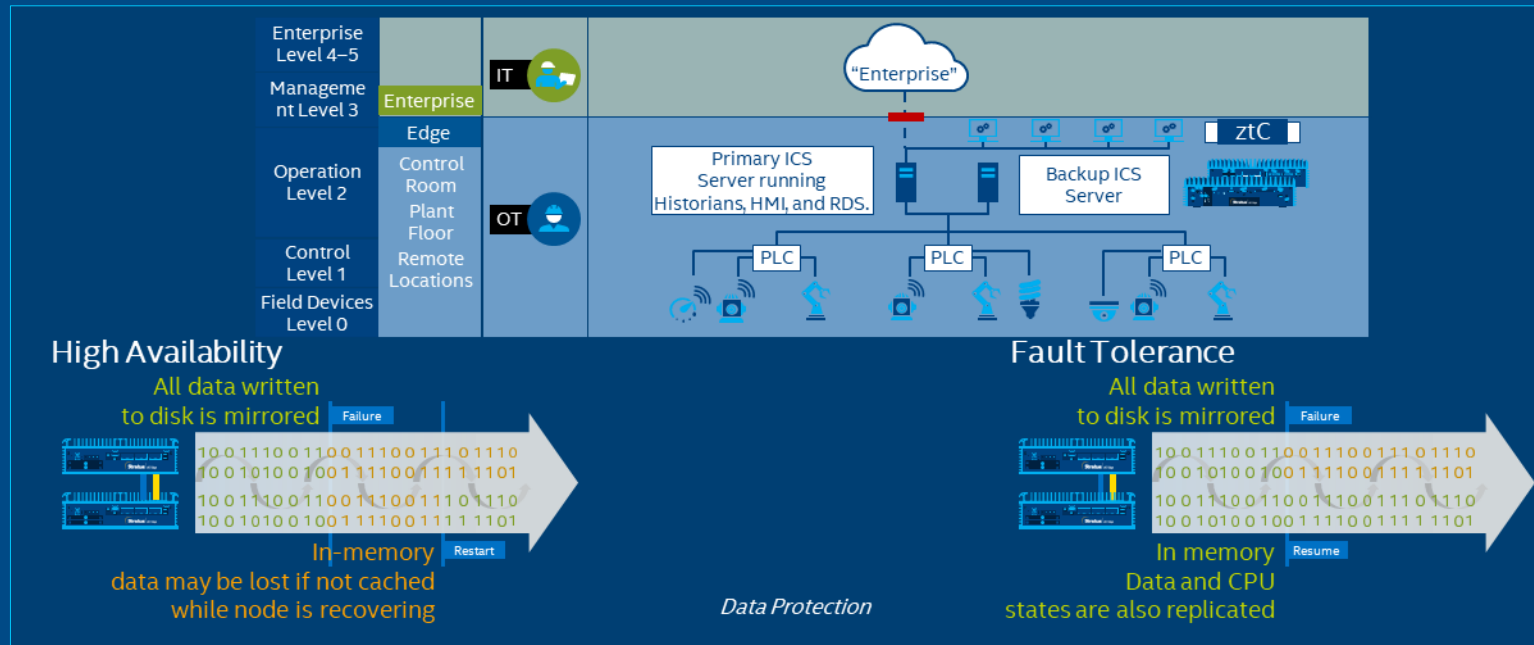
Learn more

Stratus Technologies solutions are described at: <https://www.stratus.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [ORDER here](#)



IPG Gearbox



Kit Overview

Gearbox is an appliance that monitors and manages Industrial IoT devices and networks

- IIoT device inventory and health checks
- IIoT network services
- On-premise caching for firmware upgrades
- Gateway and secure transport services

Value Prop

- Improve security with encryption and secure gateway services for IIoT devices and networks
- Enhance performance with on-premises caching and staging for critical maintenance and management operations
- Optimize functionality by synchronizing the devices and networks within an organization

Geo & Purchase Contacts

Availability: Americas

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
chad@gazos.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Hospitality	Government
Energy	Transportation	Health & Life Sciences

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring	Environment Monitoring	Logistics & Tracking
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Kit Components

Intel Component

- Intel® NUC Quad i7 Skylake

IPG Hardware

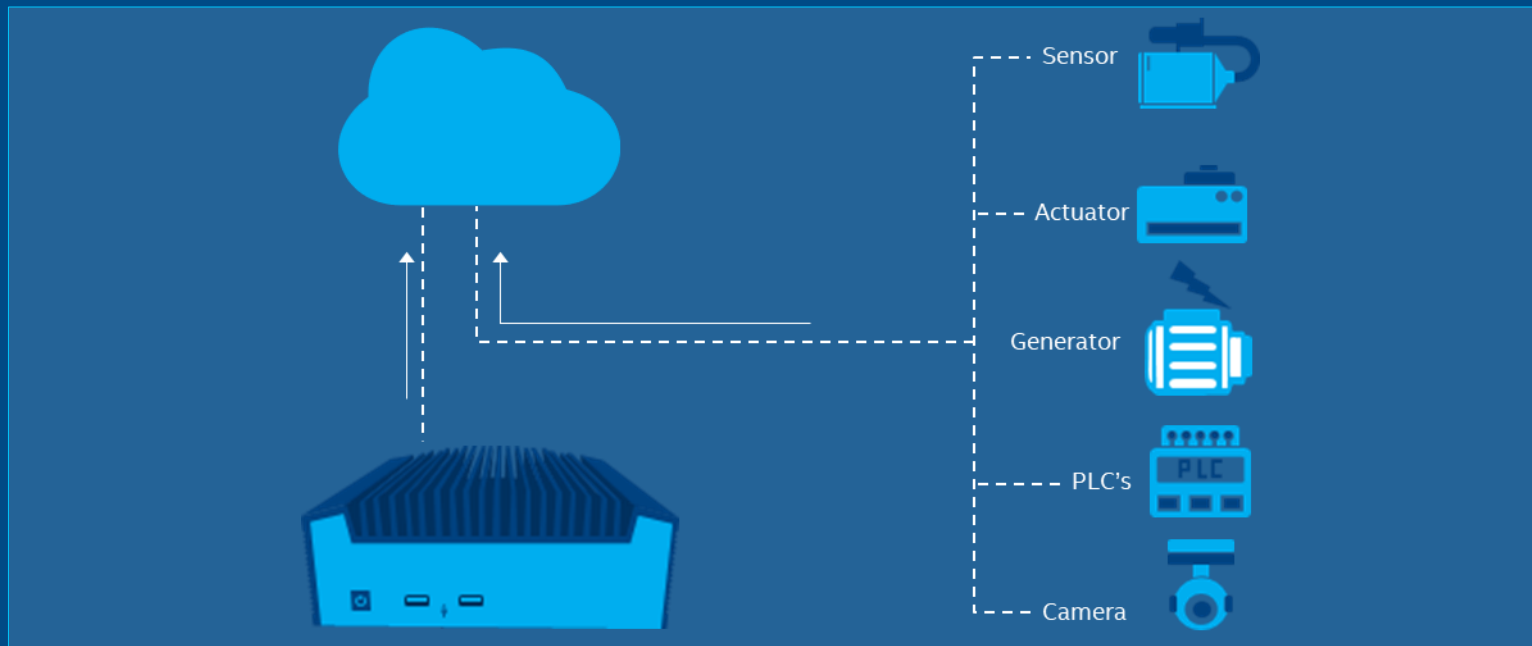
- GB19-FN-A1, GB19-SN-A1

Software

- Gearbox Software Build V1.0

Cloud Service Provider

- Amazon* Web Services; Private/On-Premises



Learn more

IPG solutions are described at: <http://ipg.gazos.com>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet](#)
- [User Guide](#)
- [Configuration Guide](#)
- [Cyber Water](#)
- [ORDER here](#)

Axiomtek AMS Starter Kit with Modbus for Environmental Signal Monitoring



Kit Overview

A plug-and-play solution with integrating hardware platform and software service for IoT applications

- Web-based management suite (AXView 3.0)
- Built-in Modbus protocol
- Supports communication protocols such as MQTT, TCP, UDP, and HTTP

Value Prop

- Develop data driven insights with a dashboard, that provides easy data visualization
- Improve efficiencies with built-in Modbus protocol for managing I/O devices or sensors
- Reduce downtime with 24/7 online system monitoring and alarm triggering

Geo & Purchase Contacts

Availability: EMEA, Americas, SEA, APJ, PRC, ANZ

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
candice@axiomtek.com.tw

Relevant Verticals

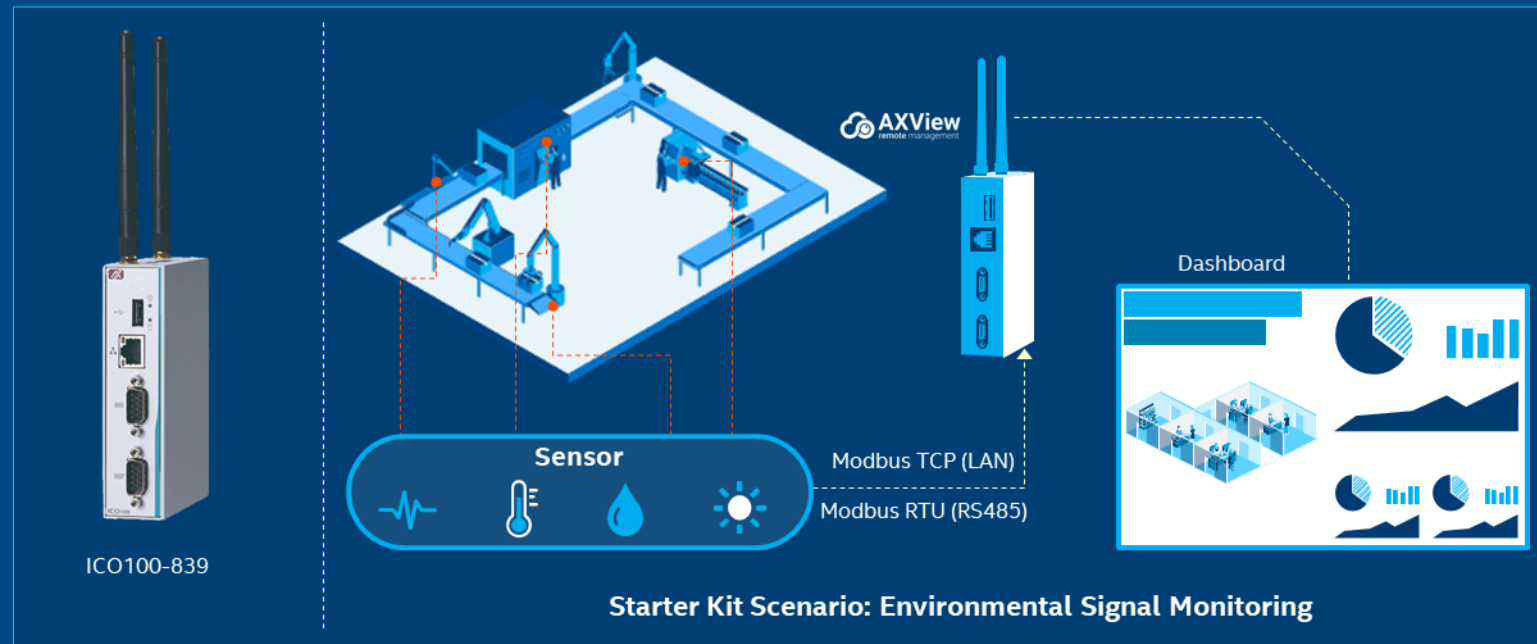
(click to see full list of kits for each vertical)

Government

Relevant Use Cases

(click to see full list of kits for each use case)

Environment Monitoring



Kit Components

Intel Component

- Intel® Celeron® processor N3350, Intel® I211-AT, or Intel® I210-IT

Axiomtek Hardware

- ICO100-839, and humidity, temperature, and light sensors

Software

- Agent MaaS Suite (AMS)

Cloud Service Provider

- Microsoft Azure

Operating System

- Yocto, Linux

Learn more

Axiomtek solutions are described at:
<https://axiomtek.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Starter Kit datasheet](#)
- [Hands-on Lab](#)
- [AMS Introduction](#)
- [AMS datasheet](#)
- [ORDER here](#)

Exor Multi Protocol IIoT Gateway with Cloud Connectivity



Kit Overview

A smart edge gateway designed to communicate between industrial-automation devices, the cloud, fog, and applications for near plug-and-play simplicity of implementation.

- Supports OPC UA and TSN
- Compatible with CODESYS V3
- Ready for Corvina Cloud 2.0

Value Prop

- Reduce deployment time with straightforward wireless connectivity and compatibility with legacy equipment
- Scale easily with plug-in modules for system expansion
- Improve security with Corvina Cloud secure remote connection

Geo & Purchase Contacts

Availability: Americas; Africa/Middle East; Europe; Southeast Asia; Asia/Pacific/Japan; Australia/New Zealand

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

mark.olding@exorint.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy

Kit Components

Intel Components

- Intel® Cyclone® V FPGA SoC, Intel® Cyclone® V FPGA

Exor Hardware

- eXware 707T, eXware 707Q,
- eXware 707T (TSN-enabled)

Software

- Linux, Jmobile, CODESYS,
- Connectivity Stack

Cloud Service Provider

- AWS, Google Cloud Platform, Microsoft Azure, Private/on-premises, Corvina Cloud

Operating System

- Windows, Linux

Resources

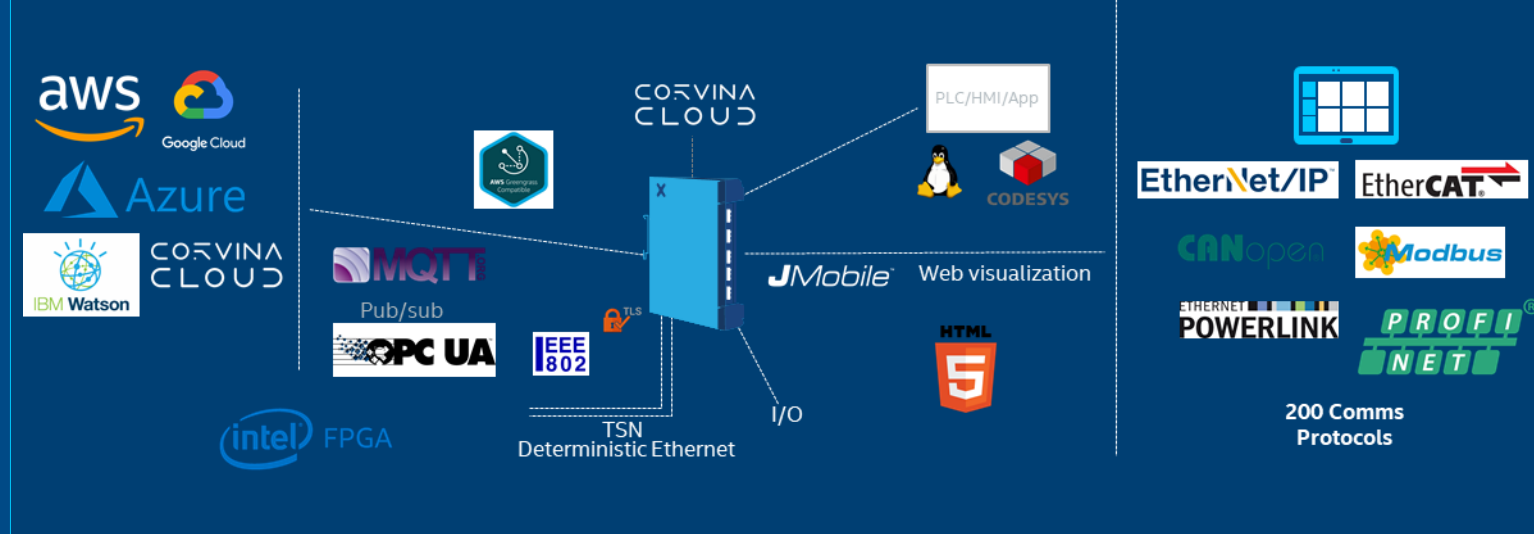
Exor kits are described at: <https://www.exorint.com/en/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Exor website](#)
- [eXware 707T Product Page](#)
- [eXware 707Q Product Page](#)
- [Product Videos](#)
- [ORDER here](#)

EXOR eXware 707 series – Field Level Embedded Gateway



Shuttle Computer Access Control to POS



Kit Overview

Shuttle Computer Access Control to POS is a highly modern and efficient POS terminal equipped with facial recognition. The solution enhances security by preventing unauthorized access, improves operational efficiency, and increases customer satisfaction with fast, smooth transactions.

Value Prop

- Reduce costs by eliminating the need to purchase both displays and media players.
- Improve reliability with non-stop operation through exclusive heat pipe cooling technology
- Enhance security with highly accurate facial recognition that functions as a standalone access control

Geo & Purchase Contacts

Availability: Americas, EMEA, APJ, PRC

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

joyce_cheng@tw.shuttle.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Kit Components

Intel Components

- Intel® Celeron® processors,
- Intel® Core™ i3 processors

Software

- Shuttle Computer POS Access Control Software

Shuttle Computer Hardware

- 15.6" LCD Panel, Webcam

Operating System

- Windows 10, Linux

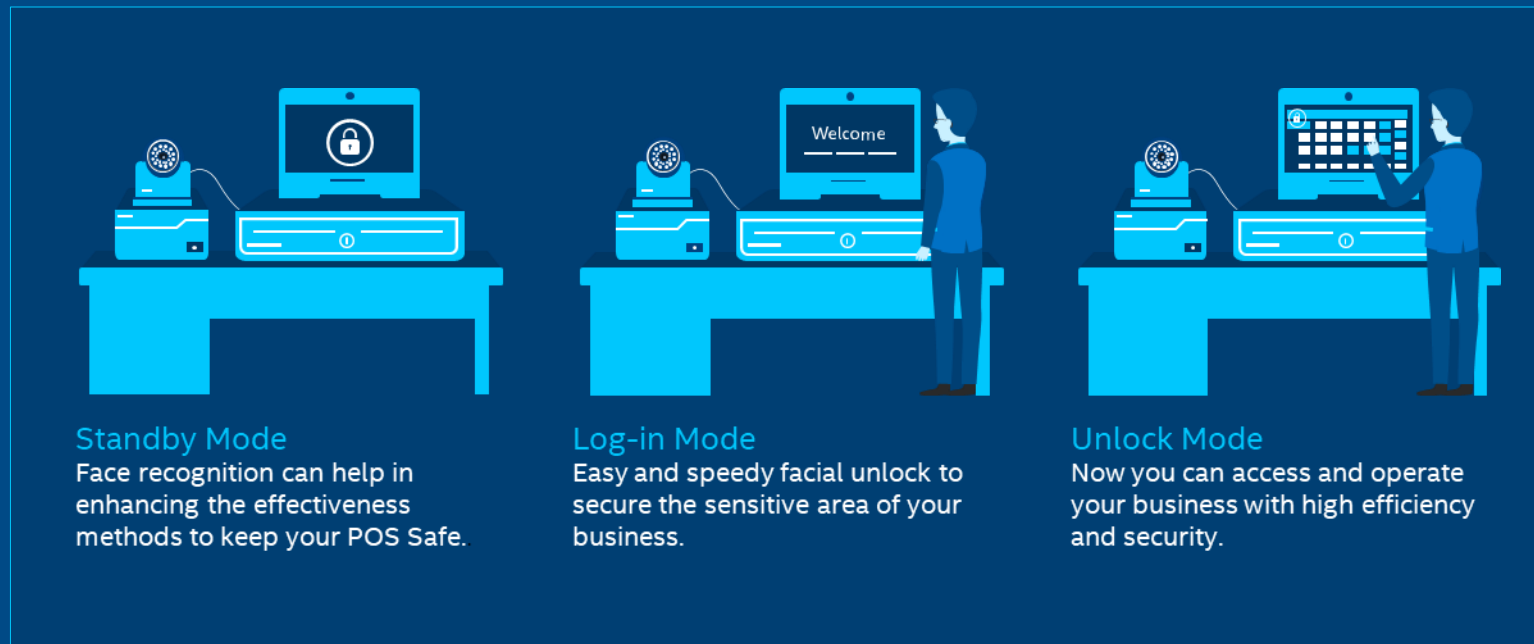
Resources

Shuttle Computer kits are described at:
<http://global1.shuttle.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [User Guide](#)
- [Specification Information](#)
- [ORDER here](#)



Standby Mode

Face recognition can help in enhancing the effectiveness methods to keep your POS Safe.

Log-in Mode

Easy and speedy facial unlock to secure the sensitive area of your business.

Unlock Mode

Now you can access and operate your business with high efficiency and security.

Advantech Intelligent Platform with Azure IoT Edge



Kit Overview

Extend cloud intelligence and move analytics to edge devices. Organizations can focus on business insights, such as streaming analytics, OPC UA publisher, Modbus, and other high value AI modules deployed from the cloud to the edge to support diverse applications.

Value Prop

- Boost productivity and response times with data insights
- Extend Cloud intelligence and analytics to edge devices to support diverse applications and generate insights
- Improve security and connectivity with secure cloud communications and edge intelligence

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; APJ; PRC; Australia/New Zealand

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

Chia.tu@advantech.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Logistics & Tracking

Kit Components

Intel Components

- Intel® Core™ i5-7300 (2.6 GHz)

Advantech Hardware

- UNO-2484G-7531AE
- 8 GB RAM
- 32 GB SS

Software

- Microsoft Azure IoT Edge
- Advantech WISE-PaaS/EdgeLink

Cloud Service Provider

- Microsoft Azure

Operating System

- AdvLinuxTU

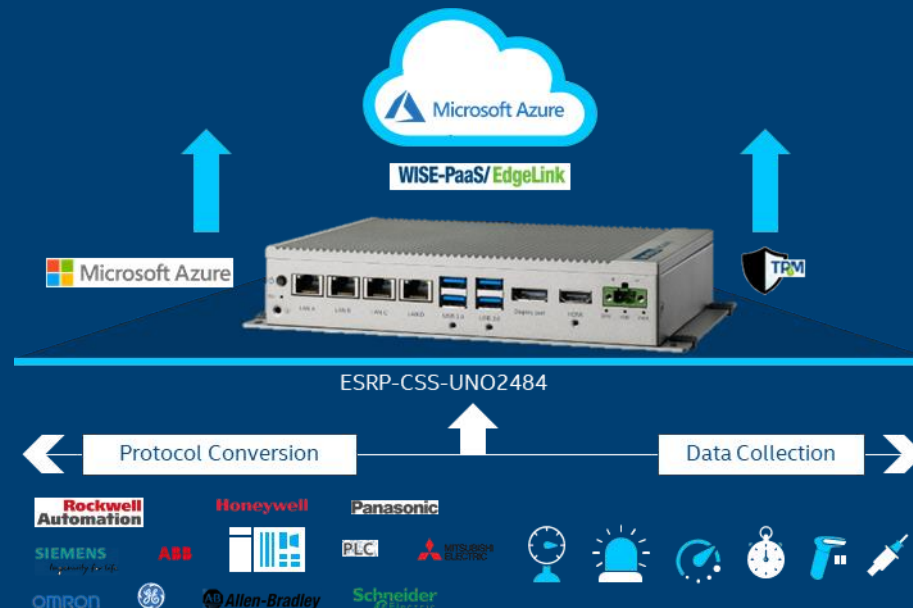
Resources

Advantech kits are described at:
<https://www.advantech.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [User Guide](#)
- [Configuration Guide](#)
- [ORDER request](#)



Vehant TrafficMon[®] (Traffic Monitoring Solution)

Kit Overview

A video-based traffic enforcement and management solution that is powered by AI and machine learning. It offers violation detection capabilities like red light jump, over speeding, no helmet riding, wrong way driving, triple riding, and various other traffic violations in real time.

Value Prop

- Enhance capability with a complete evidence capturing mechanism
- Improve safety by decreasing road accidents and casualties with real-time traffic violation information
- Improve staff efficiency by augmenting their capabilities around law enforcement

Geo & Purchase Contacts

Availability: APJ

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

dheerajs@vehant.com

psaurabh@vehant.com

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Environment Monitoring

Asset & Operations Optimization

Kit Components

Intel Components

- Intel[®] Core[™] i7 processors
- Intel Chipset Q or H series
- Intel[®] Distribution of OpenVINO[™] toolkit
- Intel[®] Media SDK

Vehant Hardware

- ANPR Camera x1, Overview Camera x1, IR Illuminator Set x1, Local Processing Unit x1

Software

- VehiScan[®] ANPR
- TrafficMon[®] Violation Detection
- TrafficMon[®] Central Processing
- TrafficMon[®] Central Processing GUI

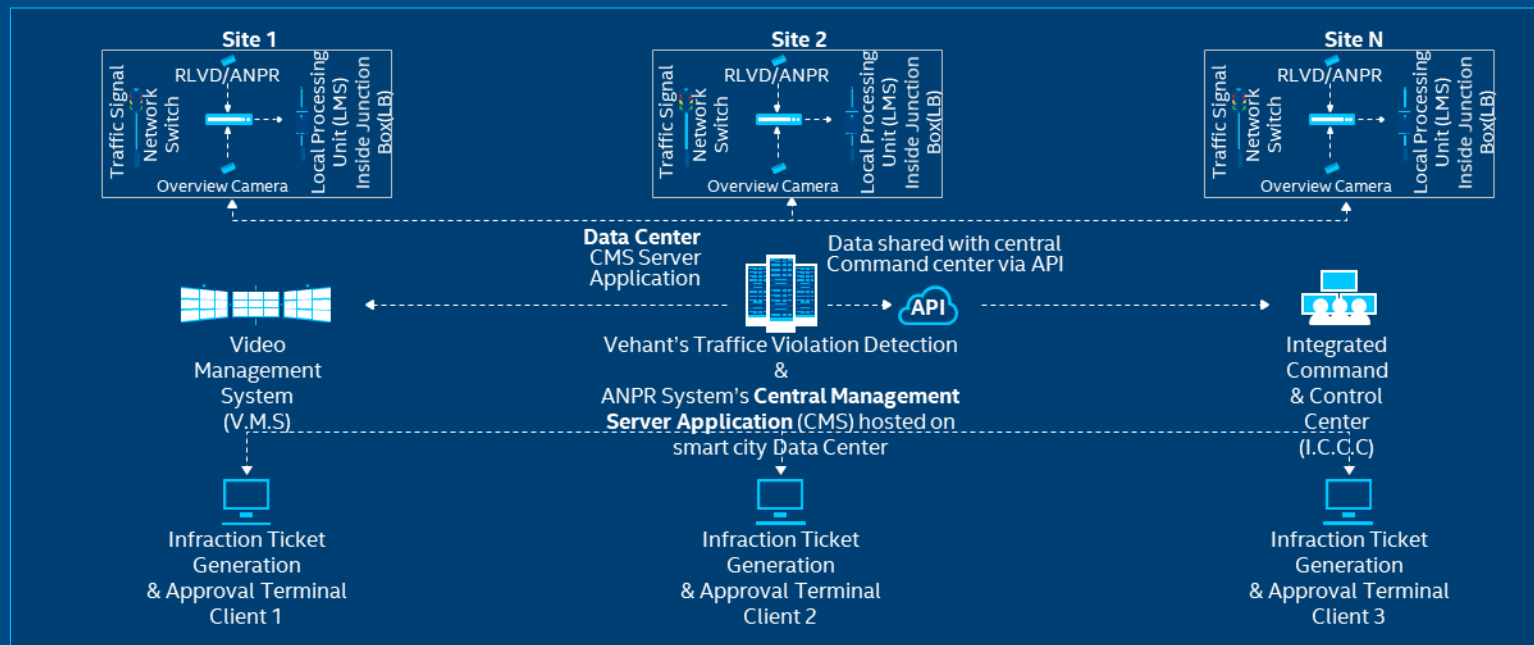
Resources

Vehant kits are described at: [Vehant Solutions](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [ORDER here today](#)



Agent Vi – innoVi AI at the Edge Kit



Kit Overview

Agent Vi's innoVi AI at the Edge kit uses advanced algorithms to perform deep learning inferencing at the edge. This allows innoVi to execute automatic classification of objects with precision, without the need for special configuration or tweaking.

Value Prop

- Deploy easily with deep learning at the edge to scale video analytic capabilities
- Reduce costs with the ability to connect innoVi Edge to any ONVIF/RTSP fixed IP camera
- Improve security with innoVi's high probability detection and low false alarm rate

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

sales@agentvi.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Hospitality	Government
Energy	Transportation	Education
Retail	Other	

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring	Interactive Media
------------------------	-------------------

Kit Components

Intel Components

- Intel® Core™ i3-8100T processors

Agent Vi Hardware

- innoVi Edge 300 & 325 appliance

Software

- innoVi SW application
- innoVi Core

Cloud Service Provider

- AWS
- Google Cloud

Operating System

- Ubuntu

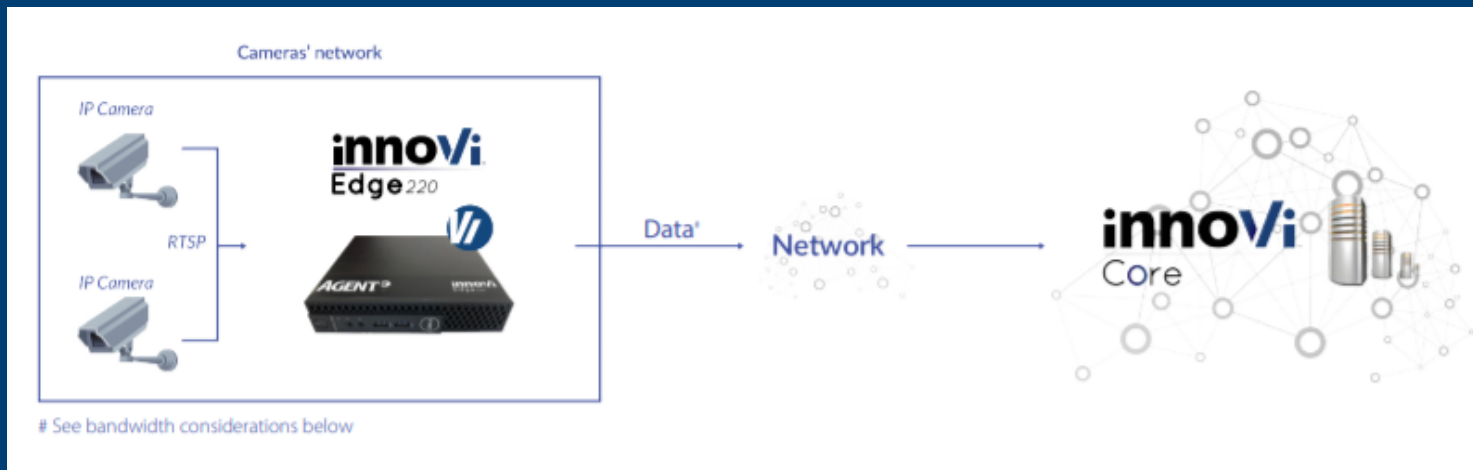
Resources

Agent Vi kits are described at: [Agent Vi Products](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Product Brochure](#)
- [ORDER here](#)



See bandwidth considerations below

Blue Line Technology Retail Glance Safety and Security Kit



Kit Overview

Blue Line Technology's Retail Glance Safety and Security Kit is combination of software, security appliance station, and server that provides intelligent surveillance for bolstered security. The kit uses its facial recognition platform to act as a valuable virtual security resource for threat detection, access control, and concierge applications.

Value Prop

- Increase employee and patron satisfaction with a proactive security technology
- Automate monitoring and immediately identify internal and external threats
- Lower risk of crime through fast-acting, automated virtual security guard to reduce robberies, and associated costs

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; Asia/Pacific/Japan; Australia/New Zealand

Intel contact:

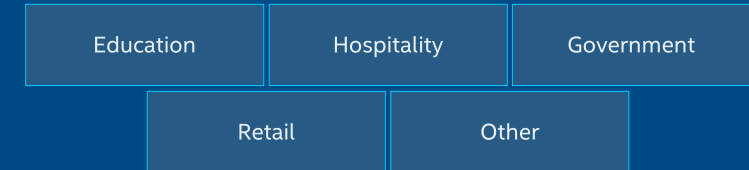
kasia.l.hanson@intel.com

Partner contact:

ddeason@bluelinetechology.com

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel Components

- Intel® Core™ i5-9500 processors

Hardware

- Dell Opti-plex 5070

Software

- Blue Line Technology First Line Glance Access software

Cloud Service Provider

- Private Cloud Server

Operating System

- Windows

Resources

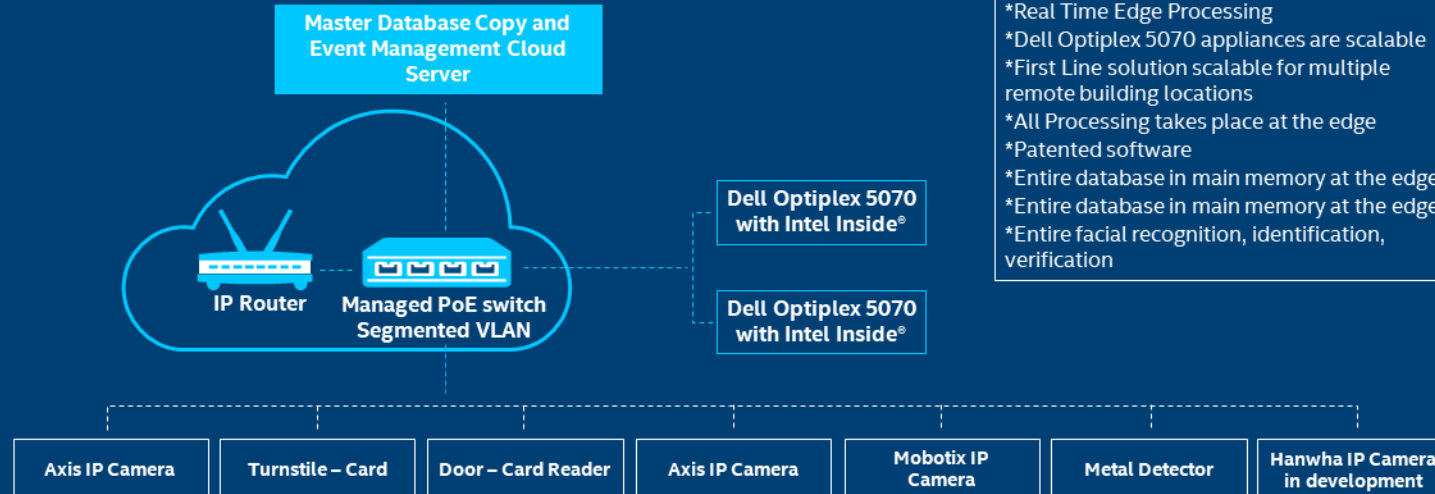
Blue Line Technology kits are described at: [Blue Line Website](#)
To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [Blue Line Technology website](#)
- [Order Here*](#)

*For qualified resellers who have received technical sales training from Blue Line Technology

Blue Line Technology Internet of Things Architecture



- *IoT Architecture
- *Open System Interfaces
- *Real Time Edge Processing
- *Dell Opti-plex 5070 appliances are scalable
- *First Line solution scalable for multiple remote building locations
- *All Processing takes place at the edge
- *Patented software
- *Entire database in main memory at the edge
- *Entire database in main memory at the edge
- *Entire facial recognition, identification, verification

QNAP Systems QuCPE IoT Solution



Kit Overview

QNAP QuCPE IoT solution is a smart retail solution that integrates surveillance, facial recognition, customer flow analysis, and edge devices. With QuCPE IoT Solution, retailers can implement network management from the cloud to ensure in-store POS performance, Wi-Fi service, and IP camera functionality.

Value Prop

- Increase control through centralized large-scale application deployment and cloud management
- Reduce complexity with increased resource visibility in single IT structure
- Save time with faster deployment through Zero Touch Provisioning

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com
Partner contact:
ytlee@qnap.com

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



QNAP Smart Retail Solution on QuCPE (AI->BI->CI->DI)

Edge Computing	POS Data Integration	Big Data Analysis	Strategy Forming
Artificial Intelligence	Business Intelligence	Customer Insight	Data Integration
<ul style="list-style-type: none"> Person Detection People Re-ID Multi-Cam support 		<ul style="list-style-type: none"> Customer Classification Multi-element Analysis Marketing Event Review 	<ul style="list-style-type: none"> Marketing result prediction Behavior prediction Purchase model



- QNAP VNF "service composer"
- QNAP QuWAN / SD-WAN
- QNAP QuAI / Interference engine
- QNAP VM marketplace
- QNAP AMIZ cloud management
- Hardware acceleration
- High availability

Kit Components

Intel Components

- Intel® Xeon® D processors, Intel® Xeon® Scalable processors, Intel® Movidius™ VPU, Intel® ARRIA® 10 FPGA, Intel® Data Plane Development Kit, Intel® Distribution of OpenVINO™ OpenNESS

QNAP Systems Hardware

- QNAP QuCPE
- Software**
- QuWAN, QVR Pro, Retail Pro
- Cloud Service Provider**
- AWS, Private/On-premises
- Operating System**
- QNAP QNE OS

Resources

QNAP Systems kits are described at: [QNAP Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [QNAP website](#)
- [Standard Docker Container](#)
- [Virtualization Station](#)
- [QIoT Developer Tutorial](#)
- [QNAP Client Development Kit](#)

meldCX Cloud Console



Kit Overview

An enterprise platform that allows users to scale and accelerate their business by providing the architecture needed to build or reuse, deploy, and manage commercial applications from a single dashboard.

- Skip OS testing by developing and deploying on any major OS
- Create easy to use dashboards

Value Prop

- Scale and accelerate digital capabilities with a cloud enabled digital transformation solution
- Bring legacy systems online by choosing from a large stack of ready to deploy applications
- Improve process efficiencies by controlling applications throughout the network

Geo & Purchase Contacts

Availability: Europe, Americas, APJ, Australia, and New Zealand

Intel contact:

rfp.ready.kits@intel.com

Partner contact:

joy@meldcx.com

Relevant Verticals

(click to see full list of kits for each vertical)

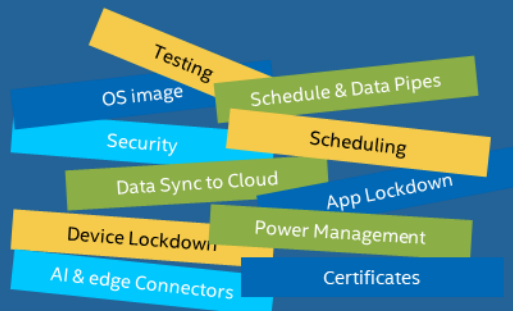


Relevant Use Cases

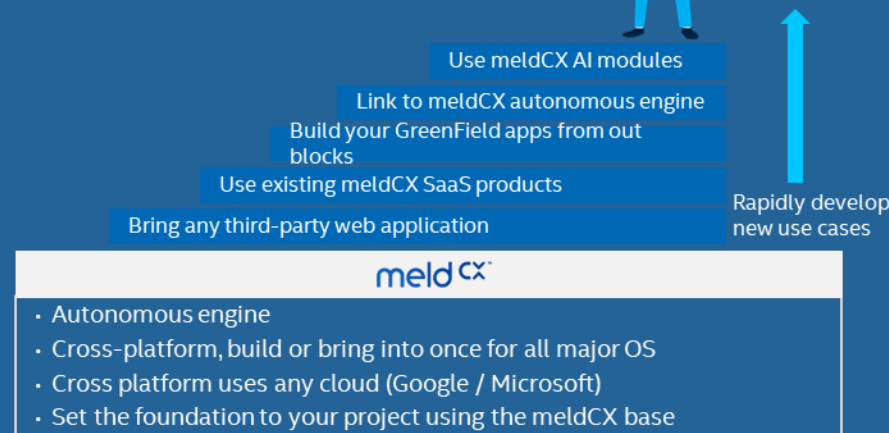
(click to see full list of kits for each use case)



Without meldCX



With meldCX



Kit Components

Intel Components

- Intel® Core® processors
- Intel® Movidius™ VPU
- Intel® Distribution of OpenVINO™ toolkit

Software

- Chrome OS
- Windows 10
- Android

Cloud Service Provider

- Google Cloud Platform
- Microsoft Azure

Operating System

- All major operating systems

Resources

meldCX kits are described at: <https://www.meldcx.com/>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Configuration Guide](#)
- [API/SDK](#)
- [ORDER here](#)

SkyLab Multi-Access Edge Computing (MEC)



Kit Overview

- This kit offers operators high-performance edge computing for low latency. By automating critical data feeds, this kit significantly reduces the costly backhauling of high volumes of data at the edge.
- Run Kubernetes for container orchestration
 - Run in-built load balancing and self-healing functionalities

Value Prop

- Respond to critical information faster with on-site data processing
- Improve latency and cost savings by offloading the backhaul network at the edge
- Deploy and manage easily through MEC devices with built-in load balancing and self-healing functionalities

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
sehsieng.eng@skylabteam.com
info@skylabteam.com

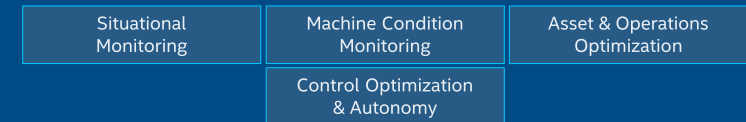
Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel Components

- Intel® Xeon® processors, Intel® Core™ processors, Intel® Movidius, Intel® FPGA, Intel® Atom® processors, Intel® Celeron® processors

SkyLab Hardware

- eTILE 15, DE3450

Software

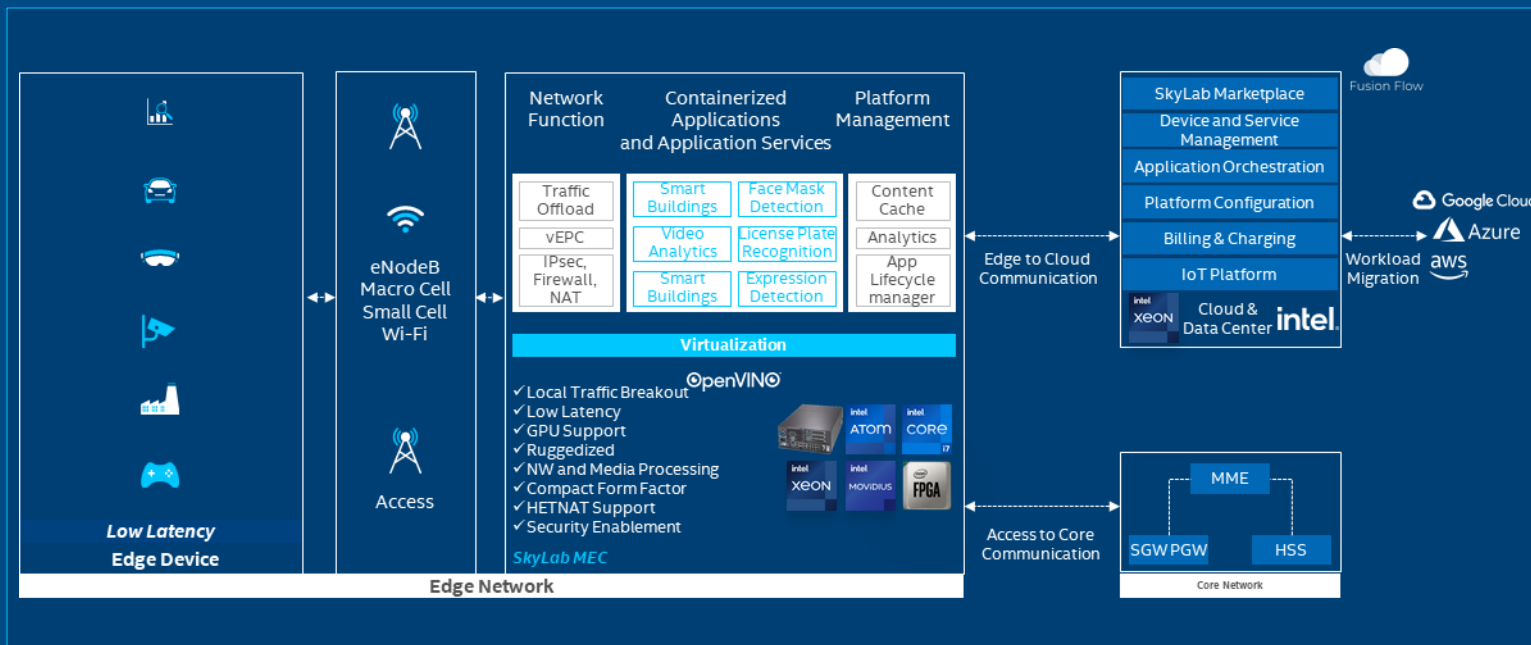
- SkyLab MEC
- Cloud Service Provider**
 - AWS, Google Cloud Platform, Microsoft Azure, Digital Ocean, Private/On-premise
- Operating System**
 - SkyLab MEC-OS

Resources

SkyLab kits are described at: <https://www.skylabteam.com>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

- For more information visit the following:
- [MEC Overview / MEC Brochure](#)
 - [IGX Overview / IGX Brochure](#)
 - [DLC Overview / DLC Brochure](#)
 - [Customer Videos](#)
 - [ORDER here today](#)



SkyLab Transport Accelerator (STA)



Kit Overview

- The SkyLab Transport Accelerator (STA) kit is a proprietary network transport protocol, designed to optimize transport layer performance
- Adaptive congestion control
 - Transparent turn reduction
 - SkyLab Transportation Acceleration protocol
 - Multipath delivery

Value Prop

- Reduce network failures and loss of data with network connection switching
- Improve network performance by eliminating unnecessary handshakes
- Optimize bandwidth performance by using adaptive congestion control

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
sehsieng.eng@skylabteam.com
info@skylabteam.com

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Energy

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Asset & Operations Optimization

Control Optimization & Autonomy

Kit Components

Intel Components

- Intel® Xeon® E3-1240v6 processors, Intel® Celeron® J1900 processors

SkyLab Hardware

- STA-SC-3000, STA-MZ-9500, IGX-RX-1100-PLUS

Software

- SkyLab Transport Accelerator proprietary software

Cloud Service Provider

- AWS, Google Cloud Platform, Microsoft Azure, Private

Operating System

- SkyLab STA-OS, IGX-OS

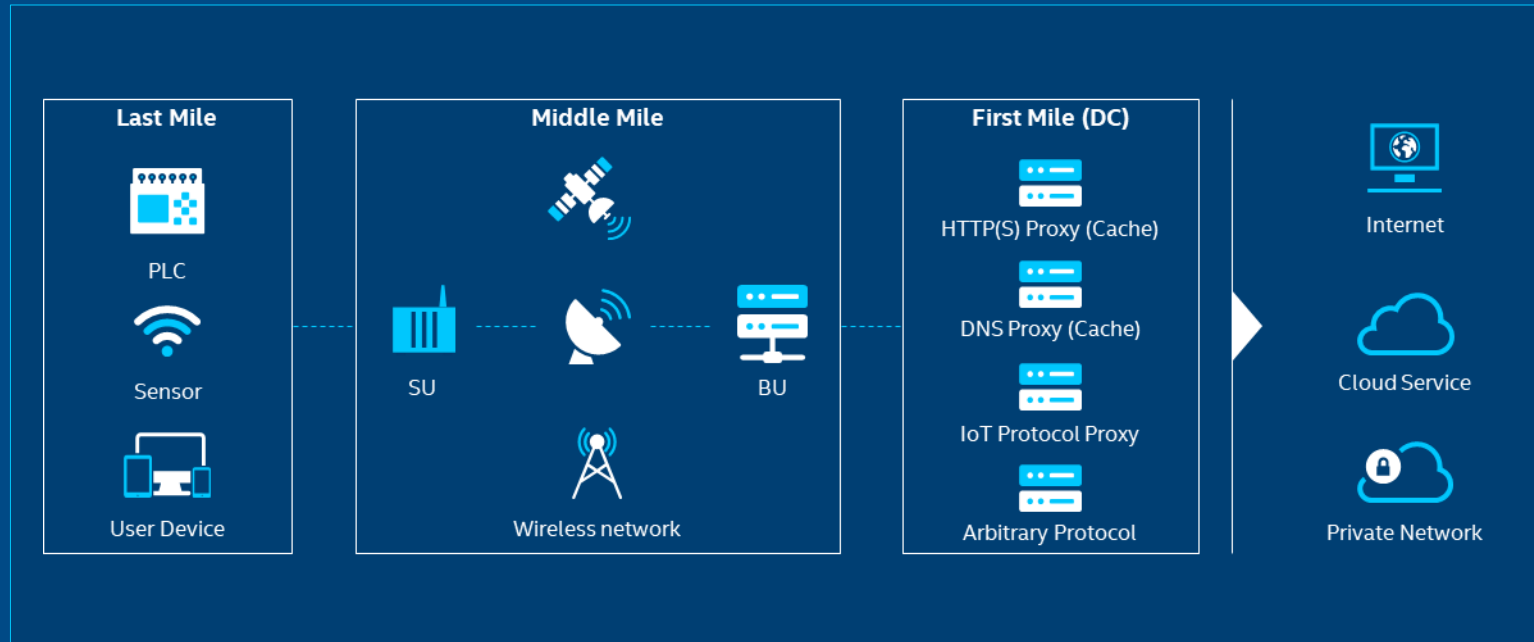
Resources

SkyLab kits are described at: <https://www.skylabteam.com>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [STA Introduction](#)
- [STA Unboxing/ Set-up](#)
- [IGX Overview / IGX Brochure](#)
- [Customer Videos](#)
- [ORDER here today](#)



Logitech Room Solution



Kit Overview

Pre-configured to an Intel® NUC, the Logitech Room Solution makes video conferencing rooms easy to setup and use for Microsoft Teams, Zoom, and Google Meet by delivering a comprehensive bundle that includes a conference camera, Logitech Tap touch controller, and RightSense™ technology.

Value Prop

- Boost user productivity with touch-to-join simplicity and instant content sharing
- Save time and resources with easy-to-install bundles
- Maximize asset value by installing a solution that can be changed or upgraded without replacing the system

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:
rfp.ready.kits@intel.com
Partner contact:
jsmith@logitech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Kit Components

Intel Components

- Intel® NUC8i7BEH (w/RAM & SSD)

Logitech Hardware

- Logitech Conference Cam (MeetUp, Rally, Rally Plus for S/M/L), Logitech Tap touchscreen with proximity detection & ultrasound, Accessories such as Mounting Kits & expansion mics

Software

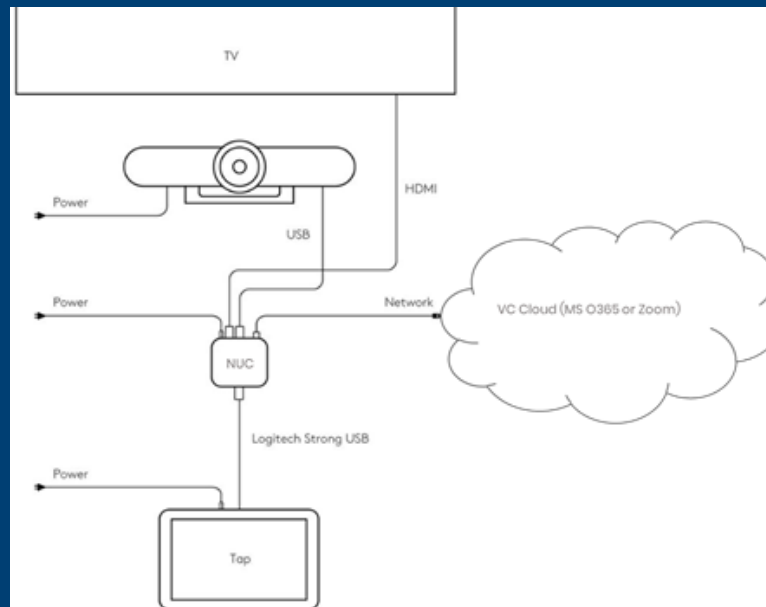
- Logitech Sync and Cloud Vendors integrated management components

Cloud Service Provider

- Microsoft Teams (O365)
- Zoom
- Google Meet

Operating System

- Windows 10



Learn more

Logitech kits are described at: [Logitech Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Tap Webpage](#)
- [Meetup Webpage](#)
- [Rally Webpage](#)
- [Rally Ultra HD Webpage](#)

tinyGO AI Edge Module Kit



Kit Overview

Powered by Intel, the tinyGO AI Edge Module Kit packages together AI algorithms, software, and hardware for computer vision solutions. This kit addresses issues commonly experienced in security surveillance, including monitoring inefficiency, poor customer experiences, and high costs.

Value Prop

- Integrate easily with a wide range of deep learning visual recognition algorithms
- Increase solution efficiency by processing AI algorithms locally on an edge module
- Enable deep learning for industrial and surveillance applications with low-power consumption

Geo & Purchase Contacts

Availability: PRC
Intel contact:
rfp.ready.kits@intel.com
Partner contact:
shawn.liu@tinygo.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

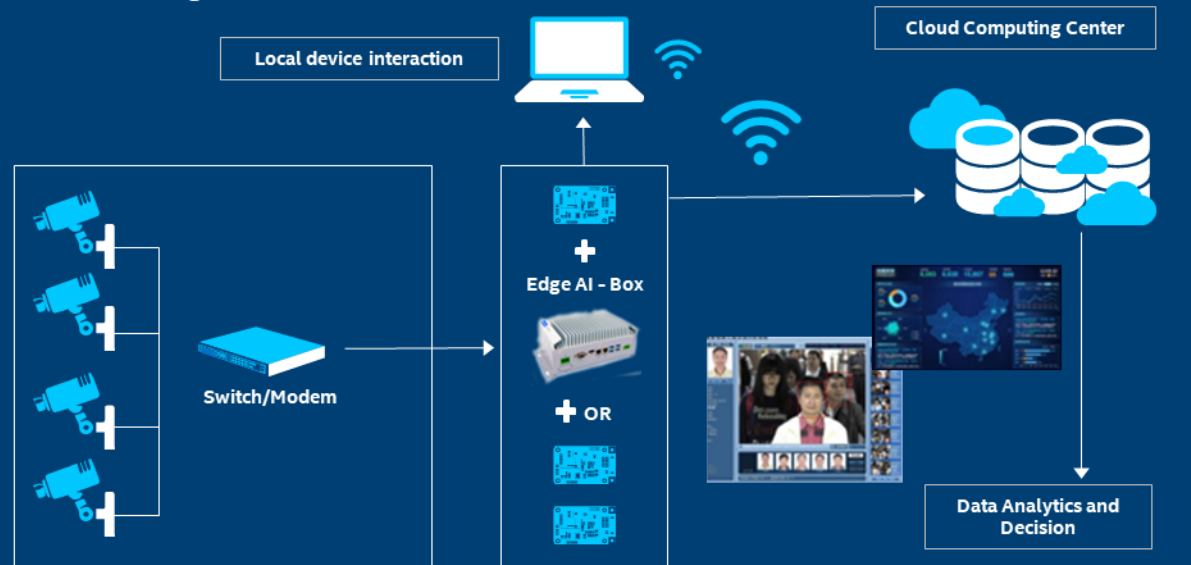
Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Assets & Operations Optimization

Solution Diagram



Kit Components

Intel Components

- Intel® Movidius™ Myriad™ 2

tinyGO Hardware

- Kit bundle 1: G38A AI Edge computing Embedded board
- Kit bundle 2: G80A NN Acceleration module

- Kit bundle 3: G51A mPCIe AI Edge Module

Software

- Software SDK

Operating System

- Windows
- Android
- Clear Linux

Resources

tinyGO kits are described at: [tinyGo Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

RFRain RFR-IMS-SMART



Kit Overview

RFRain RFR-IMS-SMART kit gives systems integrator a genuine plug-n-play RTLS asset tracking solution based on UHF Passive RFID technology. The kit is designed to save the systems integrator time and money on development. Companies can use the RFR-IMS kit to track and manage inventory, people, and assets remotely in real time through preferred device.

Value Prop

- Reduce time to deploy and implement an RFID system that immediately starts reading tags in real time
- Offer an economical kit that reduces RFID deployment costs by lowering the number of hardware devices needed
- Gain high upsell potential with a scalable, easy-to-use RFID solution with ranging applications across verticals

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:

kristen.call@intel.com

Partner contact:

mina.hanna@rfrain.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation	Hospitality	Education
Manufacturing	Energy	Other
Health & Life Sciences	Retail	

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy	Product Inspection	Other
Situational Monitoring	Asset & Operations Optimization	

Kit Components

Intel hardware

- Intel® Xeon® processors

RFR IMS hardware

- RFR-RAIN-4-SMART
- UHF RFID Antennas
- Dell PowerEdge T340 Tower Server

RFRain software

- RFRain Zone Manager C

Cloud Service Provider

- Cloud agnostic

Operating System

- Ubuntu
- Loud-based Software

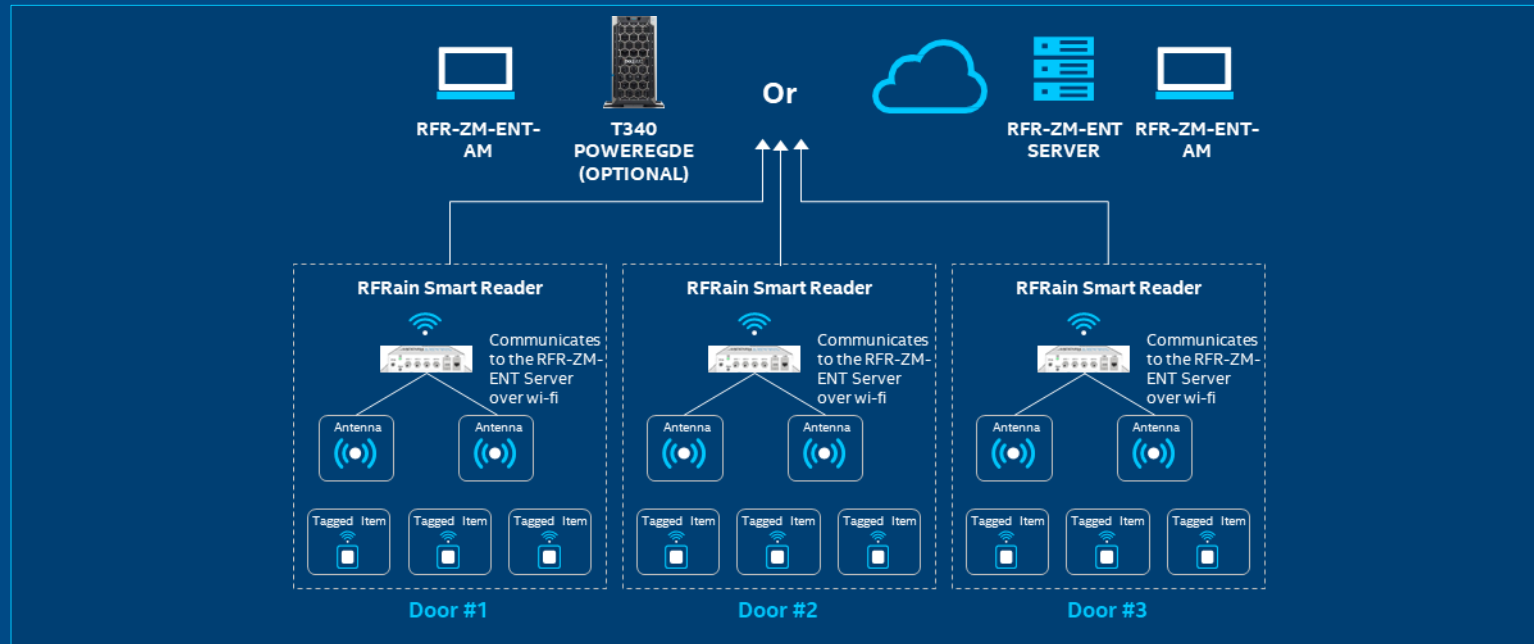
Resources

RFRain solutions are described at the [RFRain Website](#)

To learn about industrial solutions from Intel, visit: [IoT solutions overview](#)

For more information visit the following:

- [RFR-IMS-Kit Overview](#)
- [RFRain Server](#)
- [Dog Tracking Case Study](#)
- [Linen Tracking Case Study](#)
- [HME DME Tracking Case Study](#)
- [Retail Theft Prevention Case Study](#)



DEEPSIGHT YODA-100



Kit Overview

DEEPSIGHT YODA-100 kit is a vision controller that uses deep learning technology to detect appearance defects in industrial products. Users can pass the software performs image annotation, deep learning model configuration, and training to achieve high-accuracy recognition.

Value Prop

- Boost efficiency and reduce labor costs in factory lines by implementing computer vision kit to enhance defect detection of industrial products
- Achieve accuracy of more than 99% through automated AI-driven detection processes
- Use deep learning technology to address pain points during product defect detection

Geo & Purchase Contacts

Availability: PRC
Intel contact:
jianmei.tang@intel.com
Partner contact:
kyle@deepsight.ai

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel Components

- Intel® Core™ i7-6700 processor, Intel Z170 chipset
- LREC9724HT-Poe processor

Hardware

- HDDL (Mustang-V100-MX8)

Software

- Intel® Distribution of OpenVINO™ toolkit
- Amazon Web Services
- Microsoft Azure

Operating System

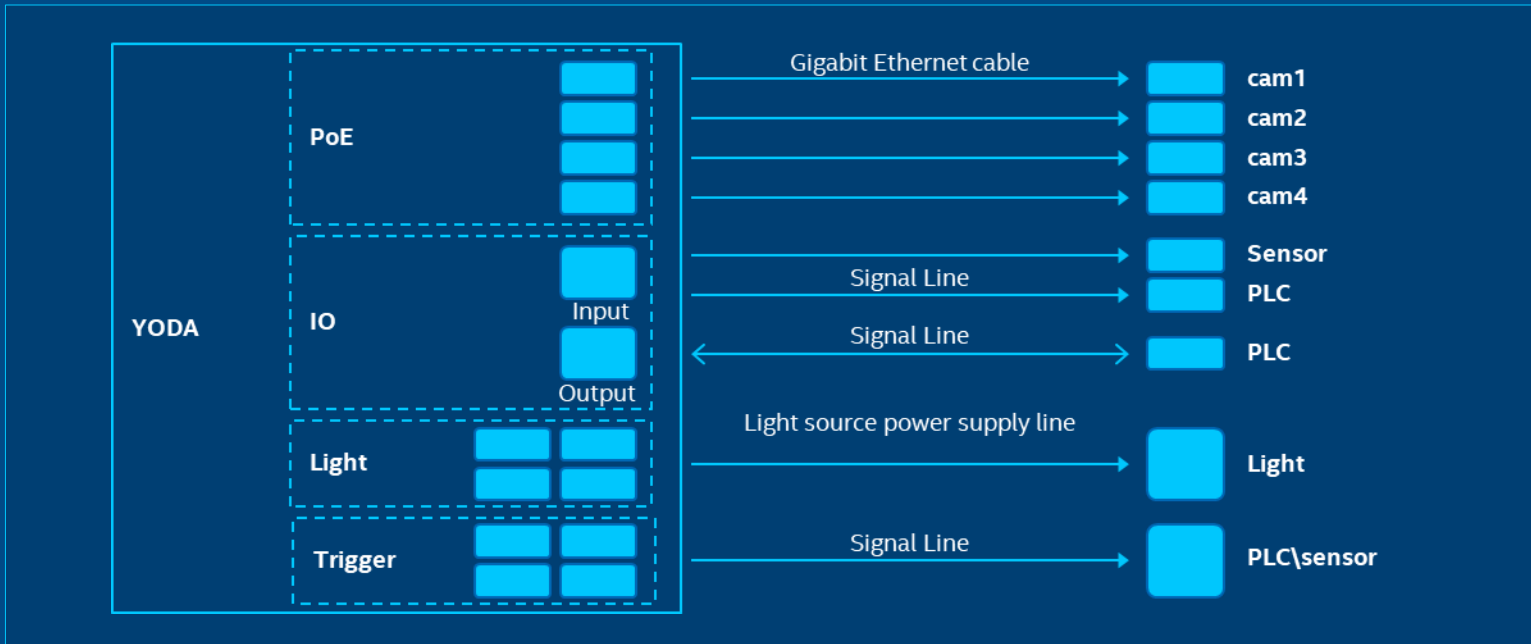
- Windows, Ubuntu

Resources

To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [API/SDK](#)



Vecow VHub AI Developer



Kit Overview

Vecow's VHub AI Developer offers a kit with deep learning, model training, and labeling capabilities for comprehensive development of computer vision AI applications. Through additional pre-trained model SDKs, VHub AI Developer helps system integrators speed up development processes without expending any extra effort.

Value Prop

- Streamline workflows in any industry through versatile computer vision model training
- Accelerate deployment with immediate access to pre-trained deep learning models
- Decrease total cost of ownership with a single program solution that can easily scale to meet customer needs

Geo & Purchase Contacts

Availability: Africa/Middle East; Europe; Americas; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:

jonathan.lee@intel.com

Partner contact:

kev.wang@vecow.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Machine Condition Monitoring

Situational Monitoring

Kit Components

Intel Components

- Intel® Distribution of OpenVINO™ toolkit, Core™ i5-9500 processor, Core™ i5-9500TE processor, Core™ i7-9700E processor, Core™ i7-9700TE processor

Vecow Hardware

- Starter Kit, Deployment Kit, Development Kit, Titan Kit

Software

- VHub AI Developer
- ### Cloud Service Provider
- Microsoft Azure, Private/On-Premises
- ### Operating System
- Windows

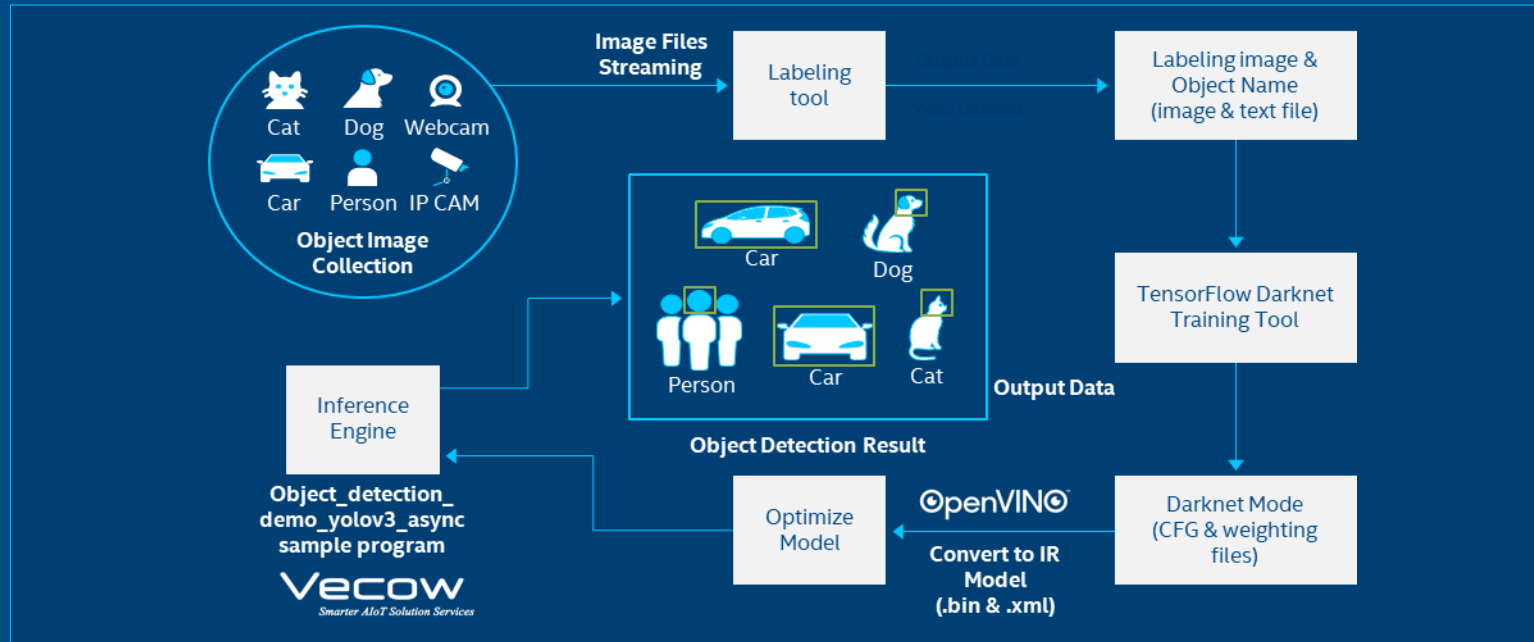
Resources

Vecow kits are described at: [Vecow Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Overview](#)
- [Kit Unboxing Guide](#)



congatec AG Real-Time Workload Consolidation Starter Set



Kit Overview

The kit offers users with a starter set of the COM Express Type 6 based industrial-grade application server platform. It integrates three independent, preconfigured virtual machines running multiple operating systems into a single HW platform sharing one CPU. It allows for parallel engagement of functionalities such as AI machine vision, real-time motor control, and edge connectivity.

Value Prop

- Multitask in one control platform capable of running multiple real-time applications and operating systems
- Increase situational awareness with fast execution of DL-based AI algorithms executed on an Intel Arria® 10 FPGA card
- Enhance IoT connectivity security with an integrated firewall configured by a Linux-based EdgeOS in a VM

Geo & Purchase Contacts

Availability: Europe; Asia/Pacific/Japan

Intel contact:

brendan.j.odonohue@intel.com

Partner contact:

zeljko.loncaric@congatec.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Kit Components

Intel Components

- Intel® Xeon® E processors (i.e. E-2176M), Intel® Core™ processors (embedded), Intel® Arria® 10 FPGA (embedded)

Hardware

- conga-TS370 module, USB Basler vision camera, XpressGXA10-LP1151AI PCIe card

Software

- Intel® Distribution of OpenVINO™ toolkit

Operating System

- Ubuntu, Linux, Other

Resources

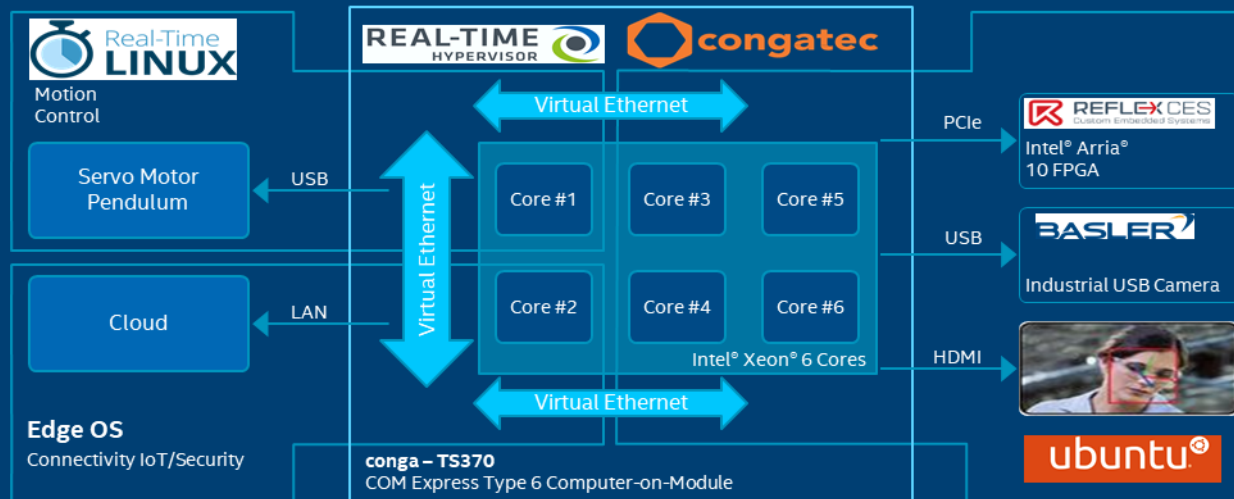
congatec kits are described at: [congatec Website](#) For more information visit the following:

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

- [OS API/SDK](#)
- [Solution Webpage](#)
- [conga-TS370 Product Page](#)
- [LinuxGizmos.com Article](#)
- [Trade Fair Video](#)

Workload Consolidation

With Real-Time Control, Vision/AI and Edge OS



GPC Systems Freight, Highways, & WoundCare Measure



Kit Overview

GPC's software and imaging solution enables customers to more quickly and accurately measure and calculate dimensions of industry-specific problems. The GPC kit uses 3D imaging to instantly calculate measurements enabling industry professionals to strategize and deploy solutions that resolve their problems.

Value Prop

- Accurately calculate manual dimensions using a single 3D photo
- Increase productivity by replacing time-intensive, manual measuring techniques with rapid image analysis
- Standardize wound measurements for consistently accurate results

Geo & Purchase Contacts

Availability: Europe

Intel contact:

john.wilkins@intel.com

Partner contact:

isabellemler@gpcsl.com

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Health & Life Sciences

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Machine Condition Monitoring

Human Wellness Monitoring



Kit Components

Intel Components

- Intel® RealSense™ Intel® Core™ i5-7Y57 vPro processor, Intel® RealSense™ Depth Module D415, Intel® RealSense™ Depth Module D410

Software

- GPC Highway Measurement Application

Hardware

- Panasonic M1 rugged tablet with Intel® RealSense™ Depth Module D410, Microsoft Surface Go

Cloud Service Provider

- Microsoft Azure

Operating System

- Windows

Resources

GPC Systems kits are described at the [GPC Systems Website](#)

To learn about Intel IoT kits visit [Intel IoT Kits Overview](#)

For more information visit the following:

- [Solution Support](#)
- [Case Studies](#)

Kalkitech LV Substation



Kit Overview

The Kalkitech LV Substation kit connects field assets to SCADA and the cloud for necessary protocols, edge analytics, and communication capabilities to monitor LV Substation for stable and efficient power usage. Low Voltage Distribution networks can be controlled for grid resiliency and improved power quality.

Value Prop

- Improve customer satisfaction by reducing power outages and ensuring supply reliability
- Reduce working capital through asset monitoring and accurate identification of faults to help optimize operational costs
- Increase net revenue by supplying continuous power

Geo & Purchase Contacts

Availability: Europe; Americas; Southeast Asia; Asia/Pacific/Japan

Intel contact:

prithpal.khajuria@intel.com

Partner contact:

prasanth.gopalakrishnan@kalkitech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Energy

Relevant Use Cases

(click to see full list of kits for each use case)

Energy
Monitoring &
Management

Environment
Monitoring

Kit Components

Intel Components

- Intel® Core J1900 processor
- Carrizo Plain Intel IP

Kalkitech Hardware

- Advantech UNO-1372G

Software

- SyncConnect Kalkitech IP

Cloud Service Provider

- Amazon Web Services
- Microsoft Azure
- Other

Operating System

- Linux

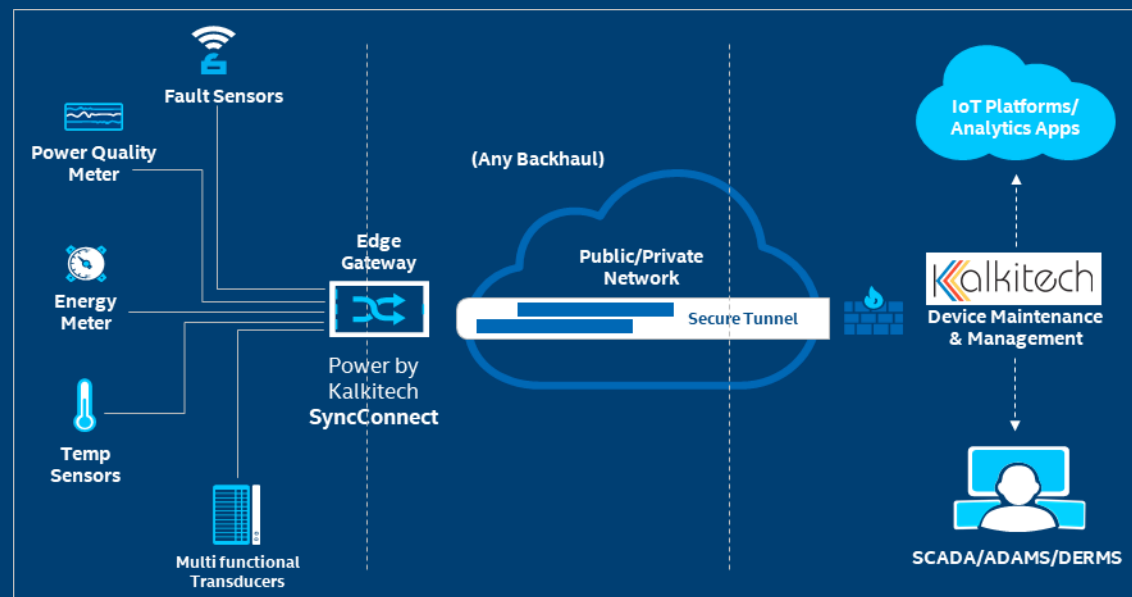
Resources

Kalki.io kits are described at their website [here](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Datasheet Brochure](#)
- [Tech Specs](#)



MEGH Computing Video Analytics Solution



Kit Overview

MEGH Computing's Video Analytics Solution (VAS) kit ingests multi-channel, live video streams from IP cameras to detect objects and occurrences. The kit uses AI and Intel FPGA programmable acceleration cards to record and process the video streams and provide instant analytical insights. The VAS kit can be deployed in any scenario needing instant results.

Value Prop

- Improve operational performance with Intel® FPGA PACs that help reduce latency, lower TCO, and increase throughput by over 8 times
- Decrease financial losses due to errors, theft, and shrinkage with fraud prevention capabilities
- Increase work safety with video surveillance of crowds and work environment

Geo & Purchase Contacts

Availability: Americas;
Asia/Pacific/Japan

Intel contact:
karen.truitt@intel.com

Partner contact:
pkgupta@meghcomputing.com

Relevant Verticals

(click to see full list of kits for each vertical)

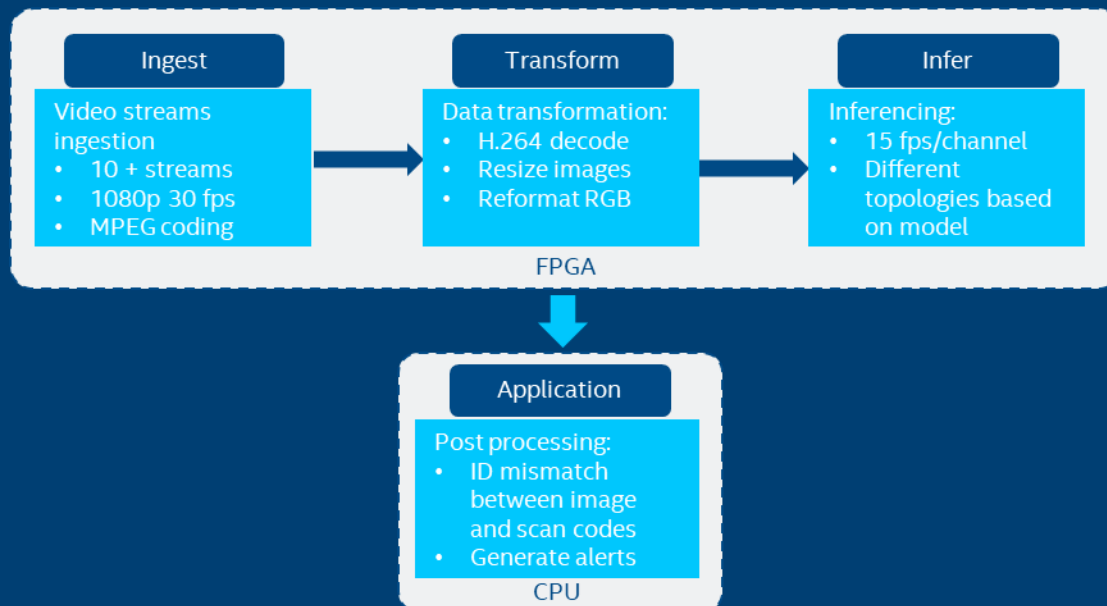
Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Product
Inspection

Situational
Monitoring



Kit Components

Intel Components

- Intel® Arria® 10 FPGAs, PACs with Intel® Acceleration Stack software, Intel Xeon® processors, Intel® BigDL Learning software

Hardware

- Dell R740 or HPE DL380 servers

Software

- Docker Containers, VMware

Operating System

- Ubuntu

Resources

MEGH kits are described at: [MEGH Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Solution Brief](#)
- [Technical Manual](#)
- [Intel BigDL API](#)
- [Spark Streaming API](#)
- [Release Notes](#)
- [News Article](#)

NEXCOM Robot PDM



Kit Overview

The Robot PDM kit is a complete AIoT kit designed to address the biggest challenges in Industry 4.0 robotic automation. The kit's compact PDM300-RBT is equipped with AI vision capabilities and uses machine learning and quick model building to generate advanced, yet intuitive robot predictive diagnostics. It enables users to optimize the performance of articulated robots.

Value Prop

- Optimize robot operations with an intuitive solution that eliminates the need for a diagnostics expert
- Deploy quickly and painlessly with a universal add-on solution that can be installed in minutes
- Reduce downtime and costs with a built-in AI that automatically monitors and diagnoses a robot's performance and condition

Geo & Purchase Contacts

Availability: Europe; Americas; Southeast Asia; Asia/Pacific/Japan; PRC; Australia/New Zealand

Intel contact:

victor.s.arabagian@intel.com

Partner contact:

tinacheng@nexaiot.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy

Kit Components

Intel Components

- Intel® Core™ i3-76100TE Processors

NEXCOM Hardware

- NIFE300, Accelerometer Sensor, Accelerometer cable
- Magnetic base, NISE3800 SAP Edge Server

Software

- Robot PDM, IoT Studio, SAP Edge Service Package

Cloud Service Provider

- AWS, Google Cloud Platform, Microsoft Azure, Private/On-Premises, SAP Cloud Platform

Operating System

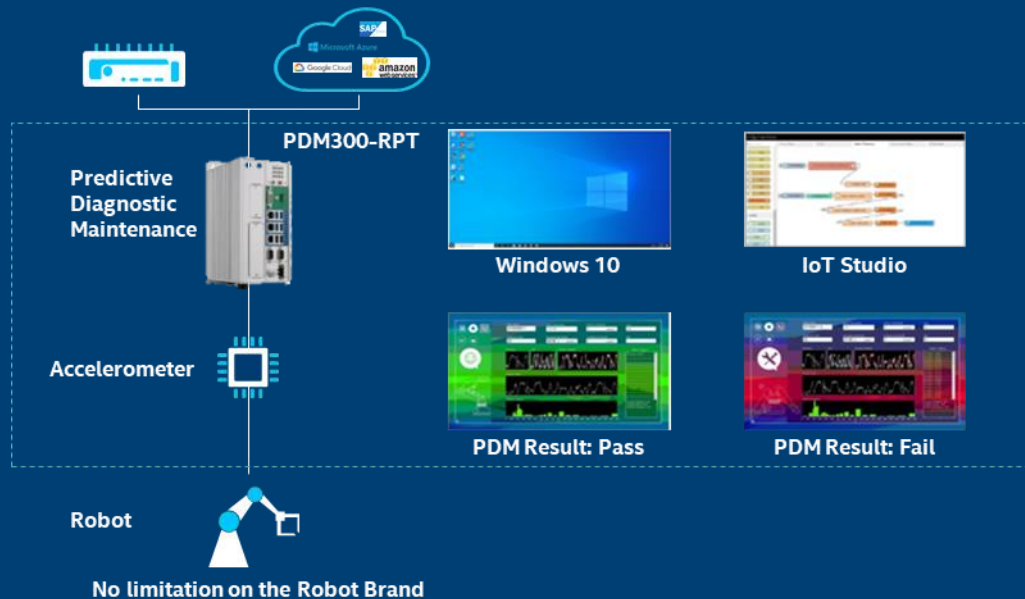
- Windows 10, Yocto, Linux

Resources

NEXCOM kits are described on [Nexcom's webpage](#). To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Solution Webpage](#)
- [Datasheet \(PDF\)](#)
- [Solution News Article](#)



AxxonSoft Axxon Next Video Surveillance and Analytics Kit



Kit Overview

This solution is an open-platform enterprise-level video management software solution that provides a variety of video capabilities for a project, scale, and complexity. Anywhere where safety and security are a matter of high importance, from an office to public transportation systems, it helps people to maintain secure conditions.

Value Prop

- Improve situational awareness with face capture, ALPR, condensed visual scene synopsis, and a customizable forensic search tool
- Easily solve surveillance-related tasks with a flexible GUI that makes operator workloads easier and faster
- Meet future customer needs by deploying a solution compatible with a variety of Intel Architecture

Geo & Purchase Contacts

Availability: Worldwide

Intel contact:
willie.chow@intel.com

Partner contact:
John_L_Bacon@Dell.com
kate.khasarokova@axxonsoft.com

Relevant Verticals

(click to see full list of kits for each vertical)

Government	Retail	Education
Transportation	Hospitality	Other
Manufacturing	Energy	Banking/FSI

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization	Situational Monitoring	Interactive Media
---------------------------------	------------------------	-------------------

Kit Components

Intel Components

- Intel® Movidius™ Myriad™ X and Intel® Xeon® processors

AxxonSoft Hardware

- PowerEdge R740xd Rack Server

Software

- Axxon Next VMS
- Operating System**
- Windows or Ubuntu (in development)

Resources

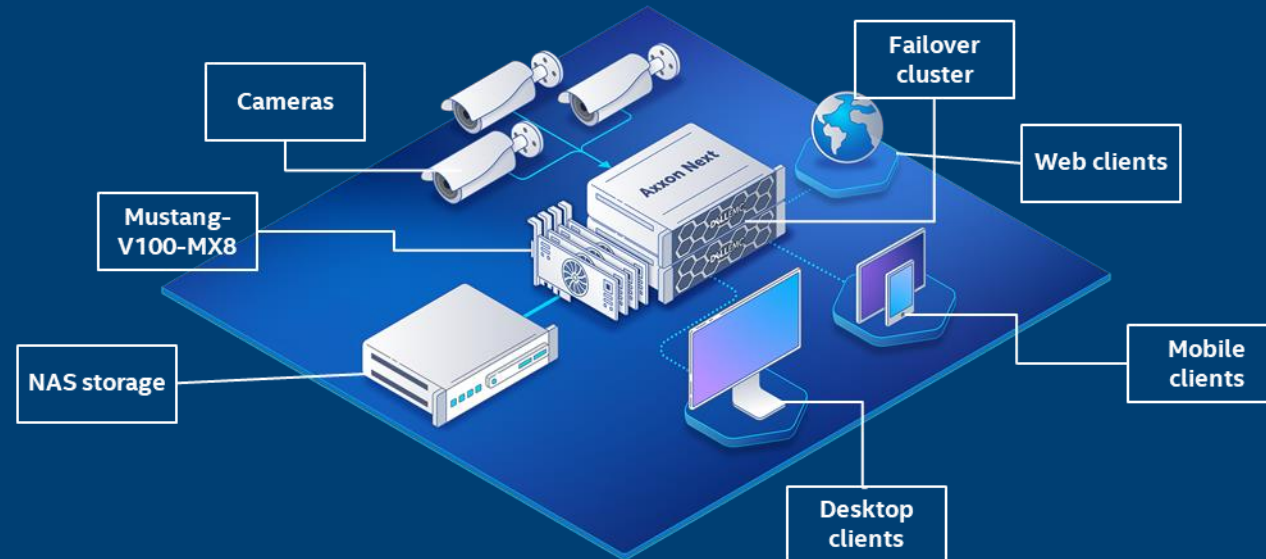
AxxonSoft solutions are described at: [AxxonSoft website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Kit Introduction](#)
- [AxxonSoft Case Studies](#)
- [Technical Specifications](#)
- [AxxonSoft Support](#)

Axxon Next Video Surveillance and Analytics Kit Architecture



ADLINK AI-Enabled Machine Vision Kit



Kit Overview

The ADLINK AI-enabled Machine Vision Kit eliminates the gap from development to product rollout by quickly and easily integrating conventional machine vision solution and AI deep learning technology. This integration fulfills the requirement of specific applications and can shorten application development time.

Value Prop

- Optimize product packing and improve product quality with AI at the Edge to ensure that product is tracked and inspected accurately
- Reduce machine downtime and increase productivity by implementing equipment failure predictions
- Bring intelligence and automation to labor-intensive processes with vision data and insights that can be acted on in the moment

Geo & Purchase Contacts

Availability: Europe, Americas, Southeast Asia, APJ, PRC, Australia/New Zealand

Intel contact:
brian1.lin@intel.com

Partner contact:
niels.kortsee@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Situational Monitoring

Kit Components

Intel component

- Intel® Core™ i7 processor
- Intel® Movidius™ Myriad™ X VPU
- Intel® Distribution of OpenVINO™ toolkit, Intel® EIS™ (R2.0) (Optional)

OS

- Windows
- Ubuntu

Cloud Service Provider

- AWS
- Microsoft Azure

Private Software

- ADLINK EDGE™ SDK (ADLINK Data River™)
- Intel® Distribution of OpenVINO™ toolkit
- Intel® EIS™ (R2.0) (Optional)

Hardware

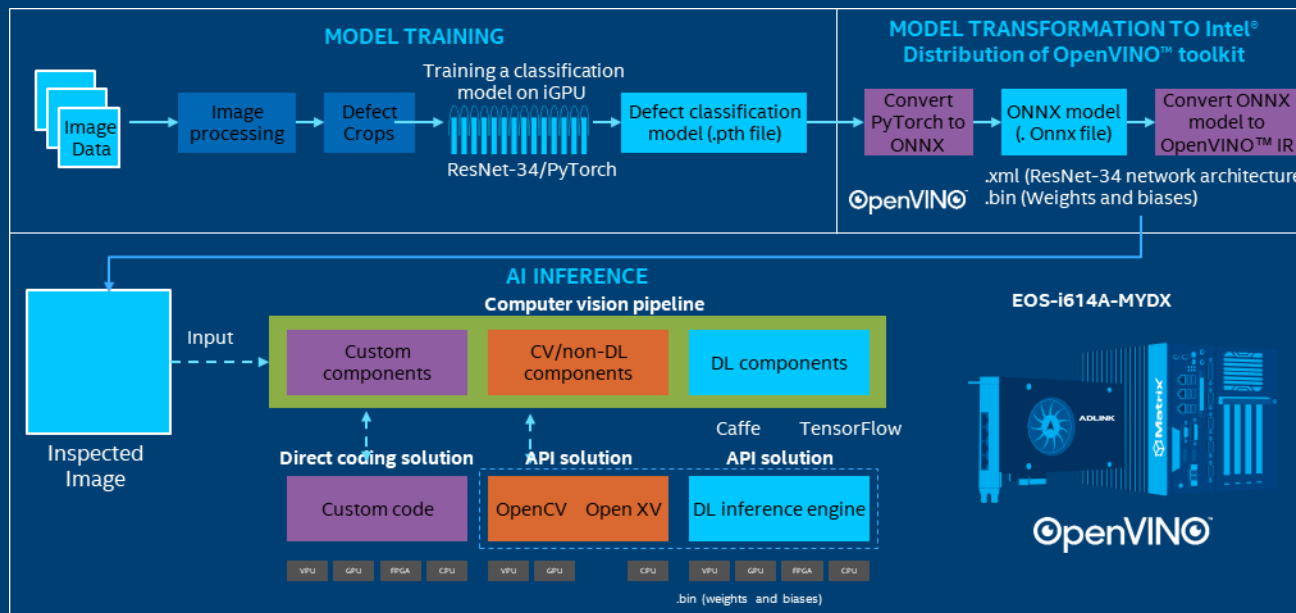
- 4 ToE/PoE+ Image Capturing Modules
- WIBU Security

Resources

ADLINK solution is described at: [Solution Kit Webpage](#)
To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit the following:

- [ADLINK Website](#)
- [ADLINK Solution Brief Overview](#)



ADLINK Edge™ Smart Pallet



Kit Overview

The ADLINK Edge™ Smart Pallet solution kit helps automate palletization and package-tracking accuracy using AI-based machine vision technology. It enables businesses to streamline processes and increase customer satisfaction in a cost-effective manner.

Value Prop

- Generate higher profits by reducing spoilage and sunk costs
- Increase productivity and shipment volumes with machine vision to verify order contents in real time
- Enable creation of new products or services that are customized and generate new revenue streams
- Create more ergonomic and safer work environments with instant connectivity

Geo & Purchase Contacts

Availability: Worldwide

Intel contact:
brian1.lin@intel.com

Partner contact:
stephen.gereb@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Situational
Monitoring

Logistics & Tracking

Asset & Operations
Optimization

Control Optimization
& Autonomy

ADLINK Edge™ Smart Pallet



Acquire training images
and recordings

Gather
images

Mark
Objects

Train

Test

OpenVINO™



Kit Components

Intel component: Intel® Atom™ E3845 (1.91 GHz)

OS: Windows 7; Windows Embedded Standard 7

Cloud Service Provider: Amazon Web Services; Google Cloud Platform; IBM Cloud; Microsoft Azure

Software: ADLINK Edge™ IoT Software Platform, Intel® Distribution of OpenVINO™ toolkit, Edge IoT Apps

Hardware: ADLINK NEON-1000-MDX Smart Camera (opt.)

Resources

The ADLINK solution is described at: [Solution Kit Webpage](#)

To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit the following:

- [ADLINK Website](#)
- [Data Sheet](#)
- [User Guide](#)
- [API/SDK](#)
- [Solution Kit Video](#)

Macnica SENSPIDER



Kit Overview

The kit enables systems integrators to build customized solutions for their customers across industrial use cases that include machine condition monitoring, abnormality detection, and predictive maintenance. Users can deploy a compact sensor gateway designed for hyper-efficient analog data acquisition and local AI analysis.

Value Prop

- Deploy a highly compatible kit that works with nearly all analog sensors
- Lower service costs with real-time monitoring of machines and production
- Improve operational efficiency with flexible AI models that simplify data acquisition

Geo & Purchase Contacts

Availability: APAC, Japan

Intel contact:

ken.fukasawa@intel.com

Partner contact:

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Relevant Verticals

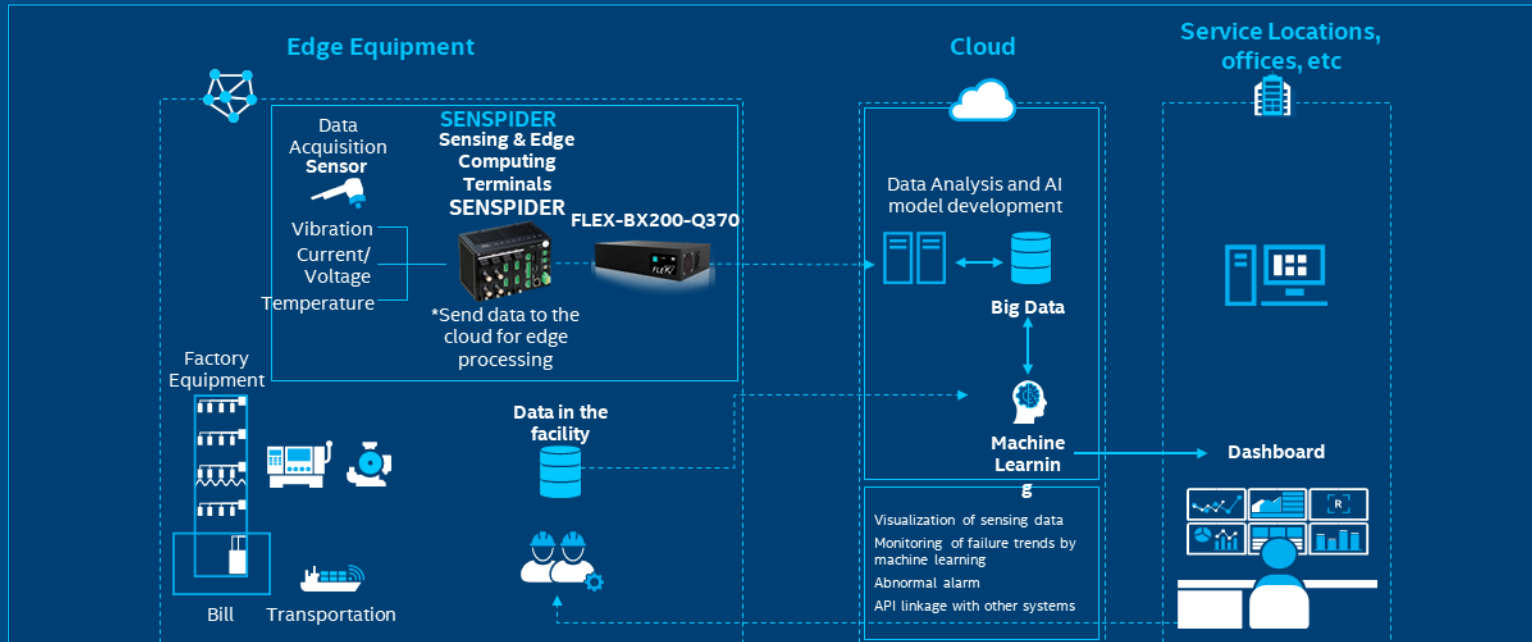
(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Machine Condition Monitoring



Kit Components

Intel hardware

- Intel® Cyclone® V SoC FPGAs
- Intel® Core™ i5 processors

Macnica hardware

- SENSPIDER
- Interface Card
- Sensors
- IEI FLEX-BX200-Q370

Macnica software

- Data capture software
- AL module
- Data analyze software for Industrial PC

Resources

Macnica kits are described at: [Macnica Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Macnica Website Kit Overview](#)
- [Kit Unboxing Video](#)

EverFocus Soter64 Server System for AIoT



Kit Overview

The EverFocus Soter64 is a high-performance, high-capacity network recording server powered by the Intel® Xeon E-2124G processor. In addition to the general recording and playback functions, the EverFocus Soter64 can be equipped with AxxonSoft CMS software to enable AI intelligent video analysis and CMS functions.

Value Prop

- **Provide easy cloud data management** for both the public and private cloud with a large capacity central data storage device equipped with hardware-based security technology
- **Enable multi-channel IoT operations** over a reliable network with real-time streaming and playback
- **Empower advanced AI media analytics** by pairing high-performance CPUs and VPUs with AxxonSoft CMS software to enable advanced AI video functions and DL

Geo & Purchase Contacts

Availability: Americas; Asia/Pacific/Japan; Europe/Middle East/Africa; PRC.

Intel contact:

eugene.wang@intel.com

Partner contact:

irene_yang@everfocus.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Retail	Hospitality	Education
Government	Transportation	Other

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring	Other
------------------------	-------

Kit Components

Intel Components

- Intel® Xeon® E-2124G processors
- Intel® C246 Chipset

Software

- AxxonSoft CMS (optional)

Cloud Service Provider

- Alibaba Cloud; Amazon Web Services; Google CloudPlatform; IBM Cloud; J Cloud/JD.com; Microsoft Azure; Other

EverFocus hardware

- Soter64 – NVR Server System
- Redundant Power x 2
- 3.5" HDD Screw x 35
- MINI DP to DVI connector x 4
- Slide Rail Kit x 1
- Slide Rail screw x 2
- Graphics and Quick Installation Guide x 1
- IP Camera, 3.5 " HDD, PoE Switch (optional)

Operating System

- Windows 10 LTSC

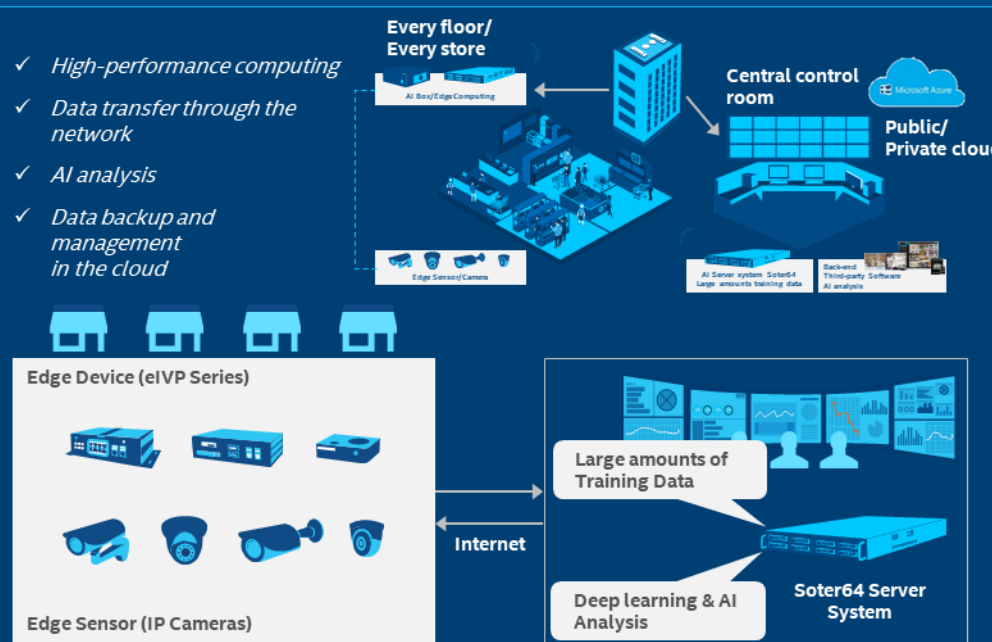
Resources

EverFocus kits are described at: [EverFocus Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [EverFocus Kit Introduction](#)
- [Soter64 Product Page](#)
- [EverFocus News Article](#)



AAEON UP Xtreme Edge Compute Enabling Kit



Kit Overview

The AAEON UP Xtreme Edge Compute Enabling Kit is a production-ready industrial computing platform that system integrators can employ and scale for AI-inference on the edge. Powered by ultra-low power Intel processors, the fanless system delivers a comprehensive feature set, with the Ubuntu operating system to speed up development time.

Value Prop

- **Gain AI technology** with inter-disciplinary, production-ready AI solution that the interoperability of data processing at the edge
- **Perform in harsh conditions** with ultra-low-power Intel processors and a fanless chassis for industrial performance in extreme environments
- **Expand and develop easily** with multiple expansion options using supported I/O to accelerate deployment for fast time to market

Geo & Purchase Contacts

Availability: Americas, Europe, South Africa, Asia-Pacific, Japan, Taiwan

Intel contact:

Robert Kamp - robert.kamp@intel.com

Partner contact:

Owen Wei - owenwei@aaeon.eu

Relevant Verticals

(click to see full list of kits for each vertical)

Banking/Financial Services

Retail

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel Components

- Intel® Core™ i3, i5, i7 processors
- Intel® Celeron processor
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Media SDK
- Intel® Distribution of Python*

AAEON UP Hardware

- UP Xtreme Edge Compute Enabling Kit

Cloud Service Provider

- Microsoft Azure
- **preinstalled Software**
- MRAA and UPM I/O and sensor libraries for C++, Python*, Java*, and JavaScript*
- Docker-CE
- K3s Kubernetes
- ONNX
- AWS Greengrass
- **Operating System**
- Ubuntu

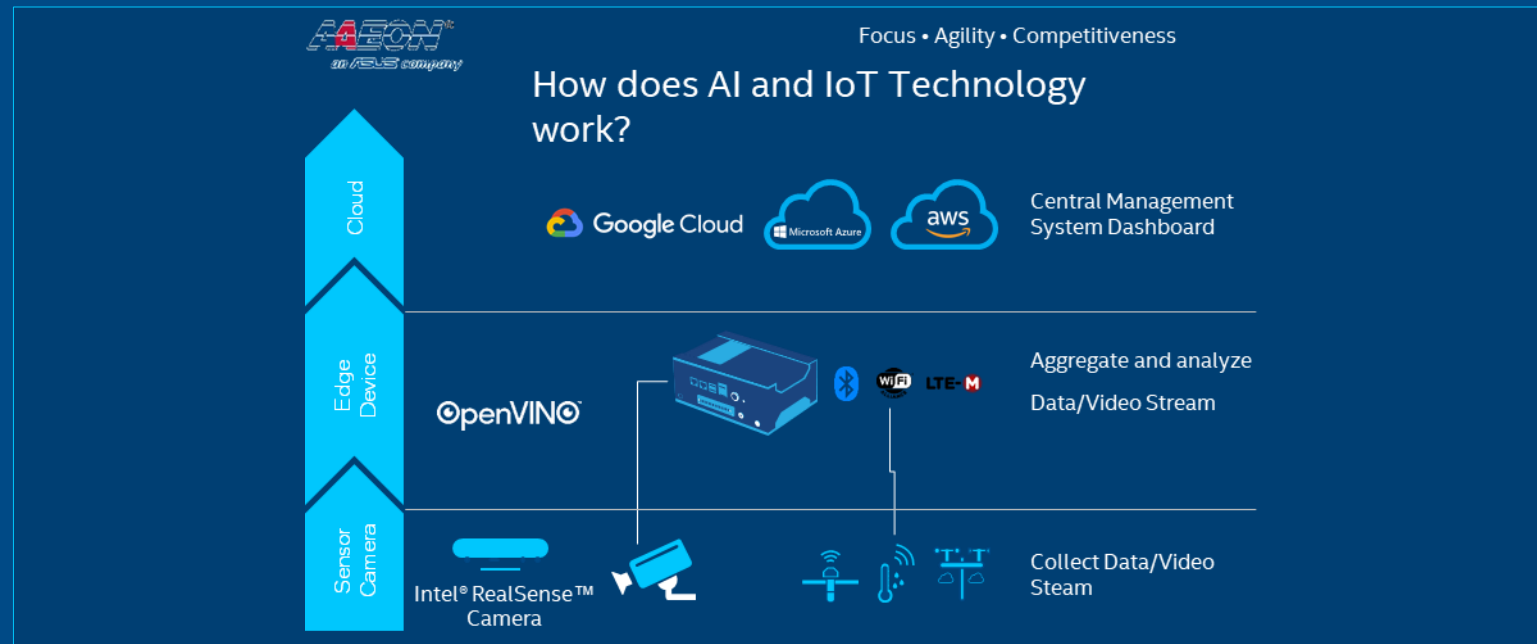
Resources

AAEON UP kits are described at: [UP Xtreme Edge Compute Enabling Kit](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Intel Vision Solutions](#)
- [UP Community Forum and User Questions](#)



Herta BioAccess



Kit Overview

The Herta BioAccess technology supports verification of user identities from access control lists to secure physical locations such as buildings, offices, or data centers. It performs regardless of partial face occlusions and is capable of enrolling users to access control lists with on-the-fly video streaming.

Value Prop

- **Enable real-time identity verification** with a kit that uses face biometrics for access control across a wide range of use cases
- **Empower on-the-fly access list user enrollment** through video streaming capabilities for simple user management
- **Deploy a scalable facial recognition kit** with versatile applications for personnel identification in a variety of scenarios

Geo & Purchase Contacts

Availability: Global

Intel contact:

Mahmut Meral –
Mahmut.meral@intel.com

Partner contact:

Baha Ersin –
Baha.Ersin@hertasecurity.com

Relevant Verticals

(click to see full list of kits for each vertical)

Agriculture	Banking/ Financial Services	Education
Energy	Other	Government
Health & Life Sciences		

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy	Situational Monitoring
---------------------------------	------------------------

Kit Components

Intel Components

- Intel® NUC
- Intel® Core™ i7
- Intel® Xeon® processors

Herta Security Software

- BioAccess

Cloud Service Provider

- On-premises

Operating System

- Windows

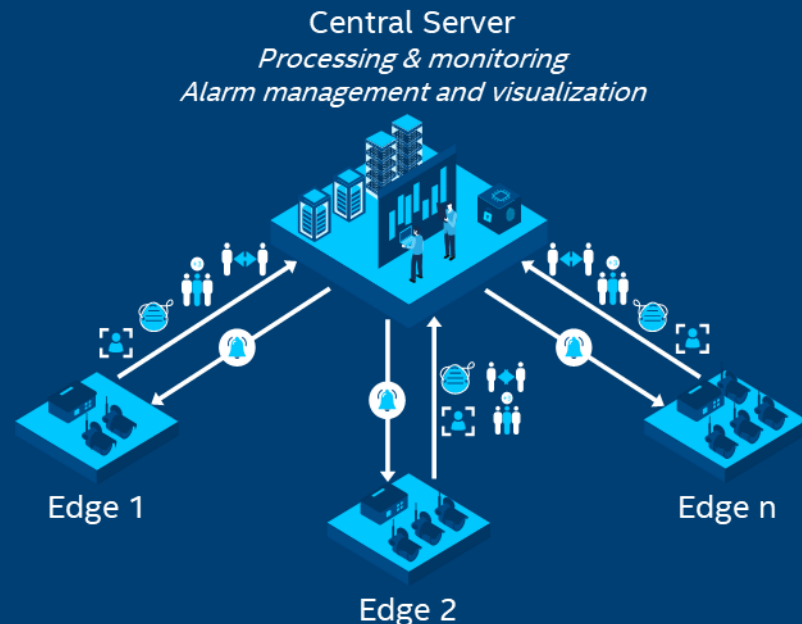
Resources

Herta Security kits are described at: [Herta Security Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Herta BioAccess Datasheet](#)



Tukuoro Voice Platform Enablement Kit



Kit Overview

This voice interface technology enables any device to operate by voice command and be used touch-free across a variety of devices. The kit strictly adheres to regulation and privacy rules, allowing companies to take advantage of emerging technologies with the knowledge the users' data is secure.

Value Prop

- Implement Voice Interaction Technology Software across various use cases and segments
- Set up in as little as a few hours across a variety of devices, platforms, languages, and use cases so companies can reduce time to market
- Ensure implementation complies with global privacy regulations to safeguard business data ownership and user data privacy

Geo & Purchase Contacts

Availability: Worldwide

Intel contact:
Farhaan Mohideen
farhaan.mohideen@intel.com

Partner contact:
Amir Tsrouya
amir@tukuoro.com

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Retail

Banking/FSI

Hospitality

Health & Life Sciences

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Other

Kit Components

Intel Components

- Intel® Core™ i7
- Intel® OpenVINO™ toolkit

Tukuoro hardware

- Voice Platform Enablement Kit

Tukuoro Software

- Tukuoro Contextual Processing Engine
- Edge Device Voice Layer SDK

Operating System

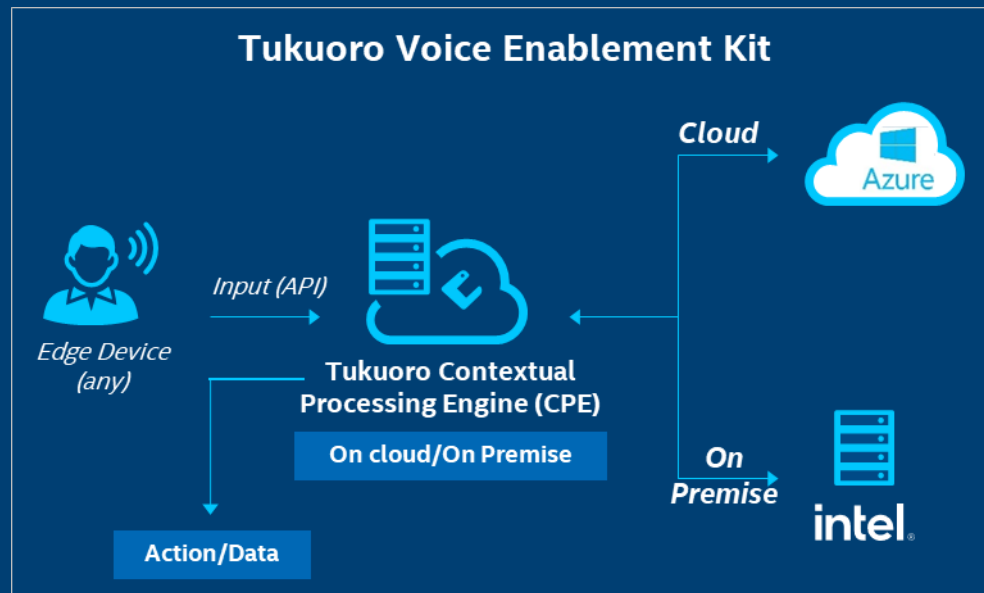
- Windows Server 2019

Learn More

Tukuoro kits are described at: [Tukuoro Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

Tukuoro Voice Enablement Kit



Reliant Edge Platform



Kit Overview

Reliant Edge Platform is a complete edge computing solution for retail, hospitality, c-stores, and customer-facing industries built to provide a holistic approach to application hosting, configuration management, orchestration, integrated monitoring and data collection. Reliant offers a scalable platform to integrate new & legacy systems into one holistic system through virtualization, centralized management, and comprehensive monitoring.

Value Prop

- **Deliver faster digital innovation** without having to replace legacy applications
- **Centrally manage remote locations** with rapid innovation capabilities for IT teams to quickly deploy, manage, and support hosted applications with consistent operations across multiple platforms and site formats
- **Replicate the power of the Cloud** near endpoints and consumers, connected IoT devices, and locally hosted applications for high availability, continuous operations, and faster response times

Geo & Purchase Contacts

Availability: Worldwide

Intel contact:
Kristopher Sundby
kristopher.sundby@intel.com

Partner contact:
Phil Stead
pstead@reliant.io

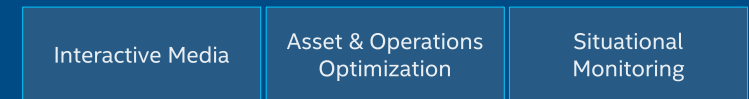
Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel hardware

- Intel® Xeon® Processors
- Intel Atom® Processors

Reliant hardware

- Reliant runs on any Intel x86 platform

Reliant software

- Reliant Edge Platform
- Reliant Platform Manager

Operating System

- Debian Linux

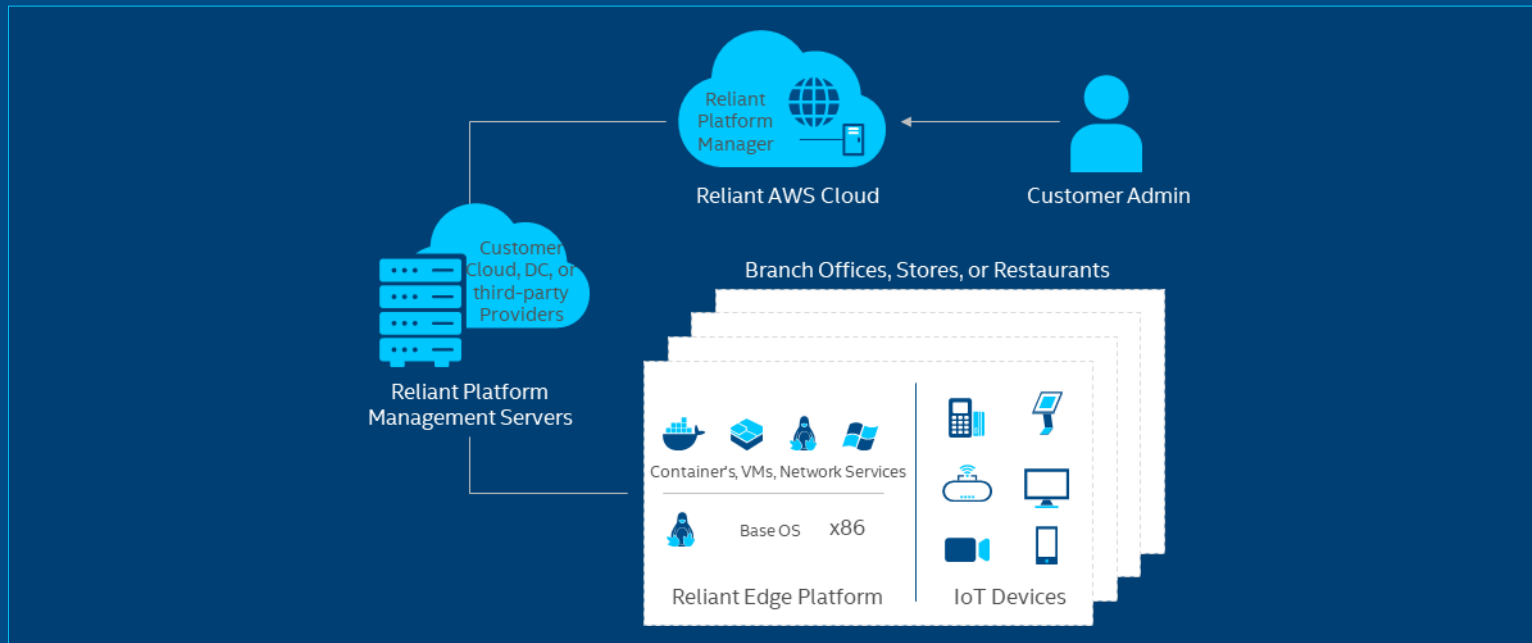
Cloud Service Provider

- Amazon Web Services
- Microsoft Azure

- Any Authorized third-party Cloud Provider, DC, Customer Cloud

Features

- Centralized Management
- Virtualization/ Containerization
- Integrated CI/CD
- Configuration Management
- Integrated Monitoring
- Data Collection
- Microservices



Learn More

Reliant Edge Platform solution is described at: [Reliant.io Website](https://reliant.io)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

AOPEN Digital Safety Solutions



Kit Overview

The AOPEN Digital Safety Solutions kit provides a combination of surveillance hardware and analytics software to monitor retail store traffic, report anomalies during off-hours times, and enhance security of an environment. Built-in security measures ensure a customer's system and data are protected at the edge, allowing them to scale operations worry-free.

Value Prop

- Build at scale with integration across analytics, hardware, and software in five different SKUs in three different form factors
- Utilize a pre-loaded solution in the Milestone VMS with integrated SAIMOS analytics that allows for faster deployment and scale from a few local cameras to thousands spread across an organization
- Optimize powerful edge workloads with Intel® Movidius™ VPUs that accelerate computer vision and AI edge inference workloads

Geo & Purchase Contacts

Availability: EMEA region

Intel contact:
Arkadiusz Hruszowiec
arkadiusz.hruszowiec@intel.com

Partner contact:
Eline Wester
elinewester@aopen.com

Relevant Verticals

(click to see full list of kits for each vertical)

Education	Retail
Hospitality	Government

Relevant Use Cases

(click to see full list of kits for each use case)

Environment Monitoring

Kit Components

Intel hardware

- Intel® Core™ i5
- Intel® Core™ i7
- Intel® Movidius™ VPUs

Kit software

- Milestone VMS
- SAIMOS analytics
- Cloud Service Provider
- Private/on-premises

AOPEN hardware

- DEX5550-MS
- DEV7610-MS
- DEV7610-MS AI X4
- DEV8430-MS
- DEV8430-MS AI X8

Operating System

- Windows 10 IoT

Learn more

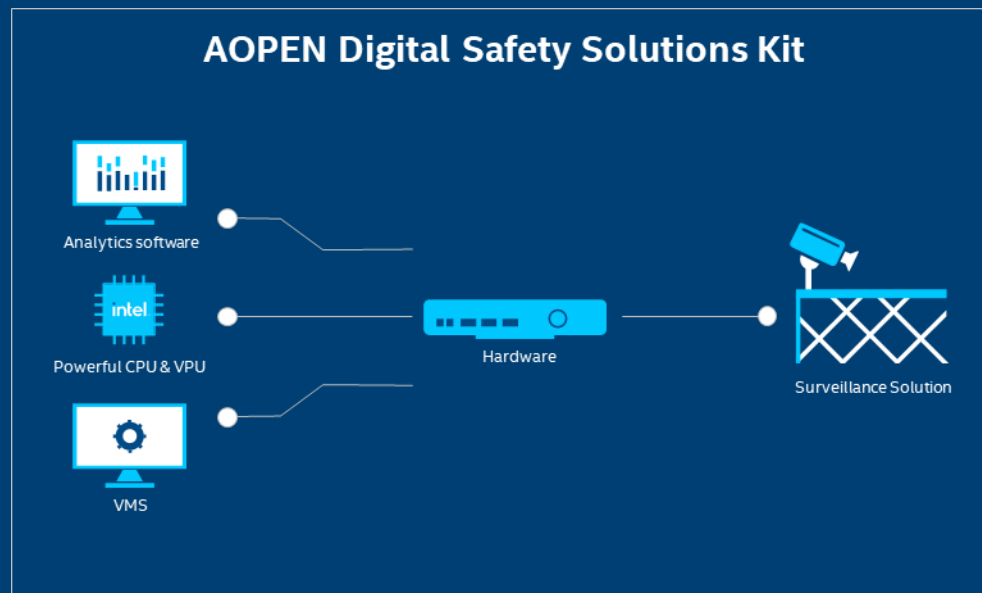
AOPEN kits are described at:
[AOPEN Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Surveillance Solutions](#)
- [Solutions Directory](#)

AOPEN Digital Safety Solutions Kit



AAEON Forest and Building Fire Detection Kit



Kit Overview

AAEON's Forest and Building Fire Detection Kit is an intelligent AI solution to forecast and detect fires using integrated edge and cloud devices within the monitoring system. System integrators implement the kit for environmental monitoring and surveillance of buildings to reduce the frequency and damage of fires.

Value Prop

- **Reduce time for emergency response communication** with an automated management system supported by flexible AI
- **Experience high accuracy fire detection** with thermal imaging and video surveillance that ensures image quality
- **Trust reliable hardware and software** with durable equipment adapted to harsh environments and stable operating systems for easy to master user management

Geo & Purchase Contacts

Availability: APJ-T

Intel contact:

Ashley Hsiao -
Ashley.Hsiao@intel.com

Partner contact:

Efen Chung -
efenchung@aaeon.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Agriculture

Relevant Use Cases

(click to see full list of kits for each use case)

Environment Monitoring

Kit Components

Intel Components

- Intel® Xeon® Processors
- Intel® Core™ i3
- Intel Movidius VPUs
- Intel® Distribution of OpenVINO™ toolkit

AAEON Hardware

- Edge Box PC (BOXER-8320AI)
- GPU Server (BOXER-6842M with Intel® Xeon® E2124G)

Kit Software

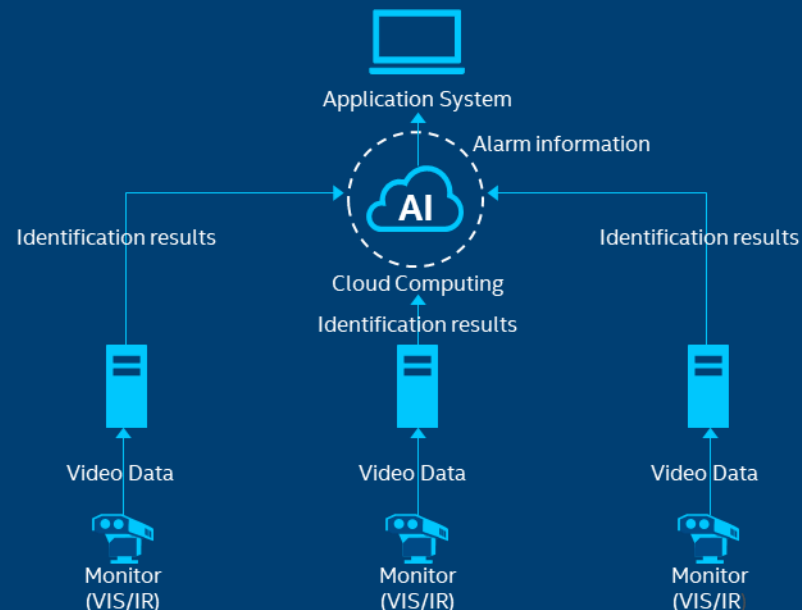
- Enbo tech

Cloud Service Provider

- Microsoft Azure
- Alibaba Cloud
- Google Cloud Platform
- Private/On-Premises

Operating System

- Windows



Learn more

AAEON kits are described at:
[AAEON Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [AAEON Forest and Building Fire Detection Campaign Video](#)

AAEON Atlas: Intelligent Control System for Smart City



Kit Overview

The powerful edge node of the AAEON Atlas Intelligent Control System transforms the management and administration of smart city data. Equipped with Intel® Vision Products, AAEON Atlas edge node is flexible in enabling users to convert AI and deep learning algorithms across smart city use cases.

Value Prop

- **Increase roadway efficiencies** with an edge node to implement greater surveillance and help reduce roadway congestion
- **Reduce operational costs** with a high compute, customizable network for industry-leading performance
- **Offer a reliable smart city platform** with end-to-end security across the IoT network that can analyze data at the edge for quick decision making

Geo & Purchase Contacts

Availability: APJ-T

Intel contact:
Ashley Hsiao -
Ashley.Hsiao@intel.com

Partner contact:
Efen Chung -
efenchung@aaeon.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Relevant Use Cases

(click to see full list of kits for each use case)

Environment
Monitoring

Situational
Monitoring

Kit Components

Intel Components

- Intel® Atom® x7-E3950 Processor
- Intel® Distribution of OpenVINO™ toolkit
- Intel Movidius VPU

AAEON Hardware

- Atlas Camera Module

Software

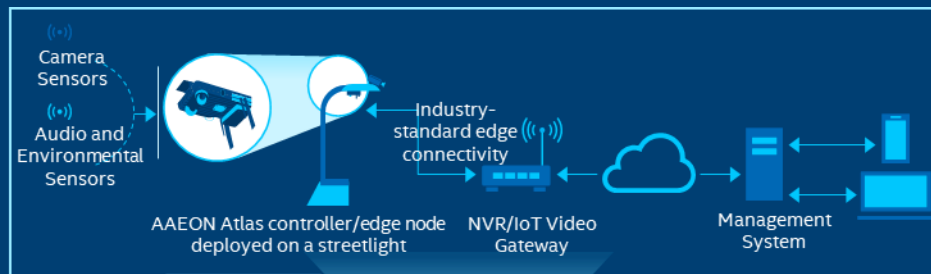
- IPC software stack
- TensorFlow

- Caffe

- MXNET
- Data center E2E engine

Cloud Service Provider

- Alibaba Cloud
- Amazon Web Services
- Google Cloud Platform
- Microsoft Azure
- Private/On-Premise



Traffic Patterns
Video analysis of traffic

Advertising Cameras
Collect advertising revenue

Intelligent Camera
Video analysis of incident Cameras

Parking
Monitor parking violations

Environmental Monitoring
Monitor air, chemical, and pollen pollution

Emergency responses
911 operator-controlled location identification

Learn More

AAEON kits are described at:
[AAEON Smart City Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Intel Product Brief](#)

Vispera Shelvesight Retail Monitoring System



Kit Overview

Vispera Shelvesight is a shelf monitoring and inventory management system that uses shelf-facing cameras and on-premises computing for real-time visual inference at the edge to help prevent out-of-stock events and detect and track products on shelves for improved inventory management.

Value Prop

- **Prevent costly out-of-stock situations** through real-time inventory monitoring and prevent losing out on sales opportunities with live alerts when a product is out-of-stock
- **Increase ROI** by using focused insights to identify where sales and profits are realized
- **Optimize space planning** and pioneer the market and increase downstream visibility with actionable, real-time shelf data and a variety of KPIs and views

Geo & Purchase Contacts

Availability: North America, South America, Europe, Middle East, Africa

Intel contact:
Mahmut Meral – mahmut.meral@intel.com

Partner contact:
Erdem Yoruk – e.yoruk@vispera.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

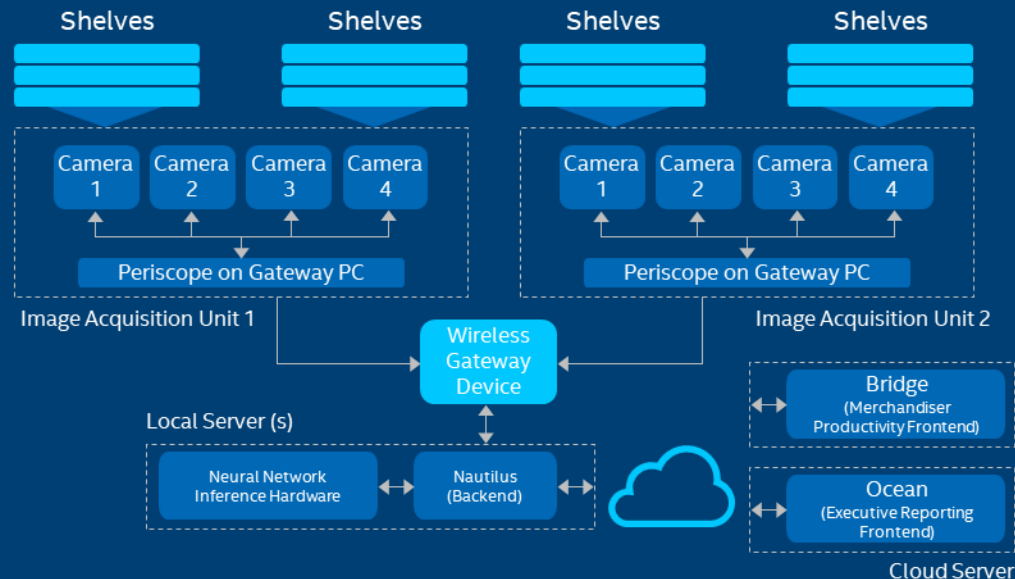
Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Logistics & Tracking

How it works



Kit Components

Intel Components

- Intel® SSD
- Intel® Xeon® Platinum 8160 Processors

Vispera Hardware

- Cisco UCS C220 M5 Rack Server
- Dell power edge R440

Vispera Software

- Vispera Shelvesight

Cloud Service Provider

- AWS
- Microsoft Azure

Operating System

- Windows

Learn More

Discover more with:
[Vispera Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Intel and Vispera ShelfSight White paper](#)

Panasonic KAIROS Live Video Processing Platform



Kit Overview

Panasonic KAIROS Live Video Processing Platform is an IT/IP-centric live video production system that utilizes the power and flexibility of its CPU and GPU to free users from the constraints of traditional hardware-based systems for more efficient production of live video.

Value Prop

- **Deploy rapidly** with a cutting-edge system that is software-based, making it easily deployable and installed on pre-existing PCs
- **Ensure scalability** with a platform that is resolution and format independent to ensure the ability to accommodate future technology
- **Streamline event coordination** through a platform that combines the control of all live event devices on one software for centralized management and only one frame of latency

Geo & Purchase Contacts

Availability: North America, South America, Europe, Japan, China
Intel contact:
 Michio Kunitomi - michio.kunitomi@intel.com
Partner contact:
 Katsuyoshi Oshimo - ohshimo.katsuyoshi@jp.panasonic.com

Relevant Verticals

(click to see full list of kits for each vertical)

Gaming & Entertainment

Relevant Use Cases

(click to see full list of kits for each use case)

Other

Kit Components

Intel Components

- Intel® Xeon® Processors
- Intel® ethernet network adapters

KAIROS Hardware

- KAIROS Control

KAIROS Software

- KAIROS Core
- KAIROS Creator

Cloud Service Provider

- Private/On-Premises

Operating System

- Windows
- Ubuntu

Learn More

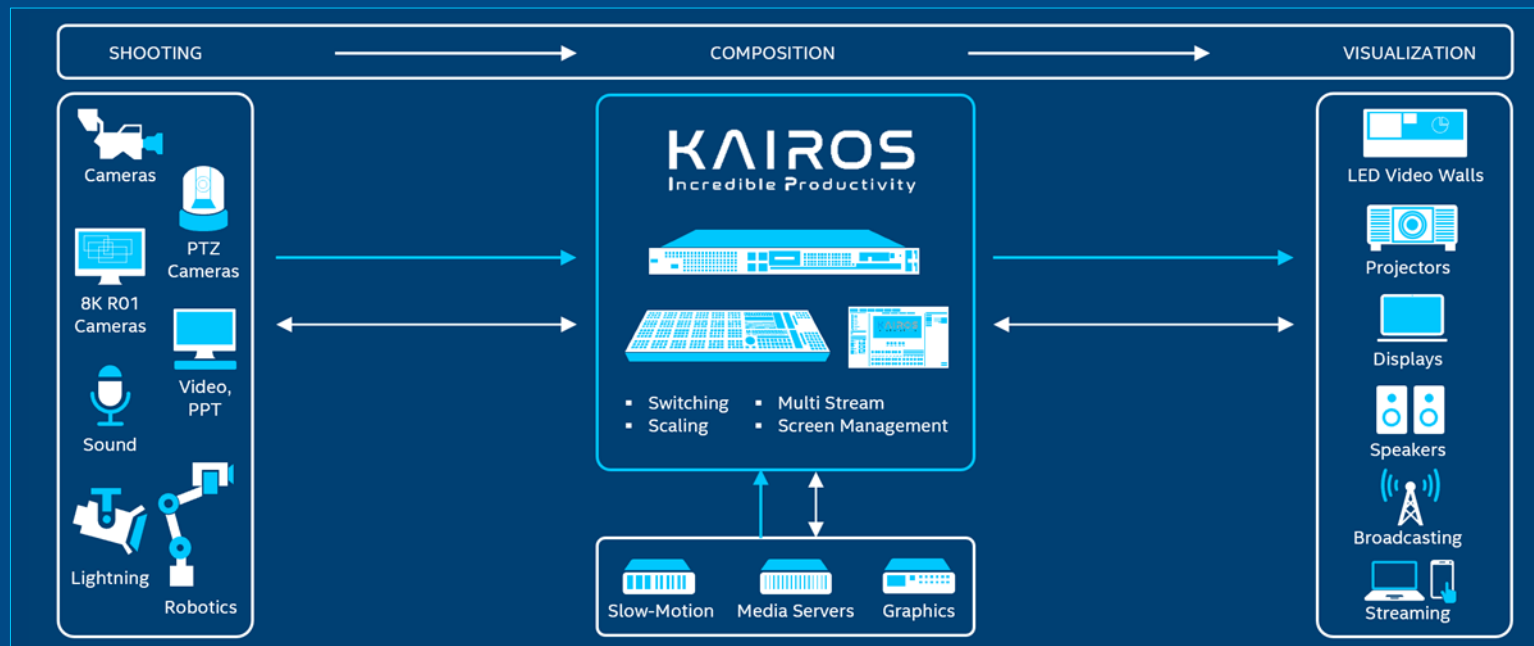
Discover more with:

- [KAIROS Platform webpage](#)
- [KAIROS Platform informational video](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [KAIROS Platform brochure PDF](#)



Macnica Intelligent Stereo Camera Kit



Kit Overview

This Macnica Intelligent Stereo Camera kit combines two image sensors, cutting-edge SRIM technology, and Intel® FPGAs in a lightweight, waterproof, and dustproof camera housing to deliver object recognition and 3D distance measurement capabilities in real time.

Value Prop

- **Deliver real-time capabilities** for object detection, object tracking, and 3D measurement with SRIM technology
- **Build on a flexible platform** designed for installation on vehicles, construction machinery, drones, and robots
- **Drive data accuracy** with automatic calibration capabilities designed to help maintain optimum accuracy

Geo & Purchase Contacts

Availability: Brazil, Japan, PRC, USA

Intel contact:
takayuki.ikushima@intel.com

Partner contact:
osano-h@macnica.co.jp

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation

Manufacturing

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking

Other

Kit Components

Intel Components

- Intel® Core™ i3/i5/i7 Processor
- Intel® Cyclone® V FPGA

Macnica Hardware

- ISC-100VM-4020ST

Operating System

- Windows

Additional Hardware

- ADLINK ROScube-I Controller
- USB Cable

Macnica Software

- Software Development Kit
- ISC Viewer Software

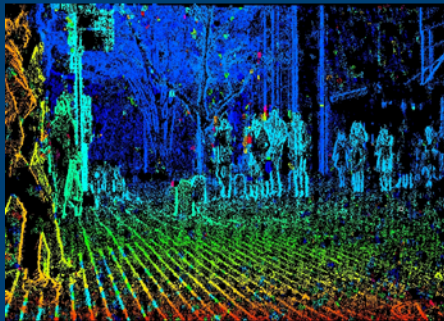
Learn More

Macnica kits are described at: [Intelligent Stereo Cameras Webpage](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Stereo Camera Distance Measurement IP Webpage](#)



Viewer Software



USB Cable



Super Micro Intelligent Retail Edge



Kit Overview

Supermicro's Intelligent Retail Edge provides an integrated software-defined operating platform that significantly simplifies the deployment, management, orchestration, and networking of edge infrastructure and applications.

Value Prop

- Deploy quickly wide variety of industry-leading hardware, purpose-built for the edge and with the ability to run any workload such as VMs, containers, and serverless architecture
- Manage with ease using autonomous, self-managing, self-healing, self-optimizing, and low-touch deployments at scale
- Help protect networks with simple, secure networking with wide-area network optimization and zero-trust architecture

Geo & Purchase Contacts

Availability: Globally - Europe, Americas, Southeast Asia, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contacts:
loTExpert@supermicro.com

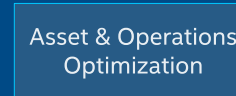
Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel hardware

- Intel® Core™ i7, i5 and i3 Processors
- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ toolkit
- Optional Intel® Movidius™

Partner hardware

- Supermicro Superserver 1019D-16C-FHN13TP
- Supermicro Superserver E100-9W-E
- Supermicro Superserver E300-9D-4CN8TP

Partner software

- NodeWeaver
- NetFoundry NaaS services

Operating System

- Windows
- Linux

Learn More

Super Micro kits are described at: <https://www.supermicro.com/products/index.cfm>

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Supermicro IoT](#)
- [Supermicro product page](#)
- [Intelligent Retail Edge solution brief](#)

A complete edge computing platform providing a reliable, flexible and secure infrastructure solutions



Elitegroup Computer Systems (ECS) Temperature Measuring Camera System



Kit Overview

Elitegroup's Temperature Measuring Camera System allows instant and accurate face temperature monitoring through object detection AI. This kit enables fast responses to potential infection risks while keeping operators socially distant.

Value Prop

- Deploy quickly with simple architecture, easy connection, and straightforward installation software on Windows 10
- Manage with ease by utilizing remote monitoring with support for high temperature alarm settings
- Support a healthy workplace and leverage a dual-lens design made for temperature information, and mask detection

Geo & Purchase Contacts

Availability: Globally - Europe, Americas, Southeast Asia, APJ

Intel contact:
rfp.ready.kits@intel.com

Partner contacts:
jason.ch.hsieh@ecs.com.tw
[Inquiry Form](#)

EBT Detection

Thermophile Body Temperature Cameras (P3T6522E2): This kit supports temperature alarm settings and face regional body temperature via object detection between a 50~80cm distance.

Relevant Verticals

(click to see full list of kits for each vertical)

Health & Life Sciences

Manufacturing

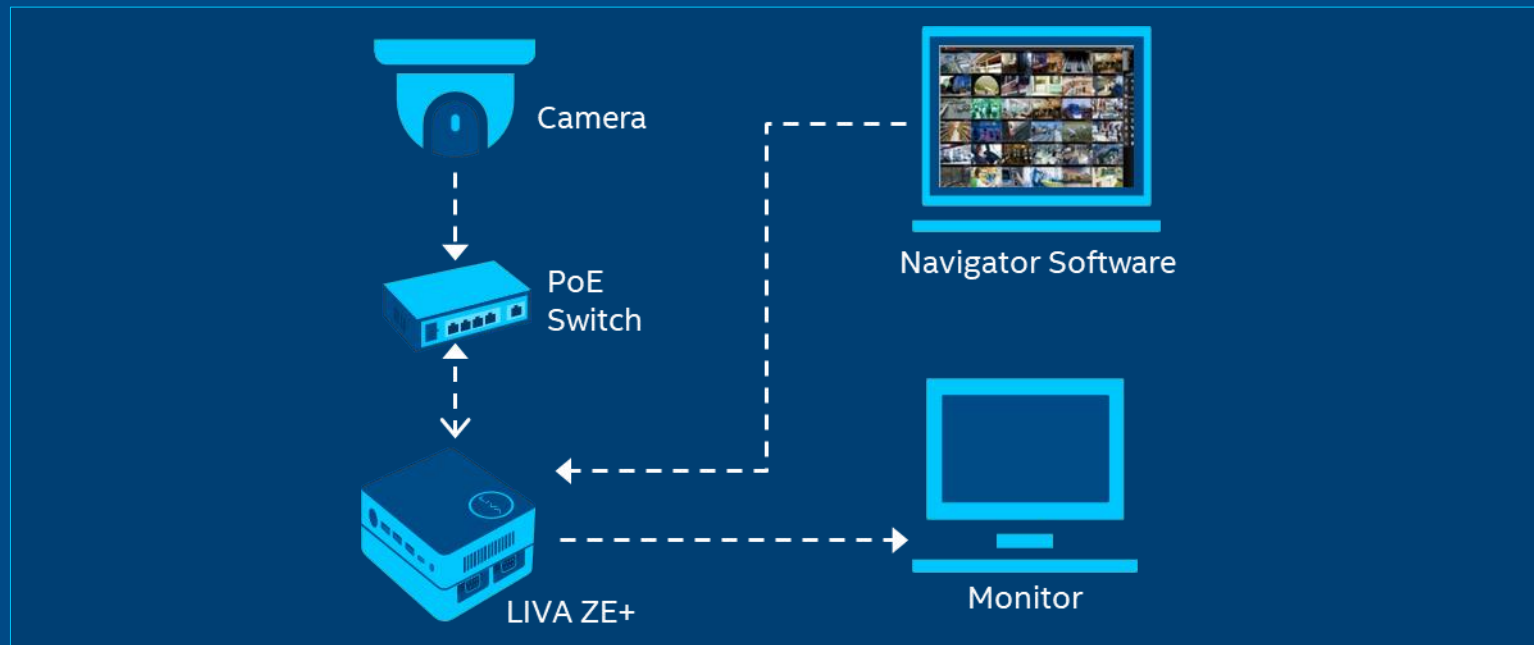
Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness Monitoring

Situational Monitoring



Kit Components

Intel Components

- Intel® Core™ i3
- Intel® Core™ i5-7200U SOC

LILIN Hardware

- 1080p Temperature Measuring Dome IP Camera – P3T6522E2

ECS Hardware

- LIVA ZE+

LILIN Software

- Navigator 3.0

Operating System

- Windows

Learn More

Elitegroup kits are described at: [ECS Global](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [TMCS – Intel® solution marketplace](#)
- [Temperature Measuring Camera system \(ecs.com.tw\)](#)



Intuiface Entrance Flow Management

Kit Overview

The Intuiface Entrance Flow Management solution monitors entry and exits flows, compares entry counts to facility capacity, and displays Stop/Go messaging in various high-traffic spaces. Users can leverage data collected on an Intuiface-hosted, web-based analytics platform to make informed operation decisions.

Value Prop

- **Improve facility operations** with data collection and visitor analytics to support efforts that enhance consumer satisfaction
- **Increase ROI** by implementing people counting systems to identify peak foot traffic for targeted consumer marketing
- **Customize and scale easily** with multiple experiences and options for human-assisted support for people counting efforts

Geo & Purchase Contacts

Availability: Global

Intel contact:

Naren Kumar - narendira.kumar@intel.com

Partner contact:

Geoffrey Bessin - bessin@intuiface.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail	Hospitality	Banking/FSI
Government	Education	Other

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

Intel Component

- Intel® Core™ i5
- Intel® Core™ i7
- Intel® Distribution of OpenVINO™ toolkit

Intuiface Software

- Intuiface

Operating System

- Windows

Learn more

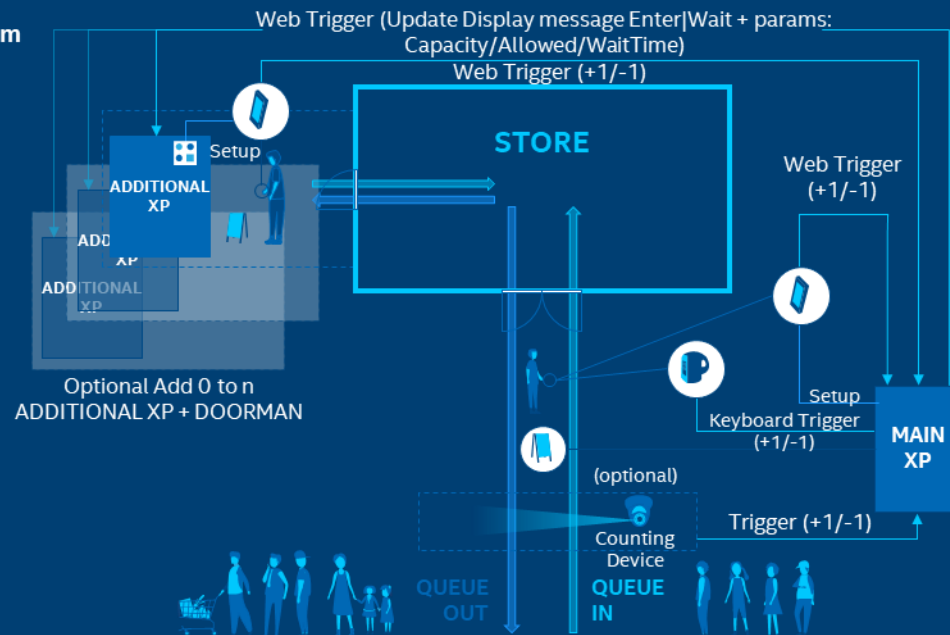
Intuiface kits are described at: [Intuiface Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Entrance Flow Management Webpage](#)
- [Intuiface Help Center – Entrance Flow Management Sample](#)

Workflow Diagram



Advantech Rapid Deploy of Telehealth



Kit Overview

The Advantech Rapid Deploy of Telehealth Solution is a comprehensive telemedicine platform that connects hospitals, care facilities, and community clinics with integrated medical resources and provide a zero-distance care network that responds to remote patients in real time to deliver quality patient care.

Value Prop

- **Ensure scalability** with a system that expands the availability and delivery of healthcare
- **Utilize diverse application** with a system that can be integrated into many different divisions of medicine
- **Streamline deployment** through a comprehensive system that makes organizational transitions to telehealth practices smoother by centralizing telehealth practices in a single system

Geo & Purchase Contacts

Availability: The Advantech Telehealth Solution is available worldwide

Intel contact:

Jocelyn Lin –
Jocelyn.lin@intel.com

Partner contact:

Alison Tsai –
alison.tsai@advantech.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

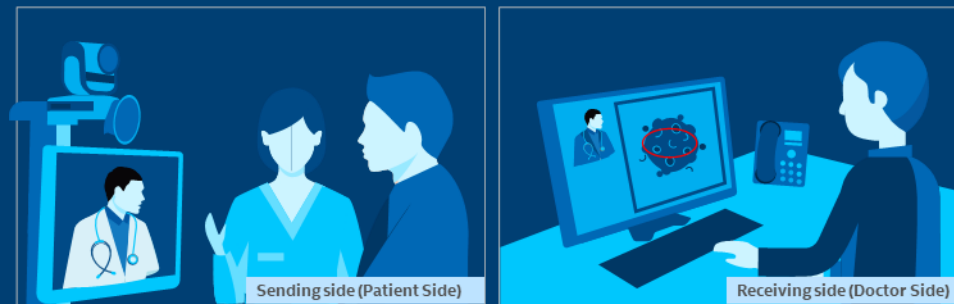
Health & Life Sciences

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness Monitoring

Advantech Telehealth Solution



Kit Components

Intel hardware

- Intel® Core™ i5 Processor

Advantech hardware

- AMIS-72 Telehealth Cart
- AIO Touch Computer
- PTZ camera
- Speaker
- Digital Diagnostic Set (optional)

Advantech software

- VSee Messenger video conferencing platform

Cloud Service Provider

- Amazon Web Services

Operating System

- Windows

Learn more

Discover more with:
[Advantech Solution Webpage](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following: [Advantech Telehealth Webinar](#)

Okaya Impulse VI Ready Kit



Kit Overview

The Impulse VI Ready Kit enables easy AI model creation for machine learning to automate previously manual tasks, such as product defect and anomaly detection. It also enables easy data set management to streamline business processes. Overall, the Okaya kit enables companies to offer its customers end-products of higher and more reliable quality.

Value Prop

- **Enable data analytics** by providing a user-friendly, GUI-based SW platform that allows customers to manage and analyze data easily
- **Integrate AI technology** and achieve advanced machine learning cycle operations in one go for your customer's various product inspection applications
- **Streamline deployment** of customized machine learning models without the need for coding expertise or complex installation

Geo & Purchase Contacts

Availability: Japan

Intel contact:

Hideki Natsusako–
hideki.natsusako@intel.com

Partner contact:

Akihiro Saito–
saito@oec.okaya.co.jp

Relevant Verticals

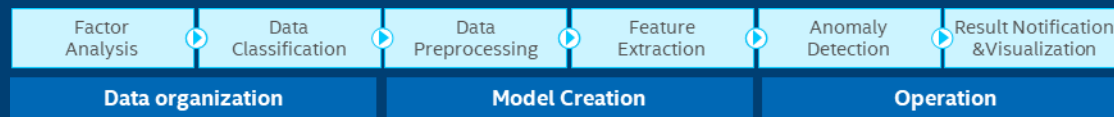
(click to see full list of kits for each vertical)

Manufacturing

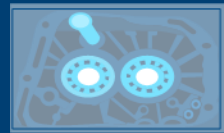
Relevant Use Cases

(click to see full list of kits for each use case)

Product Inspection



Target



Usual



Result



Easy operation by GUI/Wizard on a simple screen!

Kit Components

Intel Components

- Intel® Xeon® Processors
- Intel® LAN Controller

Hardware

- Supermicro SuperWorkstation sys5039A-I

Software

- Impulse VI (V1 or V2)

Cloud Service Provider

- Private/On-Premises

Operating System

- Ubuntu

Learn more

Okaya kits are described at: [Okaya Electronic Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Kit Demo Webpage](#)
- [Impulse Website](#)
- [Impulse V2 Technical Documentation](#)

Okaya 3D LiDAR Evaluation Starter Kit



Kit Overview

Okaya's 3D LiDAR Evaluation Starter Kit, enables customers to view 2D and 3D image data easily in order to evaluate 3D LiDAR sensors and 3D cameras. The Okaya kit also enables the rapid development of ROS and ROS 2 to aid in developing and deploying advanced automation technology, such as autonomous vehicles, drones, affordably and reliably.

Value Prop

- **Enable 3D vision** with a complete system for 3D LiDAR evaluation and development that is easy to deploy
- **Leverage LiDAR data** viewed with the touch of a button to allow customers to test and develop the latest autonomous technologies affordably
- **Streamline deployment** of advanced automation technology with preinstalled ROS/ROS 2 that can be built upon easily and rapidly

Geo & Purchase Contacts

Availability: Japan

Intel contact:

Hideki Natsusako–
hideki.natsusako@intel.com

Partner contact:

Akihiro Saito–
saito@oec.okaya.co.jp

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Government

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Situational
Monitoring

Human Wellness
Monitoring

3D-LiDAR

Small / High Performance 3D-LiDAR



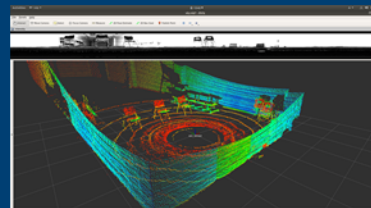
- 90° wide-angle FoV OS0
- 240m measurable OS2
- 9-axis IMU is installed as standard
- Images (reflection intensity: Intensity) can be acquired in addition to point cloud data

Environment built PC

OS – ROS / ROS2 installed



- Installed software
 - Software: OS/ROS/ROS2
 - App: Rviz/rosbag
- Orbbec 3D Depth camera has been set to be used in the same environment



Kit Components

Intel Components

- Intel® Core™ i-5 Processors
- Intel® Ethernet Connection I219-LM
- Intel® Ethernet Controller I211-AT

Hardware

- Ouster 3D-LiDAR (OS2: Long-Range Lidar Sensor)
- Shuttle® PC (DS1000)
- Orbecc 3D Depth Camera (not included)

Software

- ROS/ROS 2
- App: Rviz/rosbag

Cloud Service Provider

- Private/On-Premises

Operating System

- Ubuntu

Learn More

Okaya kits are described at:
[Okaya Electronic Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Okaya 3D LiDAR Evaluation Starter Kit Webpage](#)
- [Ouster Website](#)

Corerain AI Edge Station for Workplace Safety Inspection and Machine Vision



Kit Overview

The Corerain AI Edge Station is a high-performance, cost-efficient safety inspection system designed for industrial edge applications. The kit comes with pre-deployed workplace safety inspection algorithms and can be easily integrated into existing monitoring systems, helping system integrators quickly deliver cutting-edge safety solutions for a range of industries and scenarios.

Value Prop

- **Deploy quickly** with an easy-to-use platform designed to integrate into existing monitoring systems and limit costs
- **Enhance performance** with a solution that supports up to 16 channels for video structural analysis
- **Support multiple industries** with comprehensive algorithms designed for helmet detection, intrusion detection, smoke detection, spill detection, and more

Geo & Purchase Contacts

Availability: People's Republic of China

Intel contact:
Dylan.xin.wang@intel.com

Partner contact:
Lora.luan@corerain.com

Relevant Verticals

(click to see full list of kits for each vertical)

Energy

Manufacturing

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Energy Monitoring & Management

Environment Monitoring

Machine Condition Monitoring

Product Inspection

Kit Components

Intel Components

- Intel® Core™ i5 Processor
- Intel® eASIC™ N3XS 28nm ASIC

Corerain Hardware

- Nebula X3 Edge Station
- CAISA chip

Corerain Software

- Industrial Safety Inspection AI Algorithms
- API and SDK Interface

Operating System

- Ubuntu

Cloud Service Provider

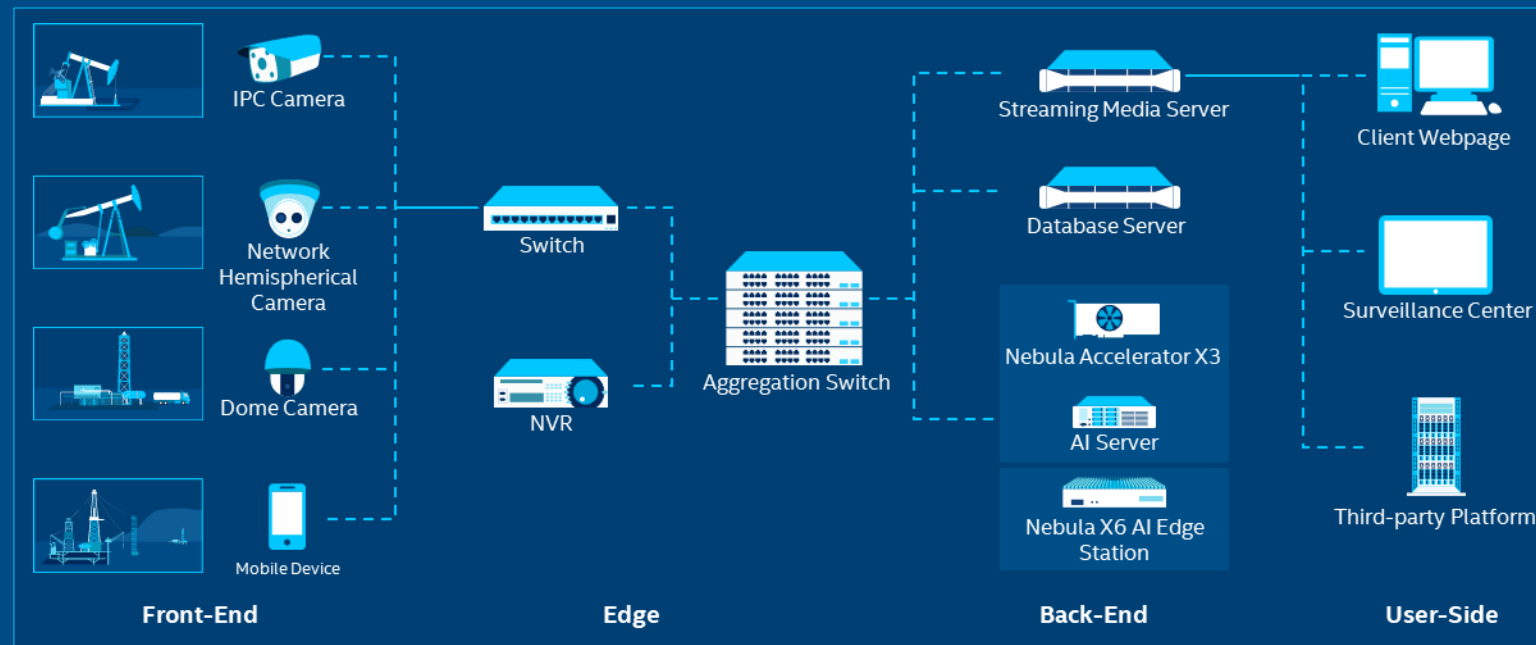
- Private/On-Premises

Learn More

Corerain kits are described at: [Corerain Technologies | Home](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following: [Nebula X6 | Corerain Technologies](#)



Sodaclick Voice – Hands Free Digital Signage



Kit Overview

Sodaclick Voice with Vision AI enables sellers in retail and hospitality to create and deploy hands-free, voice activated interactive digital signage solutions for self service kiosks and drive through systems. Sodaclick's cloud software provides real-time, near human, immersive and contactless experiences for consumers.

Value Prop

- **Faster Fulfilment Time:** an AI voice assistant can increase a retailer's throughput by simply having consumers say what they want, rather than going through multiple touch layers
- **Increased User Engagement:** voice increases user engagement amongst digital natives and presents a simpler UI experience
- **Improved Hygiene:** using voice to drive the customer experience reduces any health concerns with interacting with a touch display

Geo & Purchase Contacts

Availability: Global

Intel contact:

farhaan.mohideen@intel.com

Partner contact:

ijan@sodaclick.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media

Human Wellness Monitoring

Kit Components

Intel Components

- Intel® NUC7i5DNKE/DNBE
- Intel® RealSense™ D435 / D430

Sodaclick Components

- Sodaclick Digital Signage Player
- Sodaclick Cloud Platform

Other Components

- Storm Mic Array Module AT00-15001
- Win10 IoT Enterprise
- Google Chrome v80+

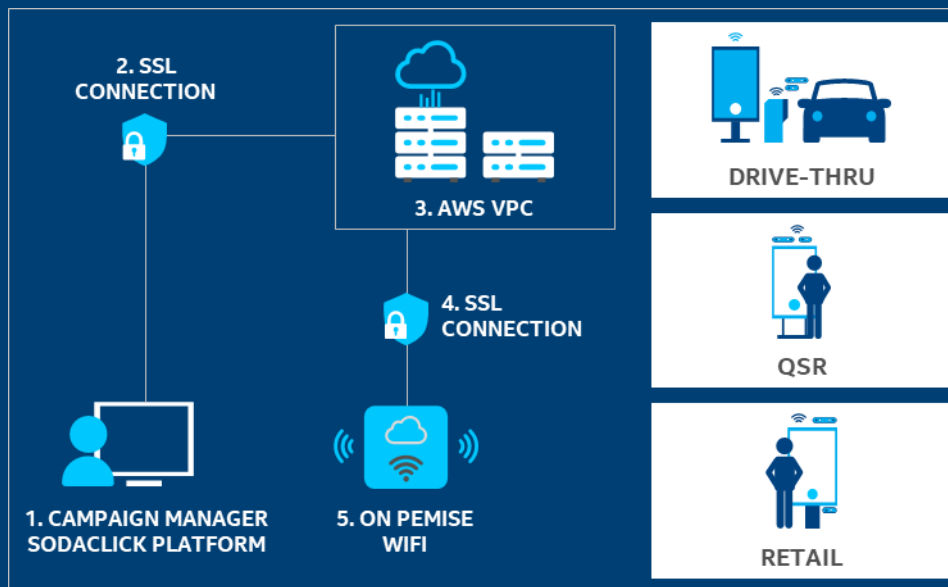
Learn more

Sodaclick kits are described at: [Sodaclick Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Sodaclick Voice Kit – Getting Started](#)
- [Sodaclick ISE 2020 Video](#)
- [Sodaclick and Vestel International Collaboration](#)



AAEON Auther 3D Facial Authentication Kit



Kit Overview

A 3D facial authentication kit connected with cloud-based facial recognition service that allows businesses to improve anti-fraud measures, increase customer throughput, and implement payment or loyalty programs in a variety of verticals, while leveraging a state-of-the-art camera in a compact form factor

Value Prop

- **Enhance security** by deploying custom facial recognition programs combined with 3D facial authentication kit.
- **Launch products and services faster** with a kit that can deploy right out of the box
- **Scale solution with ease** by leveraging Amazon Rekognition facial recognition service
- **Improve customer service** by utilizing facial recognition as a payment option or for loyalty program in retail and transportation settings

Geo & Purchase Contacts

Availability: North America, EMEA, APJ, Brazil, PRC, ANZ

Intel contact:

[Robert Kamp](#) - robert.kamp@intel.com

[Don Liu](#) - don.liu@intel.com

Partner contact:

[Owen Wei](#) - owenwei@aaeon.eu

Relevant Verticals

(click to see full list of kits for each vertical)

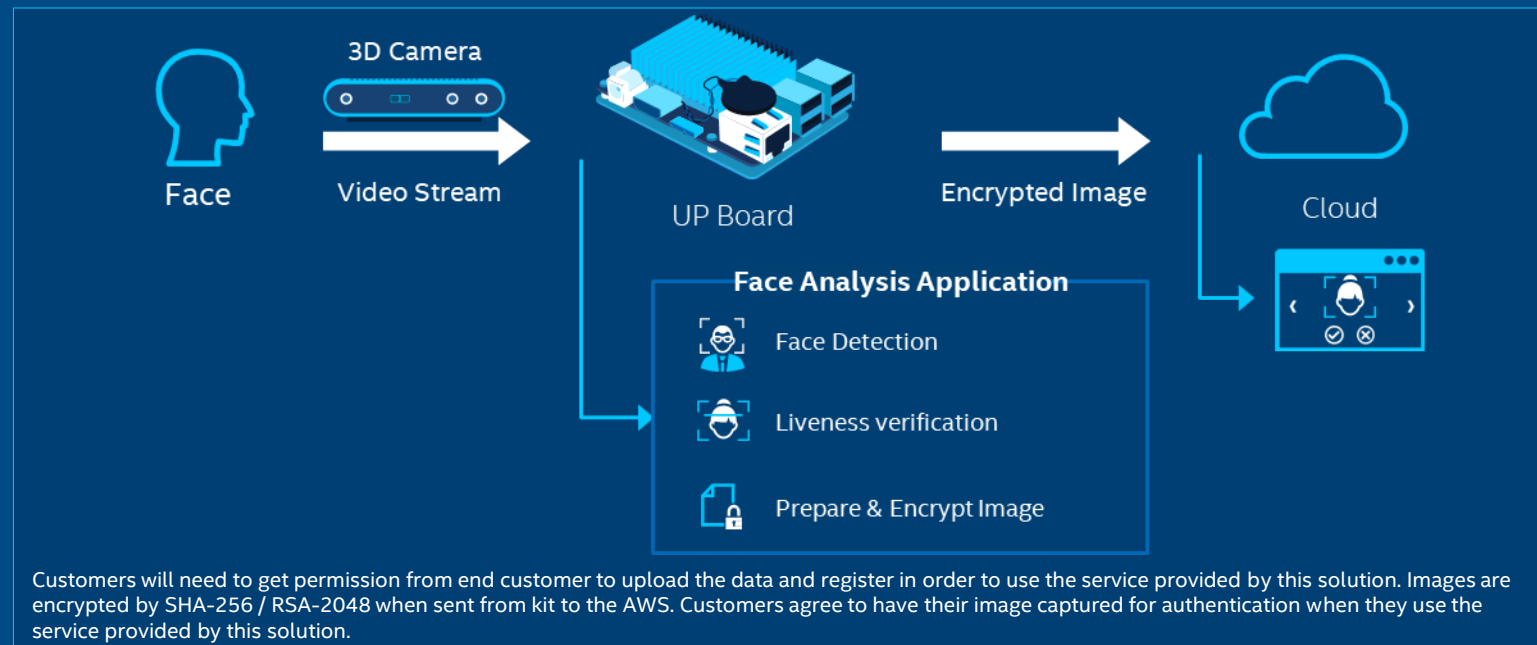
Government

Banking/Financial Services

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy



Kit Components

Intel hardware: Intel® RealSense™ Technologies D435i, Intel® Cherry Trail CPU, Intel® Atom™ x5-z8350

AAEON hardware: UP Board

CSP: Amazon Web Services

Operating system: Ubuntu Server 18.04.4

Learn more

AAEON solutions are described at: [AAEON website](#)
To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit the following:
▪ [Deployment Example](#)
▪ [User Guide](#)
▪ [Order here](#)

AAEON Car Share Driver Monitoring Edge Computer Kit



Kit Overview

The kit enforces no-smoking and cell-phone usage policies in car sharing services through custom AI inferences built on Intel® Distribution of OpenVINO™ Toolkit coupled with powerful edge computing of the AAEON VPC-3350S and cameras that leverage power over ethernet (PoE)

Value Prop

- Utilize a reliable solution with the VPC-3350S processor's fanless construction and innovative thermal design
- Process data regardless of location with edge computing power that can produce video/image processing in real-time
- Integrate cutting-edge technology with the Intel® Distribution of OpenVINO™ Toolkit to help developers optimize custom AI inferences

Geo & Purchase Contacts

Availability: North America, South America, APJ, EMEA

Intel contact:

Ashley Hsiao – ashley.hsiao@intel.com

Partner contact:

Efen Chung – efenchung@aaeon.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation	Agriculture
Manufacturing	Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Kit Components

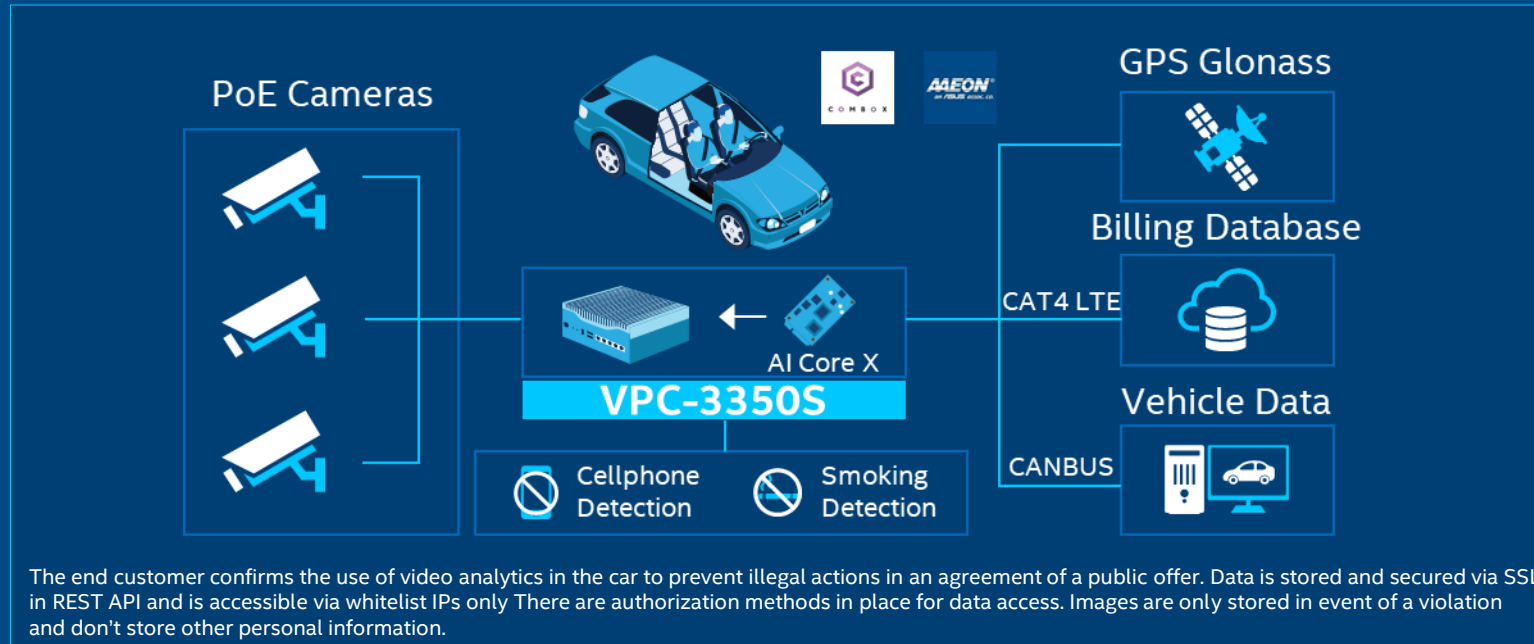
Intel hardware: Intel® Atom™ x5-E3940 Processor, Intel® Distribution of OpenVINO™ toolkit, Intel® Movidius™ VPUs
AAEON hardware: VPC-3350S, VPC-3350AI
CSP: Private/On-premise
Operating system: Ubuntu

Learn more

AAEON solutions are described at: [AAEON website](#)
 To learn about Intel IoT solutions visit: [IoT Solutions Overview](#)

For more information visit the following:

- [Application Story](#)
- [Contact Form](#)



Avalue Renity Artemis High-Performance RTLS



Kit Overview

By combining ultra-wideband (UWB) radio-based communication, floor mapping, TDOA processing, and data science computation, the Renity Artemis High-Performance RTLS solution arms systems integrators with a highly accurate indoor positioning platform designed to address the needs of customers in a range of verticals.

Value Prop

- **Enable high-accuracy tracking** by utilizing ultra-wideband communication to track numerous targets in real time
- **Deliver operational insights** and increase efficiency with hot-spot analysis and historical trace capabilities that help optimize routes
- **Streamline integration** with a platform designed to integrate with existing MES, WMS, and ERP systems

Geo & Purchase Contacts

Availability: The Avalue Renity Artemis High Performance RTLS Solution is available globally except in Japan, Korea, and Indonesia (*not available due to local regulations*).

Intel contact: Ashley Hsiao
ashley.hsiao@intel.com

Partner contact: Ryan Chang
ryan_chang@avalue.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Agriculture	Education
Health & Life Sciences	Hospitality	Retail
Transportation		

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking	Asset & Operations Optimization	Environment Monitoring
Situational Monitoring		

Kit Components

Intel Components

- Intel® Core™ i7 Processor

Avalue Hardware

- Artemis Server
- UWB Anchors
- UWB Tags (badge, wristband, and asset form factors)

Avalue Software

- Artemis software

Cloud Service Provider

- Microsoft Azure
- Private/On-Premises

Operating System

- Windows OS

Learn more

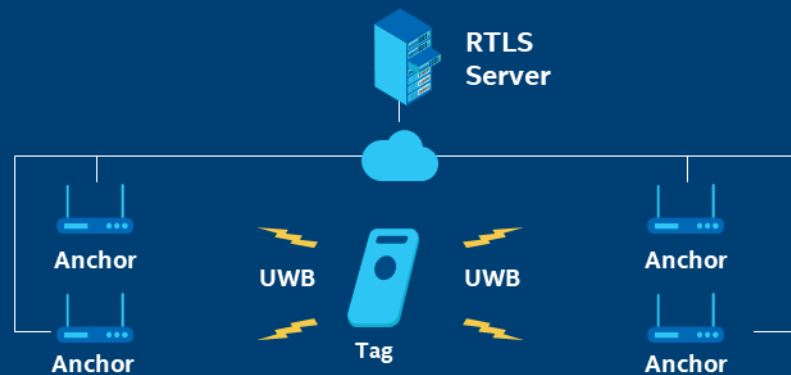
Avalue kits are described at: [Avalue Homepage](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Renity Artemis Webpage](#)
- [Avalue Contact Form](#)

Baseline configuration for testing and evaluation



Customers can add additional anchors and tags to scale solution to meet business needs



Advantech Neurolabs Autonomous Checkout



Kit Overview

Advantech Neurolabs Autonomous Checkout leverages computer vision technology for object recognition to expedite the checkout process. Advantech hardware and Neurolabs technology enable POS providers to integrate autonomous checkout processes into their POS systems for faster checkout times that enhance customer experiences.

Value Prop

- **Generate quicker, more accurate object detection** with deep learning models built using synthetic algorithms
- **Increase operational ROI** using an autonomous solution, eliminating manpower to save half the costs of a cashier per annum
- **Accelerate time-to-value** with expert product design experience and proven business success across verticals and use cases

Geo & Purchase Contacts

Availability: Worldwide

For Intel-related questions, reach out to: Jason Holtom – Jason.Holtom@intel.com

For kit partner-related questions, reach out to: Jessie Li – jessie.li@advantech.nl

For kit partner-related questions, reach out to: Remus Pop – remus@neuroilabs.eu

Relevant Verticals

(click to see full list of kits for each vertical)

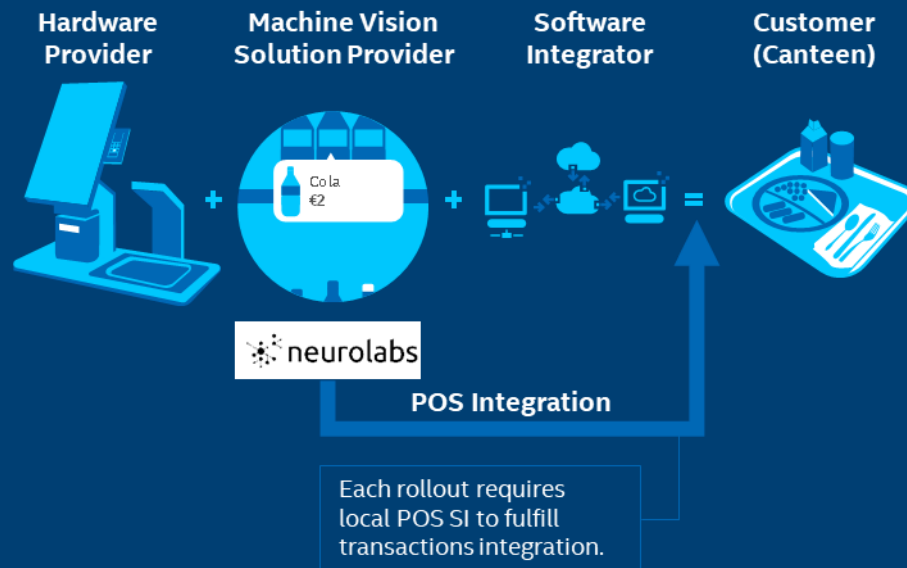


Relevant Use Cases

(click to see full list of kits for each use case)



Go-to-Market Plan



Kit Components

Intel hardware

- Intel® Core™ i5 Processors

Advantech hardware

- UTK-752 self-service kiosk machine with high-definition camera

Neurolabs software

- Neurolabs

Cloud Service Provider

- Google Cloud Platform
- Amazon Web Services
- Microsoft Azure

Operating System

- Windows (default)
- Ubuntu

Learn more

Advantech Neurolabs kits are described at:

- [Neurolabs website](#)
- [The Future of Retail – Advantech and Intel Solution Webinar Series](#)

To learn about Intel IoT kits visit:

[Intel IoT Kits Overview](#)

Dell Utility Grid Modernization Kit



Kit Overview

The Dell Utility Grid Modernization Kit enables system integrators to deploy virtualized solutions using IT/OT convergence in substation and grid operations to improve reliability, automation, and reduce total cost of ownership (TCO). The Dell utility grid modernization kit will help drive vendors to sustainability targets.

Value Prop

- **Simplify operations** with over 200 automated tasks that can be monitored using dashboards and end-to-end non-disruptive updates
- **De-risk deployments** with reliable infrastructure to optimize configurations and performance for increased uptime
- **Drive IT agility** using data collection, machine learning, and predictive analytics to project future consumption needs and develop utilization forecasts

Geo & Purchase Contacts

Availability: Global

Intel contact:
Robert Kamp –
robert.kamp@intel.com

Partner contact:
Chris Lenzsch –
chris.lenzsch@dell.com

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel Components

- Intel® Xeon® Gold 6248R 2.8G, 16C/32T, 10.4GT/s
- Intel® X710 Quad Port 10GbE SPF+, rDNC
- Intel® 4TB, NVMe, P4510 Read Intensive Express Flash
- Intel® 1.6TB, NVMe, P4610 Mixed Use Express Flash
- Intel® Optane™ Memory – as needed

- Mission Critical 4Hr Onsite Service
- Dell ProDeploy Plus Services

VMware software

- VMware Cloud Foundation
- vSphere
- VSAN
- vRealize Suite

Cloud Service Provider

- On premise infrastructure with VMware Virtual Cloud Foundation capabilities

Dell Hardware

- Dell VxRail P580N NVME
- Dell 24U Rack
- Dell Networking S4128 & S3100
- Dell 3 Years ProSupport and

Operating System

- Windows
- Linux

Learn more

Discover more with:

- [Dell Website](#)

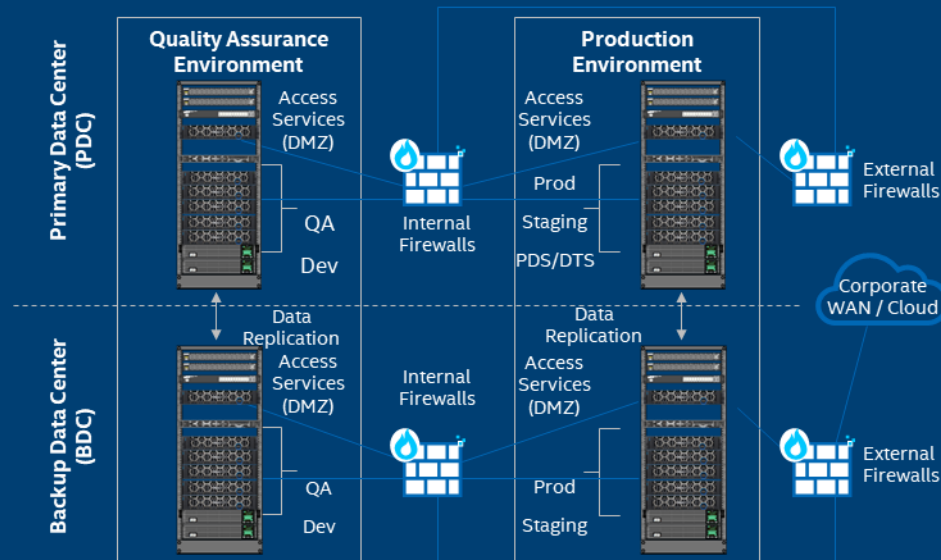
To learn about Intel IoT kits visit:

- [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Grid Management Platform Common Design Architecture](#)

Standard Utility Grid Modernization Platform Configuration



QNAP Systems Retail Pro



Kit Overview

QNAP Systems Retail Pro is a smart retail kit that helps customers build business strategies based on in-store customer activities. The solution integrates POS data with customer behavior using AI-powered analysis to provide heatmaps, dwell rates, customer profiles, and more.

Value Prop

- **Grow retail sales** with customer analytics that identify popular zones and conversion rates, help predict peak hours, and enable stores to adjust staff levels accordingly
- **Optimize inventory management** by identifying popular products to prevent over or under stocking
- **Increase marketing effectiveness** by integrating hourly data with POS data to understand customer profiles and counter sales

Geo & Purchase Contacts

Availability: APJ, ANZ, Europe, SE Asia, and PRC

Intel contact:

sherman.chen@intel.com

Partner contact:

xavierhsu@qnap.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Human Wellness Monitoring

Logistics & Tracking

Kit Components

Intel Components

- Intel® Core™ i7
- Intel Atom® Processors
- Intel® Distribution of OpenVINO™ toolkit
- Intel® Vision Accelerator Design With Intel® Movidius™ VPU

QNAP Systems Software

- Retail Pro Analytics Suite

Hardware:

- FLEX-BX200-Q370-i7
 - Mustang-V100-MX8
 - IP camera with ONVIF support required*
- Cloud Service Provider**
- Google Cloud Platform
- Operating System**
- Ubuntu

*Cameras not included in kit

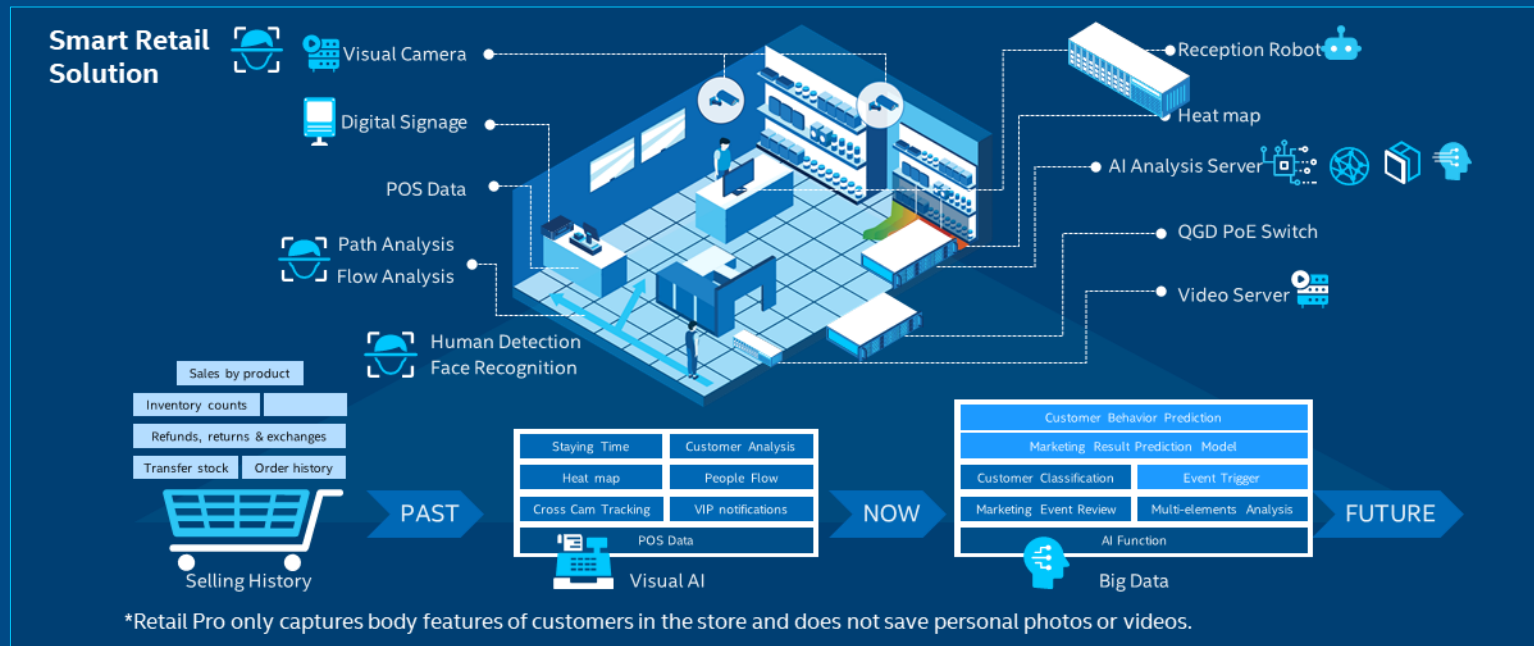
Learn more

QNAP Systems kits are described at: [QNAP Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Kit Overview](#)
- [Retail Pro Case Study](#)



Perobot 5G Converged Access Edge Solution



Kit Overview

The Perobot 5G Converged Access Edge Solution, based on Foxconn's Converged Access Edge Platform, provides a one-stop platform to support cloud computing and IT services at the edge. This solution provides system integrators with a flexible platform for computer vision solutions optimized for the 5G era.

Value Prop

- **Develop complete solutions** with a one-stop, integrated platform for machine vision scenarios
- **Deliver high-speed 5G experiences** with a stable transmission architecture that enables multi access through 5G, 4G/LTE, Wi-Fi, and Ethernet
- **Enhance edge IoT security** with pre-integrated security applications designed to help protect IoT devices, traffic channels, and applications

Geo & Purchase Contacts

Availability: The United States; Japan; People's Republic of China; Taiwan; Turkey, Middle East, and North Africa

Intel contact:

jari.chung@intel.com

Partner contact:

robert.hsueh@perobot.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

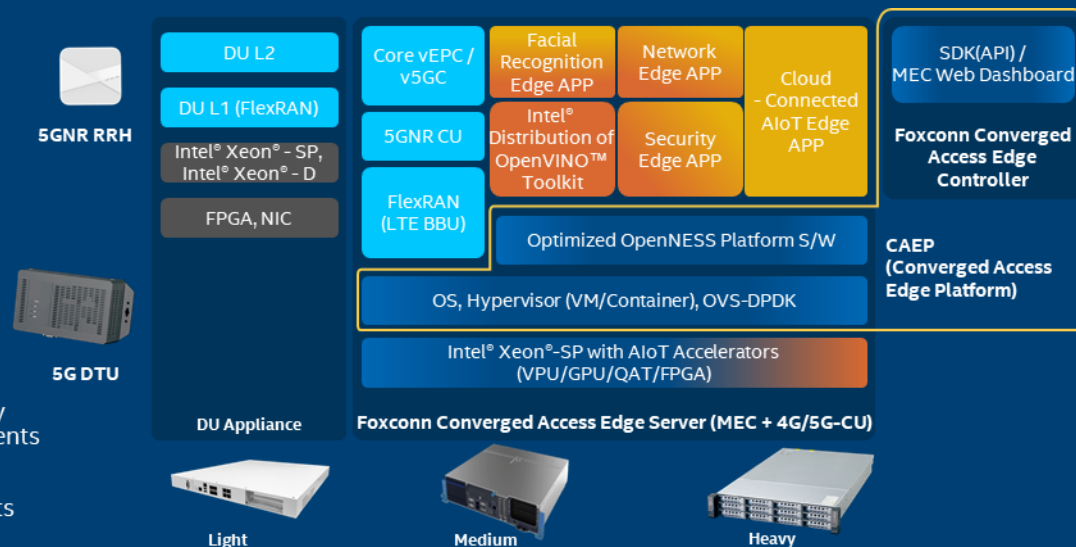
Manufacturing	Hospitality
Transportation	Other

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization	Other
---------------------------------	-------

Note: Customers must purchase a CAEP license. Additional hardware options and applications depicted in this chart are optional and will vary based on business requirements.



- Customer's Own Services or 3rd-Party
- Pre-validated AIoT Engines/Components
- Foxconn H/W
- Build-in Components
- Foxconn Communication Components

Any data collected from the facial recognition software is securely stored within the local edge VM within the customer's network. This data is isolated and is not uploaded to the cloud. To help protect privacy and reduce risk of misuse, access to facial recognition data is limited to system administrators. Perobot recommends that customers inform subjects that their data is being captured and will be retained in accordance with local regulations.

Kit Components

Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® Xeon® Processors
- Intel® Movidius™ VPUs
- 10GbE Intel® Ethernet Network Adapters
- Intel® Distribution of OpenNESS

Perobot & Foxconn Hardware

- FCDS-3081 (Foxconn)
- FHES-6080 (Foxconn)
- FHES-5211 (Foxconn)

Software

- 5GC (Foxconn)*
- 5G CU (Foxconn)*
- Network Management System (Foxconn)*
- AIoT Security (Trend Micro)
- Perobot Face Recognition

Cloud Service Provider

- Private/On Premises

Operating System

- Other

*Components available beginning in Q2 2021

Learn more

Perobot kits are described at: [Perobot Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Perobot 5G CAES Website](#)

Phoenix Contact PLCnext Technology



Kit Overview

PLCnext Technology provides an automation ecosystem for industrial environments. With an open control platform, modular engineering software, an online marketplace for apps and function blocks, and a community platform, this ecosystem enables simple adaptation to changing demands, and the efficient utilization of existing and future software services.

Value Prop

- **Enhance performance** with real-time execution across programming languages
- **Increase freedom** with flexible integration of open-source software and apps
- **Improve connectivity** through open interfaces and cloud integration
- **Facilitate development** with connected coworking and the ability to use a range of programming tools

Geo & Purchase Contacts

Availability: Global
Intel contact:
niladri.roy@intel.com
Partner contact:
abirk@phoenixcontact.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Government	Other
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Relevant Use Cases

(click to see full list of kits for each use case)

Machine Condition Monitoring	Situational Monitoring
Energy Monitoring & Management	Control Optimization & Autonomy

Kit Components

Intel Components

- Intel® Cyclone® V SoC FPGAs
- Intel® Core™ i5 Processors
- Intel Atom® Processors
- Intel® Celeron® Processors

Hardware

- Scalable Modular PLCs (with I/Os)
- Standalone PLCs (centralized)
- Edge Devices

Software

- PLCnext Engineer

Cloud Service Provider

- Proficloud, Amazon Web Services, Microsoft Azure

Operating System

- Linux

PLCnext Technology 
 Designed by PHOENIX CONTACT



PLCnext Control

Open Control Platform
 PLCs in various performance classes including PLCnext Runtime System and accessories for PLCnext Technology



PLCnext Engineer

Engineering Software
 Engineering tool for commissioning, configuring, and programming PLCnext Controls



PLCnext Store

Software Store for Automation
 Apps for functional extension of PLCnext Control and PLCnext Engineer



PLCnext Community

User Collaboration and Resources
 Information, support, and helpful resources about PLCnext Technology including FAQs, forums, tutorials, and a GitHub presence

Learn more

Phoenix Contact kits are described at: [PLCnext Product Page](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [PLCnext Community](#)

Daschip Infrared Temperature Measuring Module



Kit Overview

Daschip's Infrared Temperature Measuring Module enables customers to screen human body temperatures rapidly from long distances, in large areas, and in dense crowds. Physical signage directs end users towards the scanning parameter. Without collecting personal information, the kit scans body temperature with the Ruixin Thermal Imaging Temperature Measurement and Face Recognition Time Attendance System and stores data locally. Stored data is only accessible to local administrators.

Value Prop

- **Deploy solution quickly** with simple architecture and straightforward installation
- **Enable customers to manage with ease** by utilizing contactless monitoring with support from the high temperature alarm system
- **Facilitate workplace safety improvements** with rapid temperature measurement analysis

Geo & Purchase Contacts

Availability: China

Intel contact:
rfp.ready.kits@intel.com
Jianmei.tang@intel.com

Partner contact:
jashonzhang@daschip.com

Relevant Verticals

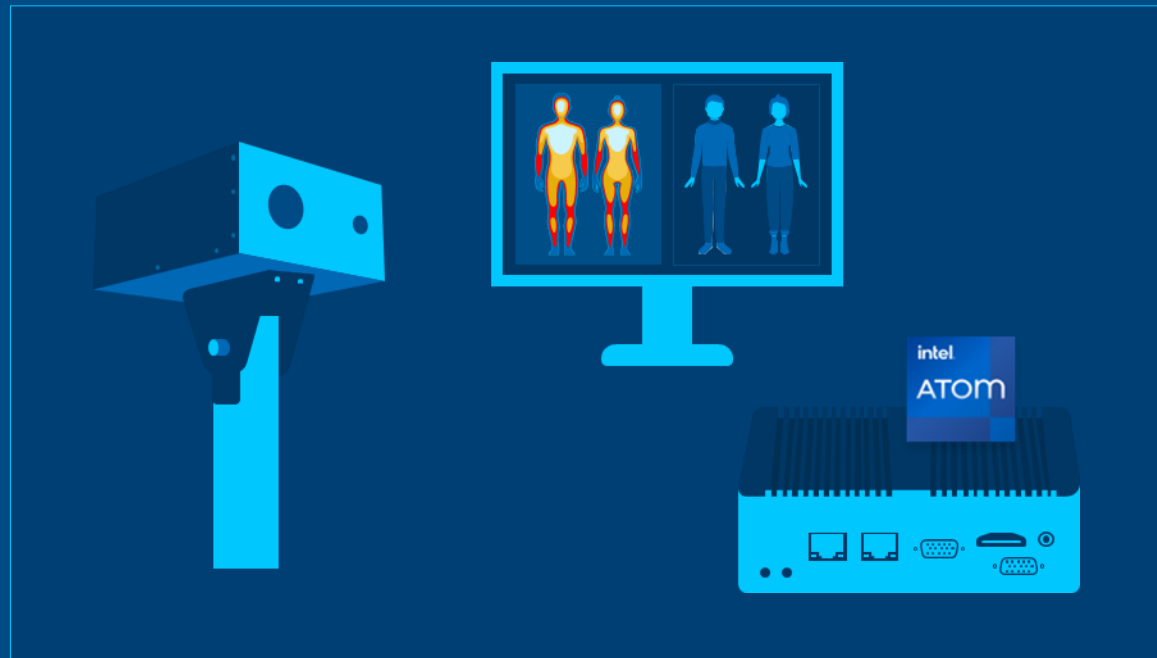
(click to see full list of kits for each vertical)

Health & Life Sciences

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness Monitoring



Kit Components

Intel Components

- Intel® Atom® Processors

Daschip Components

- IR Camera
- Camera
- Displayer
- eARK-1375N2

Software

- OpenCV AVI

Operating System

- Windows

Cloud Service Provider

- Private Cloud Connectivity

EBT Detection

DAC-200M: This kit supports thermal imaging of multi-object detection with automatic correction of body surface temperature from 2-7 meters.

Resources

Partner kits are described at the [Daschip Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:
▪ [Kit Overview](#)

SmartAxiom Edge Blockchain IoT Security and Management



Kit Overview

SmartAxiom's software manages and secures IoT systems through lite blockchain technology running among edge devices that enables them to defend themselves. Its the first true endpoint-to-cloud blockchain solution and is proving valuable in Industrial IoT, logistics, and smart buildings.

Value Prop

- **Improve security, latency, reliability and manageability** through peer-to-peer, distributed ledgers on edge devices
- **Increase system efficiency** with IoT Smart Contracts that securely push intelligence to the edge and can manage NFTs
- **Accelerate commerce** with a system that builds trust in what your logistics tracking devices are telling you

Geo & Purchase Contacts

Availability: now

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
 Trent Poltronetti
trent@smartaxiom.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Retail	Energy
Health & Life Sciences	Transportation	Other

Relevant Use Cases

(click to see full list of kits for each use case)

Logistics & Tracking	Energy Management	Human Wellness Monitoring
	Machine Monitoring	

Kit Components

Intel Components

- Intel Atom® Processors

Partner Components

- SmartAxiom Edge Blockchain IoT Security and Management

Operating System

- Ubuntu

Hardware Components

- NEXCOM Gateway

Cloud Service Provider

- Amazon Web Services
- Microsoft Azure
- IBM Cloud
- Private/On-Premises

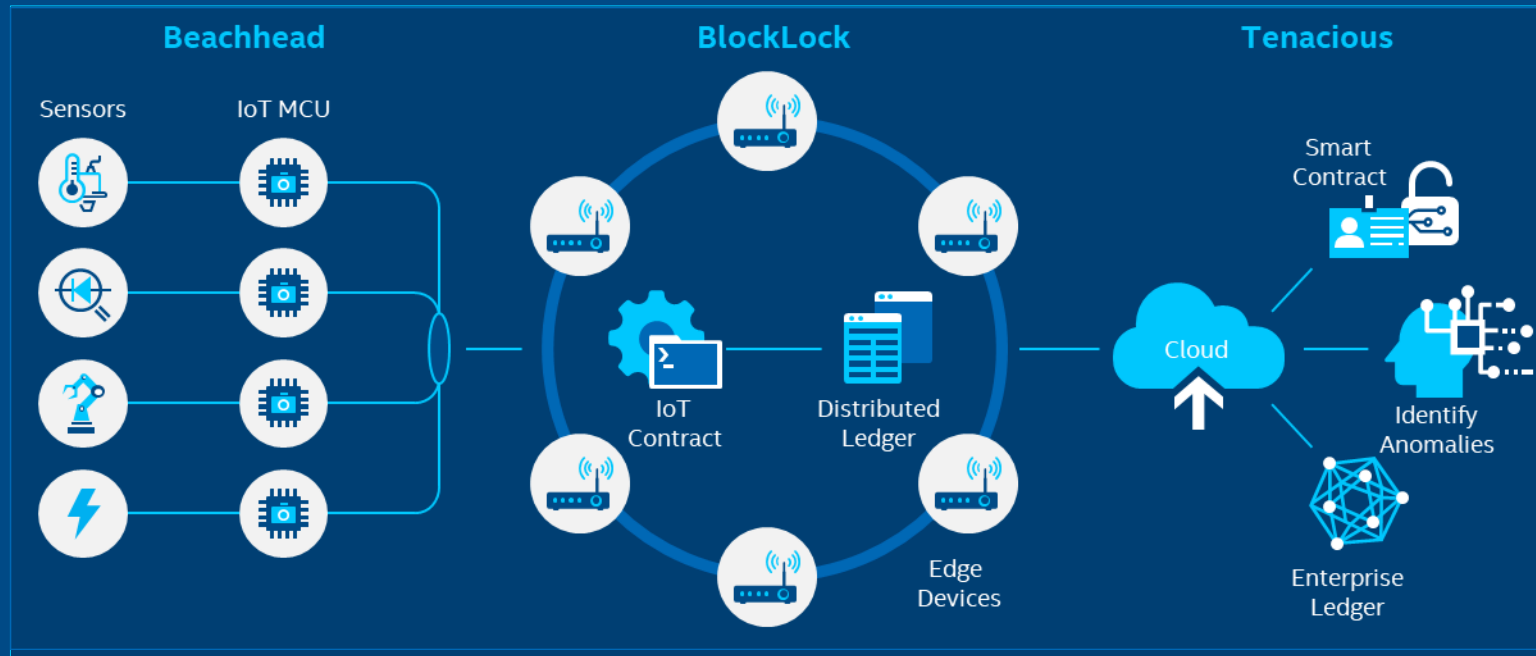
Resources

For more information visit the following:

- [SmartAxiom Website](#)
- [SmartAxiom NEXcom Intel IoT RFP Kit Demo Video](#)

▪ [SmartAxiom Tenacious Service](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)



Smart Connect Technologies IoT Sensor Gateway Software



Kit Overview

Smart Connect Technologies IoT Sensor Gateway Software helps make the promise of the Industrial Internet of Things (IIoT) a reality for users of industrial systems by unlocking process control sensor data and linking it to cutting-edge Internet-based analytics and cognitive processes.

Value Prop

- Deploy with speed with a solution that provides plug-and-play interoperability
- Empower OT to connect legacy machines to the cloud with a solution that can upload captured data to cloud platform providers
- Enable data-driven insight generation by installing a solution that normalizes and aggregates disparate data for use in AI and machine learning algorithms

Geo & Purchase Contacts

Availability: EMEA, Americas, Australia/New Zealand, APJ, PRC

Intel contact:
robert.kamp@intel.com

Partner contact:
info@smartconnectinc.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Energy	Government
Transportation	Other	

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization	Environment Monitoring	Energy Monitoring & Management
Human Wellness Monitoring	Machine Condition Monitoring	Situational Monitoring

Kit Components

Intel components:

- Intel® Atom™ x7-E3950 processor
- Any Intel x86 gateway

Cloud Service Provider:

Amazon Web Services, Google Cloud Platform, Microsoft Azure, SAP Cloud Platform, IBM Cloud

OS: Linux Ubuntu

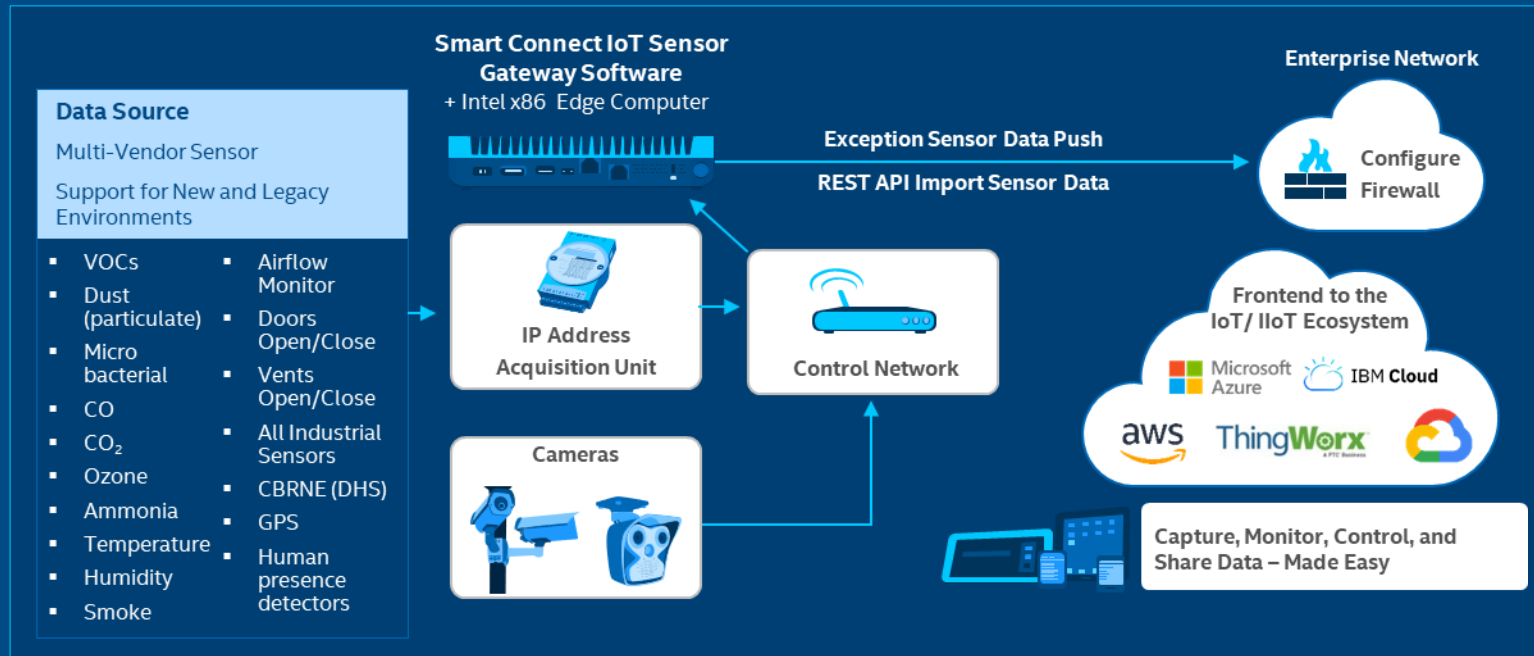
Software: Smart Connect IoT Sensor Gateway Software

Resources

The Smart Connect solution is described at:
smartconnectinc.com

To learn about Intel IoT solutions visit:
[IoT Solutions Overview](#)

For more information visit the following:
[Kit impact video](#)
[Kit discussion with Smart Connect CEO](#)
[Solution technical briefs](#)



Supermicro Lung Disease/Covid-19 ai-based Diagnostic Support System



Kit Overview

The Supermicro Lung Disease/ Covid-19 ai-based Diagnostic Support System (DSS) is a diagnostic radiology instrument used to perform visual analysis on chest x-rays for more accurate prognosis, assisting radiologists in their decision-making process when handling many lung-related diseases.

Value Prop

- Simplify deployment by applying a ready-to-use detection algorithm that supports diagnostic radiology
- Empower healthcare decision makers with real-time ai-based analysis to inform diagnostic decision-making, treatment plans, and detection of infections
- Accelerate diagnostic strategies by leveraging a detection algorithm with ai-based visual analysis for quick and accurate prognosis

Geo & Purchase Contacts

Availability: Indonesia; Coming soon to additional markets

Intel contact:
rfp.ready.kits@intel.com

Partner contacts:
IoTExpert@supermicro.com

Relevant Verticals

(click to see full list of kits for each vertical)

Health & Life Sciences

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring

Other

Kit Components

Intel hardware

- Intel® Xeon™ 4210
- Intel® Xeon™ 6210U

Supermicro hardware

- Supermicro SYS-E300-9C
- Supermicro SYS-1019P-FHN2T

Partner software

- Alfabet AI lung disease DSS

Cloud Service Provider

- Microsoft Azure

Operating System

- Windows
- Ubuntu

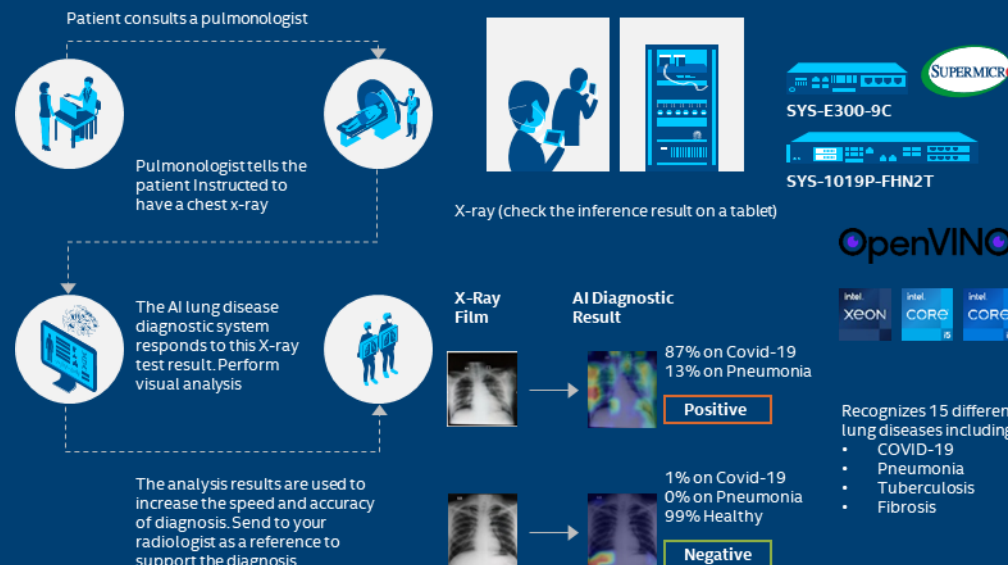
Learn more

Supermicro kits are described at:
<https://www.supermicro.com/products/index.cfm>
To learn about Intel IoT kits visit:
[Intel IoT Kits Overview](#)

For more information visit the following:

- [Supermicro IoT](#)
- [Supermicro product page](#)

AI lung disease diagnostic system enhanced with Intel® functions





Eyecloud Inc. OpenNCC Programmable Vision AI Kit

Kit Overview

OpenNCC Programmable Vision AI Kit is an AI camera enablement platform enabled with the Intel® Distribution of OpenVINO™ Toolkit. This kit provides a range of customizable features to help computer vision developers decrease the time necessary to develop custom applications and increase the overall efficiency of their computer vision systems.

Value Prop

- **Achieve faster market deployments** through a platform that supports rapid development of custom AI computer vision applications.
- **Optimize deep learning systems** with a customizable system that supports a diverse range of hardware, software, and AI
- **Maximize ROI** with a solution that helps reduce the time, labor, and other expenses associated with custom application development

Geo & Purchase Contacts

Availability: PRC, EMEA, and USA

Intel contact:
rfp.ready.kits@intel.com

Partner contact: Jon Zhao
jnzha@eyecloud.ai

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness Monitoring	Product Inspection
Situational Monitoring	Machine Condition Monitoring

Kit Components

Intel Components

- Intel® Movidius™ Myriad™
- Intel® Distribution of OpenVINO™ Toolkit

Software

- OpenNCC Viewer
- Eyecloud SDK

Eyecloud Inc. Hardware

- OpenNCC IPC
- OpenNCC IP4
- OpenNCC IR+

Cloud Service Provider

- Alibaba Cloud; Amazon Web Services

Operating System

- Windows; Other

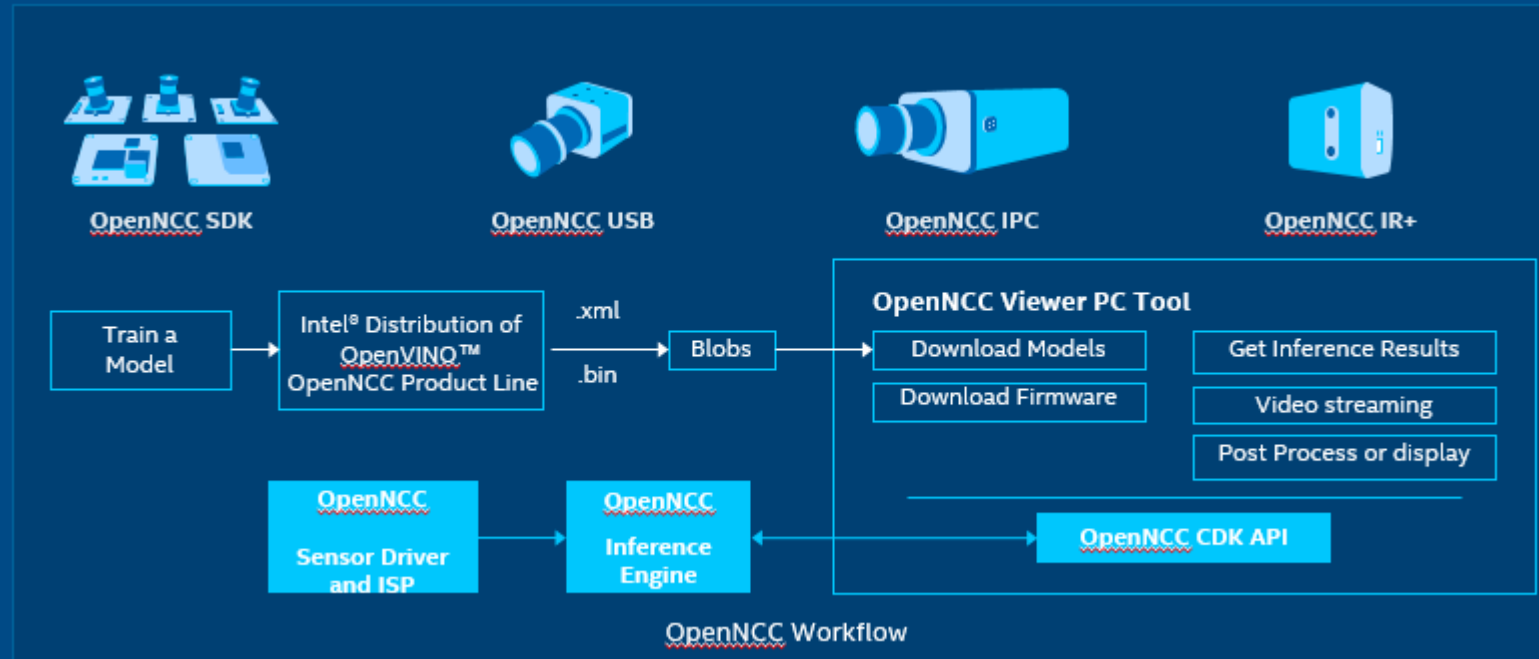
Resources

Partner kits are described at their website here.

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [OpenNCC IPC](#)
- [OpenNCC IP4](#)
- [OpenNCC IR+](#)





Elitegroup AI Vision Camera Integrity Check (CIC)

Kit Overview

Elitegroup AI Vision Camera Integrity Check (CIC) provides system integrators AI image recognition technology to check the integrity of security cameras, and the quality of the video files being captured. Data from these checks is then stored in a database where it can be used to generate alerts, insights, and more.

Value Prop

- **Maximize System Performance.** Launch robust tests to verify the health and integrity of camera systems and alert system's managers when interference is sensed
- **Integrate with Existing Systems.** Merge legacy systems and new cameras by optimizing technology with a unified platform
- **Reduce Cost of Systems Maintenance.** Utilize machine learning to gain system-specific insights and implement customized solutions

Geo & Purchase Contacts

Availability: Available in most markets. For country specific availability please visit Camera Integrity Check system (C.I.C) - [Intel® Solutions Marketplace](#)

Intel contact:
joseph.chiu@intel.com

Partner contact:
andy.sun@ecs.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Banking/FSI	Gaming & Entertainment	Government
Manufacturing	Hospitality	Transportation
	Retail	

Relevant Use Cases

(click to see full list of kits for each use case)

Environmental Monitoring	Situational Monitoring
--------------------------	------------------------

Kit Components

Intel Components

- Intel® Core™ i7 Processor
- Intel® OpenVINO™ toolkit

Software

CIC Solution

Elitegroup Hardware

- LIVA Z3 Plus

Operating System

- Ubuntu

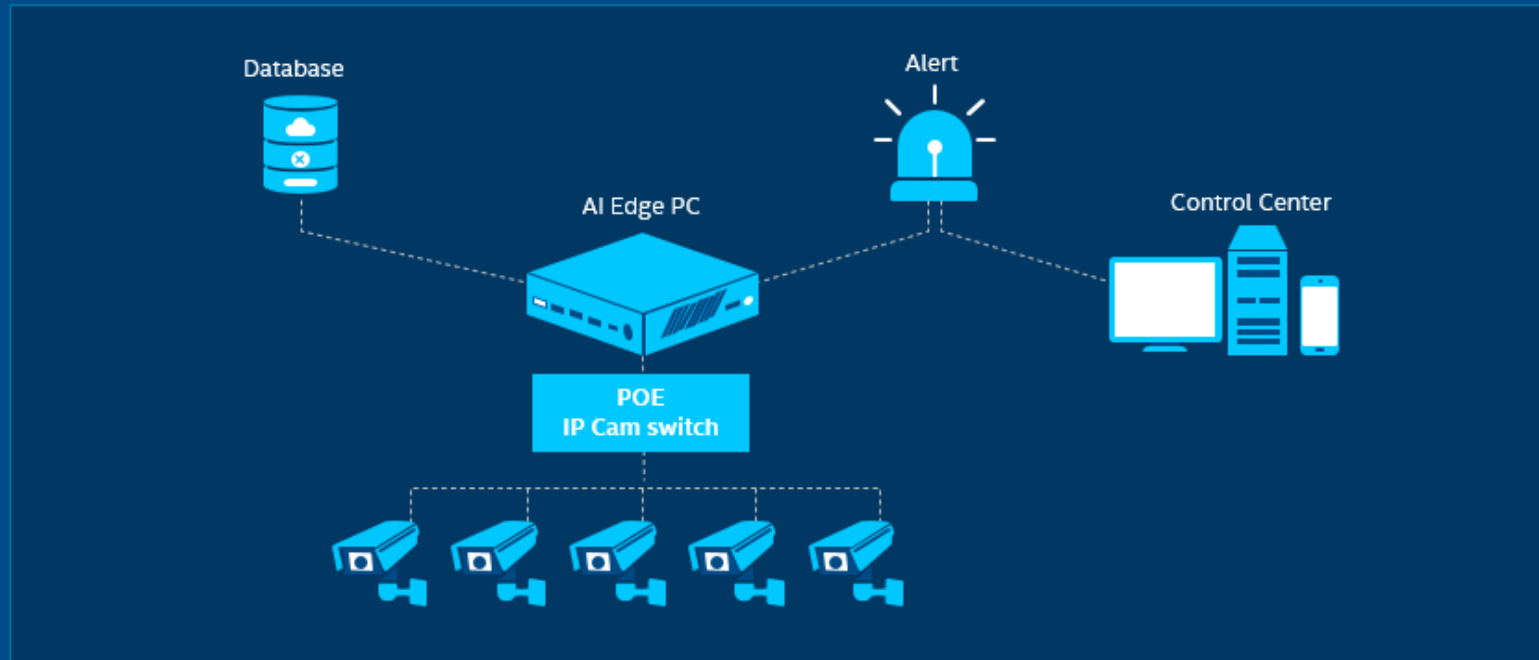
Resources

Partner kits are described at their website here.

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [CIC UI video](#)
- [CIC Performance video](#)
- [Asia Cement Company case study video](#)



Arrow Electronics Seneca XK-FLX with SpinetiX ARYA™



Kit Overview

The Seneca XK-FLX with SpinetiX ARYA™ provides an encrypted operating system that helps protect proprietary information and publish live digital media. By integrating hardware, software, services, and support, Arrow Electronics Seneca XK-FLX with SpinetiX ARYA™ enables signage and digital content solutions that create timely, rich, and dynamic visual communications.

Value Prop

- **Help improve security.** Assist in developing data security procedures with a kit trusted by public-sector and defense organizations
- **Provide a highly customizable kit.** Connect customers with custom templates and services that provide flexibility across a wide range of verticals and business needs.
- **Scale at the right rates and costs.** Ensure businesses pay only for what they need with a carefully priced and tiered kit

Geo & Purchase Contacts

Availability: Available in Canada ; Mexico; United States; Australia/New Zealand; Germany; Israel; Middle East, North Africa and Turkey; Russia; United Kingdom

Intel contact: willie.chow@intel.com

Partner contact: rducote@arrow.com

Sales in The Americas:
sales@bluestarinc.com

Relevant Verticals

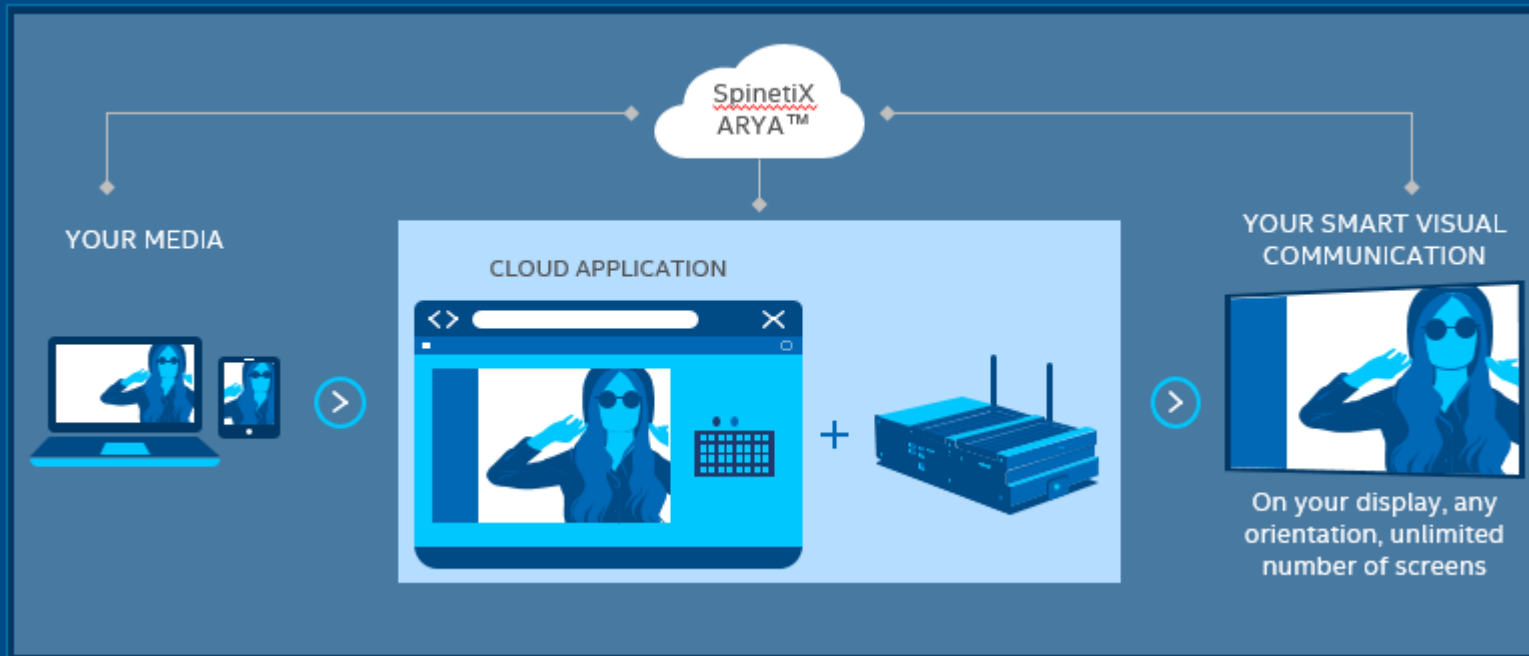
(click to see full list of kits for each vertical)

Retail	Banking/FSI	Education
Manufacturing	Energy	Gaming & Entertainment
Health & Life Sciences	Transportation	Hospitality

Relevant Use Cases

(click to see full list of kits for each use case)

Interactive Media



Kit Components

Intel Components

- Intel® Pentium® Processors
- Intel® Solid State Drives (SSD)

Arrow Hardware

- Seneca XK-FLX
- 1TB mSATA SSD

Cloud Service Provider

- SpinetiX ARYA™
- Amazon Web Services

Operating System

- Other

Learn More

Arrow kits are described at: [Seneca XK-FLX Embedded System](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information, visit the following:

- [SpinetiX ARYA and Seneca - Seneca](#)

DFI License Plate Recognition System



Kit Overview

DFI and Chunghwa Telecom have developed a high-performance AI enabled real-time license plate recognition system capable of issuing warnings and citations. This system can also identify written-off and scrapped vehicles to the police, so authorities can quickly remove illegally operating vehicles from roads.

Value Propositions

- **Reduce police personnel and workloads** by immediately warning vehicles of violations
- **Maintain reliability with a ruggedized solution** capable of collecting high quality image data in rain, wind, fog, dust and other harsh environmental conditions

Geo & Purchase Contacts

Availability: APAC/Taiwan, Global

Intel contact:
linda.y.chen@intel.com

Partner contact:
william.kung@dfi.com

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Human Wellness
Monitoring

Environmental
Monitoring

Kit Components

Intel Components

- Intel® Core™ i3 Processors
- Intel® Distribution of OpenVINO™ toolkit

Operating System

- Screen (HDMI Interface)
- (2) Tripod
- Drag Storage Box

DLC Inc. Hardware

- DFI ES220-CS System
- Power bank for intelligent image recognition host
- (2) Driving recorder lens
- (2) Power Bank for Drive Recorder Lens

Operating System

- Windows

Learn More

DFI Inc. ES220-CS kits are described at:

- [DFI Website](#)

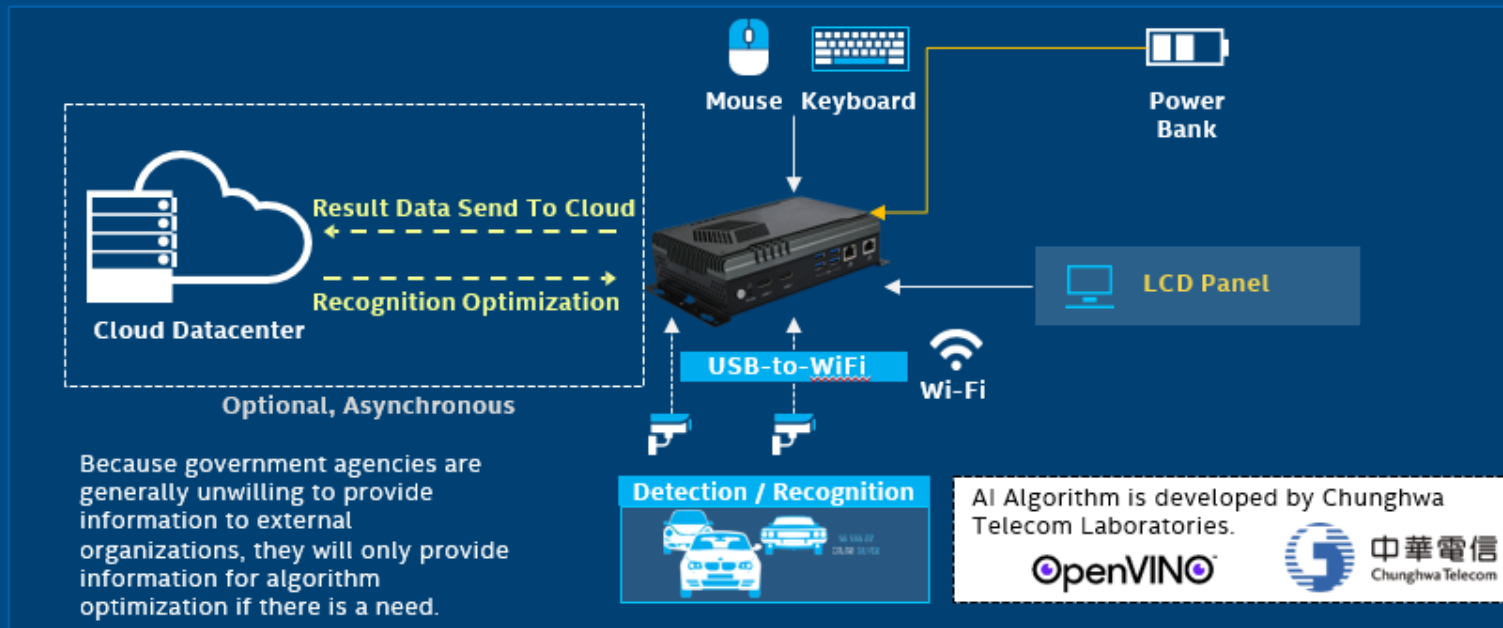
To learn about Intel IoT kits visit:

- [Intel IoT Kits Overview](#)

For more information, visit the following:

- [Datasheet](#)
- [Press Release](#)
- [Success Story](#)
- [Media Report \(Traditional Chinese\)](#)
- [Configuration Guide \(Coming Soon\)](#)

*Drivers issued warnings and citations are alerted they have been recorded and their information stored by the ES220-CS solution



Shekel Brainweigh Limited The Capsule



Kit Overview

The Capsule, by Shekel Brainweigh Ltd, is an autonomous micro-market framework enabling a friction-less shopping experience. End users check in via an API-connected payment system that communicates with 3D LiDAR sensors and product-aware shelves, which uses anonymous imaging to track the flow of end users and their purchased items, allowing end users to leave without the need for physically checking out. 3D sensor data is locally stored in the Intel Xeon-based Autonomous Store server.

Value Prop

- **Deploy a kit that enhances end user experience** with an automated and seamless shopping environment
- **Help retailers improve inventory management** with product-aware shelves that track product flow and purchase behavior
- **Decrease operation and setup cost** by deploying a kit that cuts down on the amount of hardware needed in an automated market

Geo & Purchase Contacts

Availability: Global

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
jon@shekelbrainweigh.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Control
Optimization &
Autonomy

Asset &
Operations
Optimization

Other

Kit Components

Intel Components

- Intel® NUCs +Xeon® processors

Partner Components

- Product Aware Bay/Shelves
- Shekel Software

Operating System

- Windows
- Ubuntu

Other Hardware Components

- Hitachi 3D Lidar Sensor
- Autonomous Store Server

Cloud Service Provider

- Private/On-Premises
- Hetzner Online GmbH

Resources

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Shekel Brainweigh Website](#)



ADLINK 5G Small Cell Solution



Kit Overview

The ADLINK 5G Small Cell Solution is a 5G base station that allows system integrators to leverage the kit's high-speed and low latency communication to integrate intelligent industrial equipment, improve cellular performance, increase channel throughput in edge applications, allow flexibility for hardware placement, and optimize production use cases. The solution can be deployed in a hybrid, public, or private 5G network – offering a highly adaptable solution that can be implemented across a wide-variety of verticals and use cases.

Value Prop

- **Provide scalability** by upgrading CPU memory or adding GPU and FPGA acceleration to lower capex and opex – all within a compact, portable design
- **Deploy an application-ready 5G network kit quickly** with an edge server series and BBU protocol stack to enhance on-floor connectivity and machine-to-machine communication
- **Enable easy management and maintenance** with a rugged kit that utilizes 5G intelligence to offer greater flexibility for hardware placement and decrease bottlenecks

Geo & Purchase Contacts

Availability: Global

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
clairehf.chen@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Other

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Control Optimization & Autonomy

Situational Monitoring

Machine Condition Monitoring

Kit Components

Intel Components

- Intel® Xeon® D-2123IT
- Intel® Xeon® D-2177NT
- Intel® Xeon® Scalable Processor

Operating System

- Windows
- Ubuntu
- Other

Cloud Service Provider

- Private/On-Premise

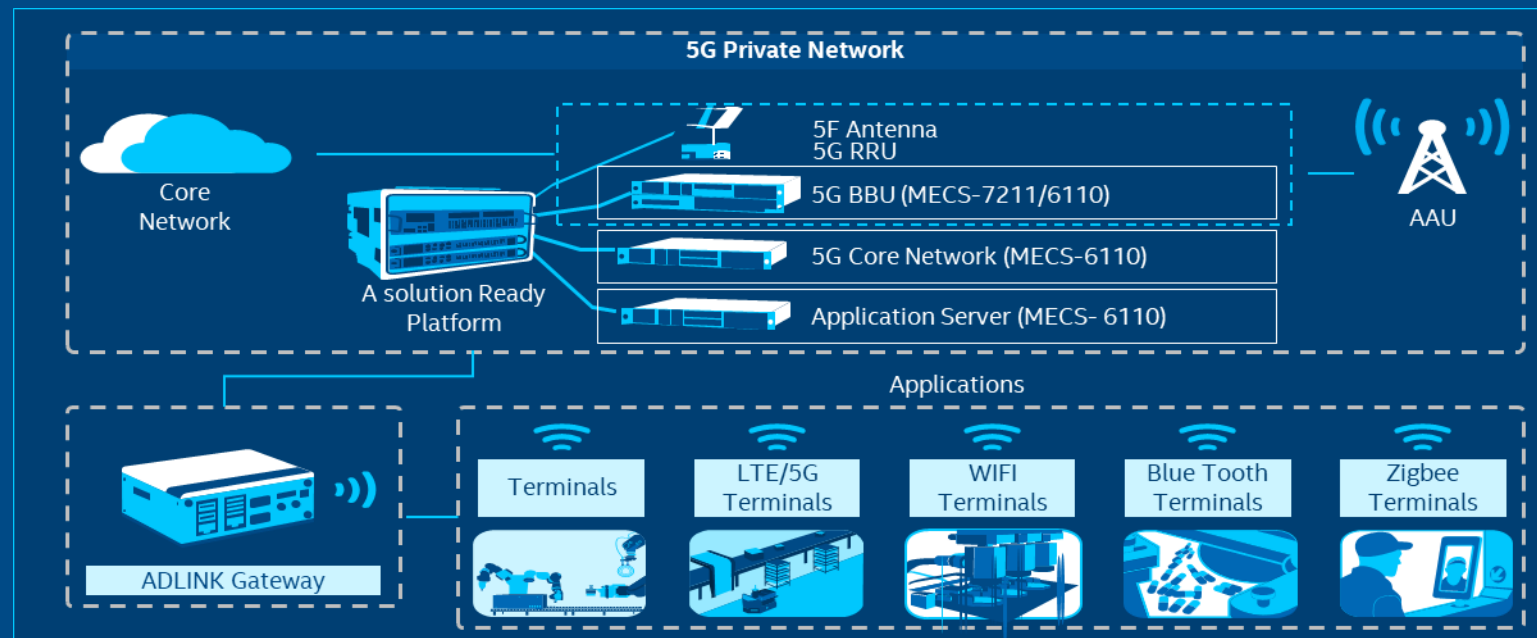
Partner Components

- 5G BBU (MECS-7211/6110)
- 5G Core Network (MECS-6110)
- Application Server (MECS-6110)
- Expansion Unit (EU)
- 5G RRU
- FEC Acceleration card (Pcle-A100)
- 5G Core Network
- 5G RAN Protocol Stack

Resources

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information:
▪ [ADLINK Luggage-shaped 5G Small Cell Solution](#)





ADLINK NeuronBot Rapid Robotic Development and Demo Kit

Kit Overview

The ADLINK NeuronBOT is a scalable, miniature autonomous robotic platform, designed to perform multivariable production line services or singular functions. Equipped with LIDAR sensor, high payload capacity, and dynamic motion ability, and spatial awareness, this versatile solution meets the needs of numerous industrial applications such as factory logistics, retail warehousing, and quality control.

Value Prop

- **Automate key processes** with an autonomous solution capable of collision avoidance
- **Simplify systems integration** with ROS tools and modules capable of interfacing with numerous hardware and software packages
- **Reduce total cost of ownership** through a system designed to mitigate service and repair
- **Enhance communications** with a system that connects to multiple devices via DDS

Geo & Purchase Contacts

Availability: Global

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
jensen.wang@adlinktech.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Asset & Operations Optimization

Control Optimization & Autonomy

NeuronBot Diagram

Top (Optional)

- Maximum Payload – 4kg

SLAMTEC RPLIDAR-A1 Lidar

- Range: 0.15~6m
- Scanning angle: 360°
- Measurement frequency: ≥2000Hz

ADLINK ROS controller

- ROS Starter Kit/Neuron Pi
- Compatible with open-source ROS/ROS2
- Camera for AI applications

Sensor connection design

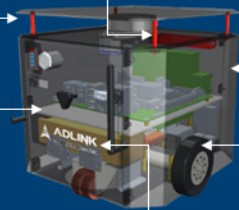
- Easy to install sensors and replace batteries

Camera (RealSense™)

- AI Implementation

Motor board and Wheels

- Compatible with open source ROS/ROS2
- Stable motor control



ADLINK Product offering:

- ROS Starter Kit Intel Technology used in the Solution
- Intel® 8th/9th Gen and Core™ i7/i5/i3 processor
- Intel Distribution of OpenVINO™ toolkit
- RealSense™ AI Camera

Kit Components

Intel Components

- Intel® Distribution of OpenVINO™ Toolkit
- Intel® RealSense™ D435
- Intel Atom® Processors
- Intel® Movidius™ VPU

Partner Components

- Neuron SDK
- ROS/ROS 2

Operating System

- Ubuntu

Hardware Components

- Motor controller
- EAI YDLidar-X4

Cloud Service Provider

- Private/On-Premises

Resources

Partner kits are described at their website here.

To learn about Intel IoT kits visit: [Intel® IoT Kits Overview](#)

For more information visit the following:

- [NeuronBot | ADLINK](#)
- [People Tracking and Recognizing Robot Video](#)

viso.ai Accident Avoidance Kit for Delivery Logistics



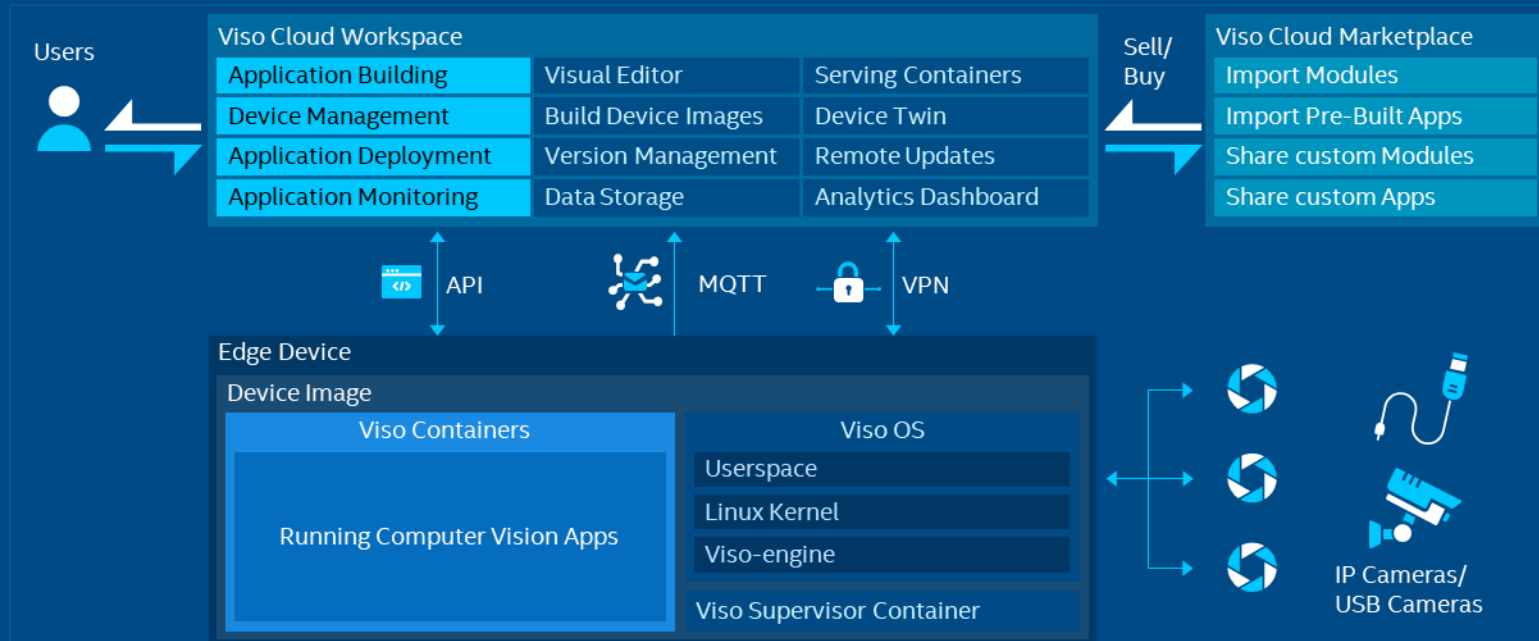
Kit Overview	Value Prop	Geo & Purchase Contacts
<p>The Accident Avoidance Kit for Delivery Logistics by viso.ai is a vision-based solution for last-mile delivery processes. Powered by Intel® AI technologies, the viso.ai platform leverages optical sensors around delivery vans for accident prevention, resulting in significant cost reduction.</p>	<ul style="list-style-type: none"> ▪ Overcome vehicle safety challenges with an AI, vision-based accident avoidance solution ▪ Lower operational costs with a comprehensive and scalable platform for last-mile delivery and accident prevention ▪ Operate in hardened environments with comprehensive device management and analytics monitoring across all edge sensors 	<p>Availability: Global</p> <p>Intel contact: rfp.ready.kits@intel.com</p> <p>Partner contact: viso.ai – info@viso.ai</p>

Relevant Verticals
 (click to see full list of kits for each vertical)

Transportation

Relevant Use Cases
 (click to see full list of kits for each use case)

Situational Monitoring Logistics & Tracking



Kit Components

<p>Intel Components</p> <ul style="list-style-type: none"> ▪ Intel® Core™ i3 Processors ▪ Intel® Distribution of OpenVINO™ toolkit ▪ Intel® Movidius™ VPUs ▪ Intel® Solid State Drives 	<p>Operating System</p> <ul style="list-style-type: none"> ▪ Linux <p>Cloud Service Provider</p> <ul style="list-style-type: none"> ▪ AWS Cloud
<p>viso.ai Components</p> <ul style="list-style-type: none"> ▪ Viso Suite 	

Resources

For more information visit the following:

- [viso.ai Website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

byteLAKE Cognitive Services (AI for Industry 4.0)



Kit Overview

byteLAKE Cognitive Services is a collection of AI models designed to address Industry 4.0 needs. Each AI model is created and trained to be razor focused on specific industry tasks.

- Billing automation
- Value inspection
- Data analytics

Value Prop

- **Meet specific customer needs** with dedicated AI models, designed to cater to Industry 4.0
- **Accelerate time to value** with detailed analytics of past interactions to enable informed decision making
- **Help customers drive operational efficiencies** with machine learning to detect anomalies

Geo & Purchase Contacts

Availability: Brazil; Canada; Mexico; United States; Other Americas; Australia/New Zealand; India; Japan; South Korea; People's Republic of China; Taiwan; Germany; Israel; Middle East, North Africa and Turkey; Sub-Saharan Africa; United Kingdom

Intel contact: rfp.ready.kits@intel.com

Partner contact: welcome@bytelake.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Agriculture	Banking/FSI
Retail	Hospitality	Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Product Inspection	Asset & Operations Optimization	Control Optimization & Autonomy
Environment Monitoring	Logistics & Tracking	Machine Condition Monitoring

Kit Components

Intel Components

- Intel® Core™ i5 or higher; Intel® Neural Compute Stick 2; Intel® Distribution of OpenVINO™ Toolkit

Partner Components

- Cognitive Services (preinstalled)

Operating System

- Windows; Linux

Hardware Components

- Lenovo ThinkCentre M720q (or similar); Industrial PC; Camera and/or sensors

Cloud Service Provider

- Microsoft Azure; On premise; Other

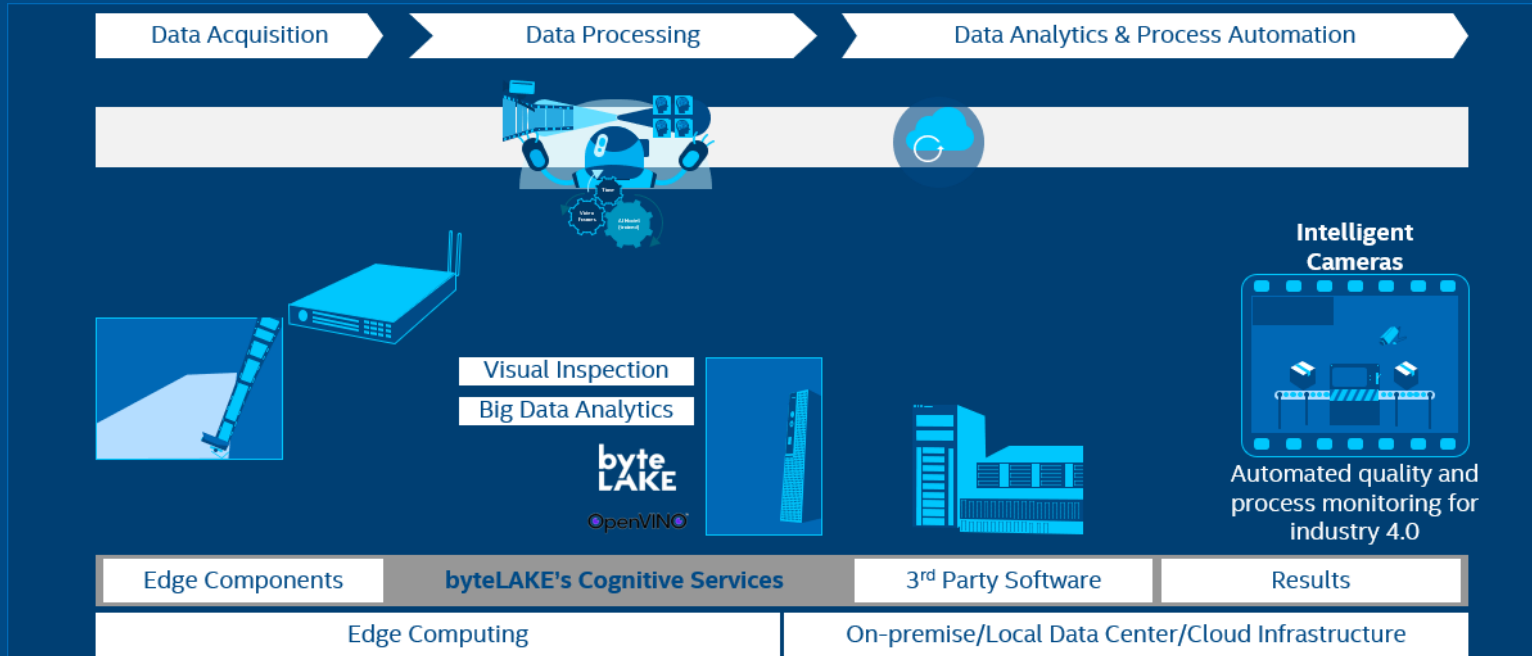
Resources

Partner kits are described at their website [here](#).

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [byteLAKE support](#)
- [Cognitive Services website](#)



meldCX Viana



Kit Overview

meldCX Viana uses AI vision and edge inference to capture data and produce anonymous audience analytics. Enterprises can use Viana to turn data stories into actionable insights for real-time viewing on any device, any time. With the kit, System integrators (SIs) can empower end users to better understand their customers and make more data-driven decisions.

Value Prop

- **Integrate seamlessly with existing devices** without need to replace current hardware
- **Accelerate time to value** without needing developers to get started and through an easy setup with single-click install
- **Deliver anonymous vision analytics** that meets compliance standards by processing and tokenizing data at the edge to keep it completely anonymous, keeping no identifiable information

Geo & Purchase Contacts

Availability: Asia/Pacific/Japan, United States/Canada

Intel contact:
meredy.mun@intel.com

Partner contact:
joy@meldcx.com

Relevant Verticals

(click to see full list of kits for each vertical)

Retail	Banking/Financial Services	Other
Government	Hospitality	Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Situational Monitoring	Asset & Operations Optimization	Control Optimization & Autonomy
Interactive Media		

Kit Components

Intel Components

- Intel Core™ i5/i7 Processors
- Intel® NUC
- Intel® Movidius™ VPUs
- Intel® Neural Compute Stick 2

Kit Hardware

Varies by use case. Hardware platforms include:

- Axis/ Meraki cameras, sensors**
- digital signage screens/tablet

Kit Software

- Viana inference engine
- Viana dashboard
- SAMi®*

Operating System

- Windows

Cloud Service Provider

- Google Cloud Platform
- Microsoft Azure

Resources

Partner kits are described at their website here.

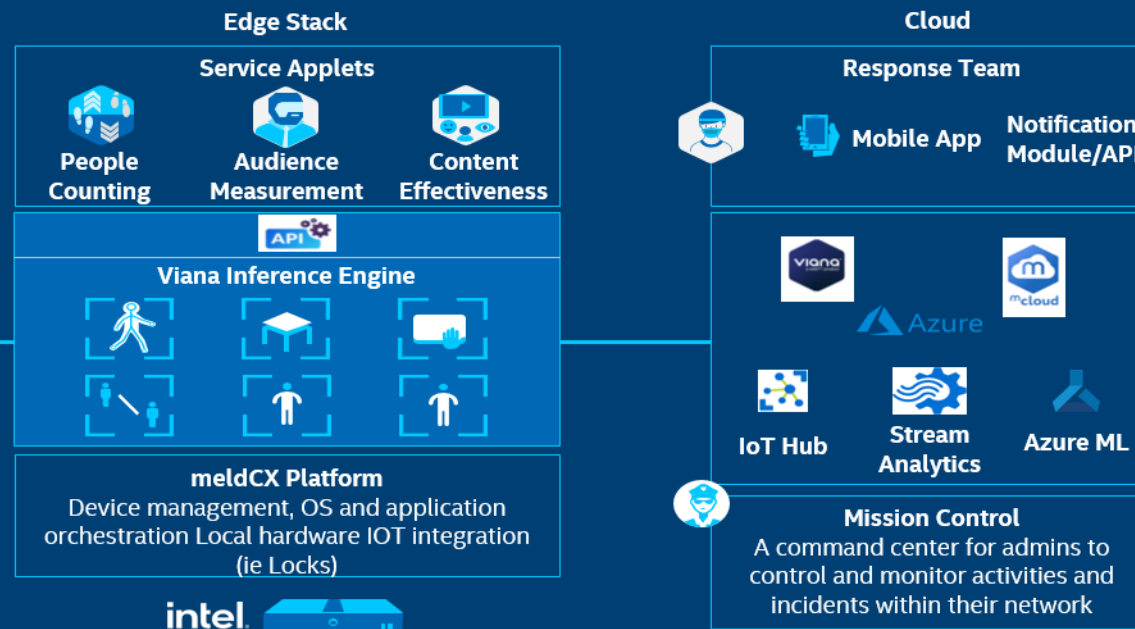
To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [meldCX Viana Webpage](#)
- [meldCX Viana Brochure](#)
- [meldCX Viana Video Clip](#)

Solution Architecture

Technical Architecture diagram for edge to cloud framework



Dell AI Data Node with EIS



Kit Overview

The Dell AI Data Node provides actionable insights for factories that are automated and fast. The two AI Data Node platforms are designed to support multiple workloads for Smart Manufacturing and Industrial applications. Both are enterprise class platforms equipped to support EIS (Edge Insights Software for Industrial).

Value Prop

- **AI-Powered Edge Data Storage/App Development Platform** - Provides an Application development platform to support Edge AI Inference. Supports cloud-independent environment, scalable storage, training, and model distribution
- **Deploy Quickly** - Off-the-shelf kit simplifies deployment and support, providing immediate value to customers
- **Store Data Flexibly** - Designed to support persistent storage with a full Dell Technologies storage portfolio

Geo & Contacts

Availability: Global

Intel contact:
robert.kamp@intel.com

Partner contact:
alex.rodriquez@dell.com

Relevant Verticals

(click to see full list of kits for each vertical)

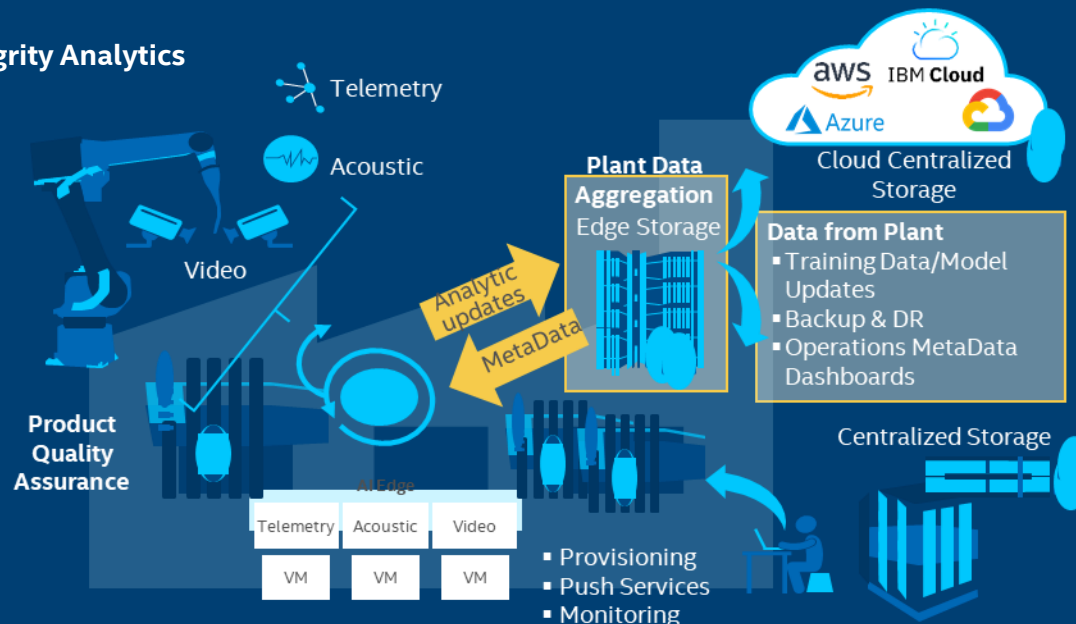
Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Asset &
Operations
Optimization

Eg: Weld Integrity Analytics



Kit Components

Intel components

- Intel® Xeon® Processors
- Intel® Distribution of OpenVINO™ toolkit

Dell hardware

- Dell VxRail D-Series
- Dell PowerEdge XE2420

Kit software

- Linux

- Splunk Enterprise Software Application

Cloud Service Provider

- Cloud agnostic

Operating system

- Windows
- Ubuntu
- Suse OS

Learn More

Discover more with:

- [Dell Website](#)

To learn about Intel IoT kits visit:

[Intel IoT Kits Overview](#)

For more information, visit the following:

- [EIS information available here](#)

- [Splunk information available here](#)

Dell AI Edge Node with EIS



Kit Overview

The Dell AI Edge Node provides actionable insights for factories that are automated and fast, enabling customers to enter Industry 4.0. The AI Edge Node is based on Dell Precision 3240 Compact and the Dell Embedded Box PC 5000 designed for Smart Manufacturing and Industrial applications. It is a hardened system equipped with Intel® Edge Insights for Industrial software.

Value Prop

- **Monitor and optimize customer equipment** - By tracking equipment quality levels across the factory
- **Deploy quickly** - With an off-the-shelf kit that adds immediate value to the customer
- **Store data flexibly** - With a kit that is designed to support multiple workloads

Geo & Purchase Contacts

Availability: Global

Intel contact:
robert.kamp@intel.com

Partner contact:
alex.rodriguez@dell.com

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing

Relevant Use Cases

(click to see full list of kits for each use case)

Asset &
Operations
Optimization

Product
Inspection

Kit Components

Intel Components

- Intel® Core™ i3 Processors
- Intel® Celeron® Processors
- Intel® Distribution of OpenVINO™ toolkit

Dell Hardware

- Dell Precision 3240 Compact
- Dell Embedded Box PC 5000

Kit Software

- Linux
- Splunk Enterprise Software Application

Cloud Service Provider

- Cloud agnostic

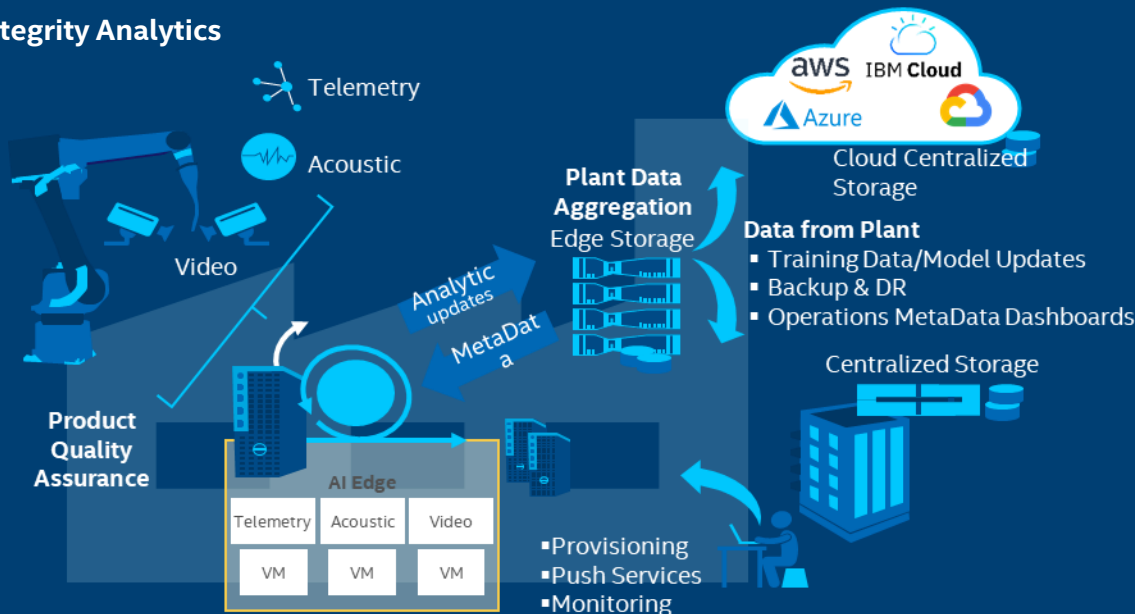
Operating System

- Windows

Video Analytics Accelerators

- CPU
- iGPU
- Intel Neural Compute Stick 2
- Intel Movidius VPUb

Eg: Weld Integrity Analytics



Learn More

Discover more with:

- [Dell Website](#)

To learn about Intel IoT kits visit:

[Intel IoT Kits Overview](#)

For more information, visit the following:

- [EIS information available here](#)
- [Splunk information available here](#)



Olea Kiosks Inc. Detroit Drive Thru Self-Order Kiosk

Kit Overview

The Detroit Drive Thru Self-Order Kiosk is an innovative solution designed to streamline customer interactions in quick service, self service, and drive thru hospitality services. With multiple graphics and branding options, the Drive-Thru Self-Order Kiosk can be deployed freestanding or mounted on a column, post or wall. The unit is also protected by an efficient, low-voltage advanced cooling system and tough, outdoor-rated compression security locks.

Value Prop

- Deploy a solution that can easily transported, quickly built, and be rapidly integrated
- Increase ROI on a long-lasting system with a sleek, modern design engineered to function in a wide range of extreme environments.
- Reduce operating costs with a solution that gives employees the freedom to focus on high-priority tasks and customer assistance

Geo & Purchase Contacts

Availability: United States, Canada, Mexico

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Daniel Olea – daniel@olea.com

Relevant Verticals

(click to see full list of kits for each vertical)

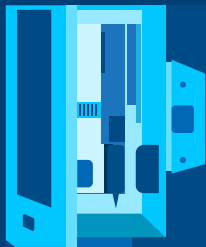
Hospitality

Relevant Use Cases

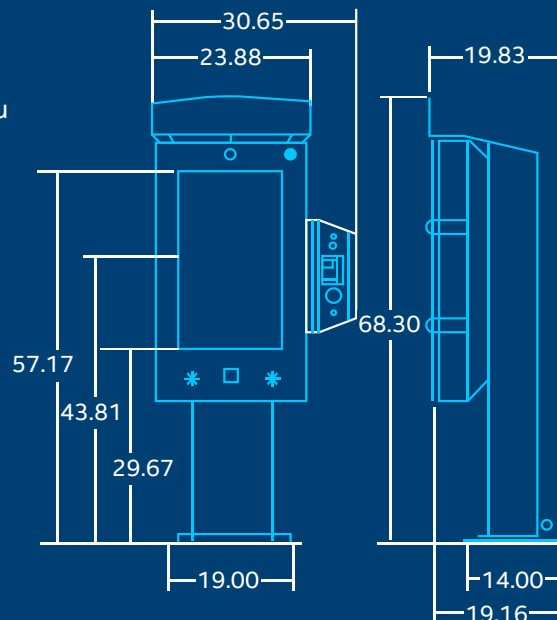
(click to see full list of kits for each use case)

Interactive Media

A Closer Look At Detroit Drive-Thru



Easy to use. Easy to maintain. Easy to love.



STANDARD

- 32" sunlight-viewable LCD screen
- Advanced multi-touch, higher-clarity touch-screen
- Lower power draw w/advanced cooling design
- Outdoor-rated compression security locks
- Automotive-style door gasketing
- High-temp industrial computer system
- Marine-grade stereo speakers

OPTIONAL

- Flexible installation options, including free-standing or column – post – or wall-mounting
- Custom graphics, overhead signage and other branding options are available
- Presence-detection
- EMV-compliant payment options

DIMENSIONS

- Width: 30.658"
- Height: 68.30"
- Depth: 19.16"
- Weight: 164lbs
- Base plate: 19"w X 14"d

Kit Components

Intel Components

- Intel® Core™ i3, i5 Processors

Partner Components

- Cooling system
- Weatherproof housing

Operating System

- Windows

Hardware Components

- 32" LCD Screen
- Marine-grade speakers

Cloud Service Provider

- Amazon Web Services

Resources

Partner kits are described at their website here.

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [Detroit Drive Thru Kiosk by Olea Kiosks](#)
- [Kiosk Service & Support by Olea Kiosks](#)

Advantech ARK-1551 + VEGA-330 Vision AI Ready Platform for Video Security and Public Safety



Kit Overview

The Advantech ARK-1551 + VEGA-330 Vision AI Ready Platform for Video Security and Public Safety kit is popular for video analytics and traffic vehicle applications for fast detection speeds and high accuracy. The Advantech's Vision AI Ready Platform provides smart cities with opportunities to improve safety and overall livability.

Value Prop

- **Drive operational efficiencies** with a valuable suite of programmable APIs and built-in intelligent management tools
- **Integrate with ease** using rugged, multifunctional I/O input for industrial equipment integration, making it an excellent choice for diverse environments
- **Support high performance** with an adaptable system that can be easily integrated with panel/displays within limited spaces

Geo & Purchase Contacts

Availability: Global

Intel contact:
rfp.ready.kits@intel.com

Partner contact: Alice Liu –
ihsin.liu@advantech.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Government

Transportation

Relevant Use Cases

(click to see full list of kits for each use case)

Environment Monitoring

Situational Monitoring



Kit Components

Intel Components

- Intel® Core™ i5 Processor
- Intel® Movidius™ Myriad™ X VPU
- Intel® Distribution of OpenVINO™ Toolkit

Cloud Service Provider

- Other

Advantech Software

- Advantech Edge AI Suite
- YOLOv3 AI Model
- WISE-DeviceOn

Advantech Hardware

- ARK-1551
- VEGA-330

Operating System

- Windows

Resources

Partner kits are described at their website [here](#).

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:
▪ [Vision AI Ready Platform for Security and Public Safety Applications](#)

ECS Elitegroup – AI Boost CCTV System



Kit Overview

The AI Boost CCTV System utilizes AI to add intelligent functionality to existing CCTV systems improving traffic management, incident response, security monitoring, and more; thereby optimizing transportation and public safety. The data collected and analyzed includes, but is not limited to, car and pedestrian flow data, that can be leveraged for traffic light interval decisions, bus schedule determination, reversible lane decisions, and traffic accident and incident reporting.

Value Prop

- **Approach any customer** with a highly customizable solution, compatible with all camera brands, that can be tailored to myriad CCTV scenarios.
- **Upgrade a customer's entire CCTV ecosystem** with real-time analysis, reporting, and control
- **Implement a cost-effective AI-driven solution** through integration with a customer's existing CCTV infrastructure.

Geo & Purchase Contacts

Availability: Brazil; Canada; Mexico; United States; Other Americas; Australia/New Zealand; India; Japan; South Korea; People's Republic of China; Taiwan; Germany; Israel; Middle East, North Africa and Turkey; Russia; Sub-Saharan Africa; United Kingdom

Intel contact:
rfp.ready.kits@intel.com

Partner contact: Andy Sun
andy.sun@ecs.com.tw

Relevant Verticals

(click to see full list of kits for each vertical)

Transportation	Education
Government	Retail

Relevant Use Cases

(click to see full list of kits for each use case)

Environment Monitoring	Situation Monitoring
------------------------	----------------------

Kit Components

Intel Components

- Intel® Core™ i7 Processors
- Intel® Distribution of OpenVino™ toolkit

Genkitek software

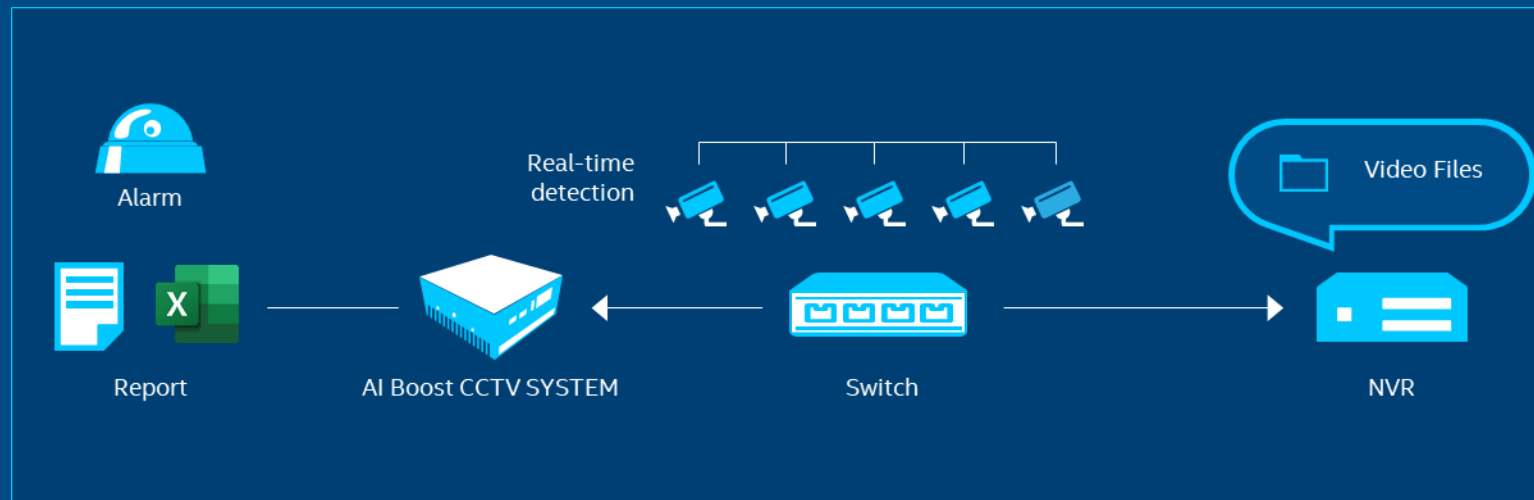
- GenkiTek AI Boost CCTV Inferencing Software

Operating System

- Windows

ECS Elitegroup Components

- LIVA Z3 Plus



Resources

Partner kits are described at their website here.
[ECS Global website](#)

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

EXOR EDGE: eXware707AI & eX710AI



Kit Overview

The EXOR Edge AI eXware707 and AI eX710 are rugged and compact devices, optimized by Intel® Movidius™ 2, designed to enhance and accelerate AI machine learning. For example, manufacturers can use the kit to automatically detect defective products and present operators with anomalies for management and classification.

Value Prop

- **Optimize deep learning** with devices that are designed for computation-intensive edge applications to accelerate AI analysis
- **Maximize ROI** with a kit that helps automate processes with AI deep learning to reduce manual labor costs
- **Improve scalability** with a kit that allows enormous future expansion to ensure efficient machine learning as technology progresses

Geo & Purchase Contacts

Availability: EMEA, APAC, NA

Intel contact:
rfp.ready.kits@intel.com

Partner contact: Stefano Isella
stefano.isella@exoreembedded.net

Relevant Verticals

(click to see full list of kits for each vertical)

Manufacturing	Health & Life Sciences
Energy	Other

Relevant Use Cases

(click to see full list of kits for each use case)

Control Optimization & Autonomy	Energy Monitoring & Management
Machine Condition Monitoring	Product Inspection

Kit Components

Intel Components

- Intel® Atom® Processors
- Intel® FPGA Products
- Intel® Movidius™ VPU
- Intel® Distribution of OpenVINO™ toolkit

EXOR Components

- Corvina Edge
- Corvina Cloud

Operating System

- Ubuntu, Yocto, Clear Linux

Cloud Service Provider

- Amazon Web Services, Google Cloud Platform, Microsoft Azure, Private/On-Premises

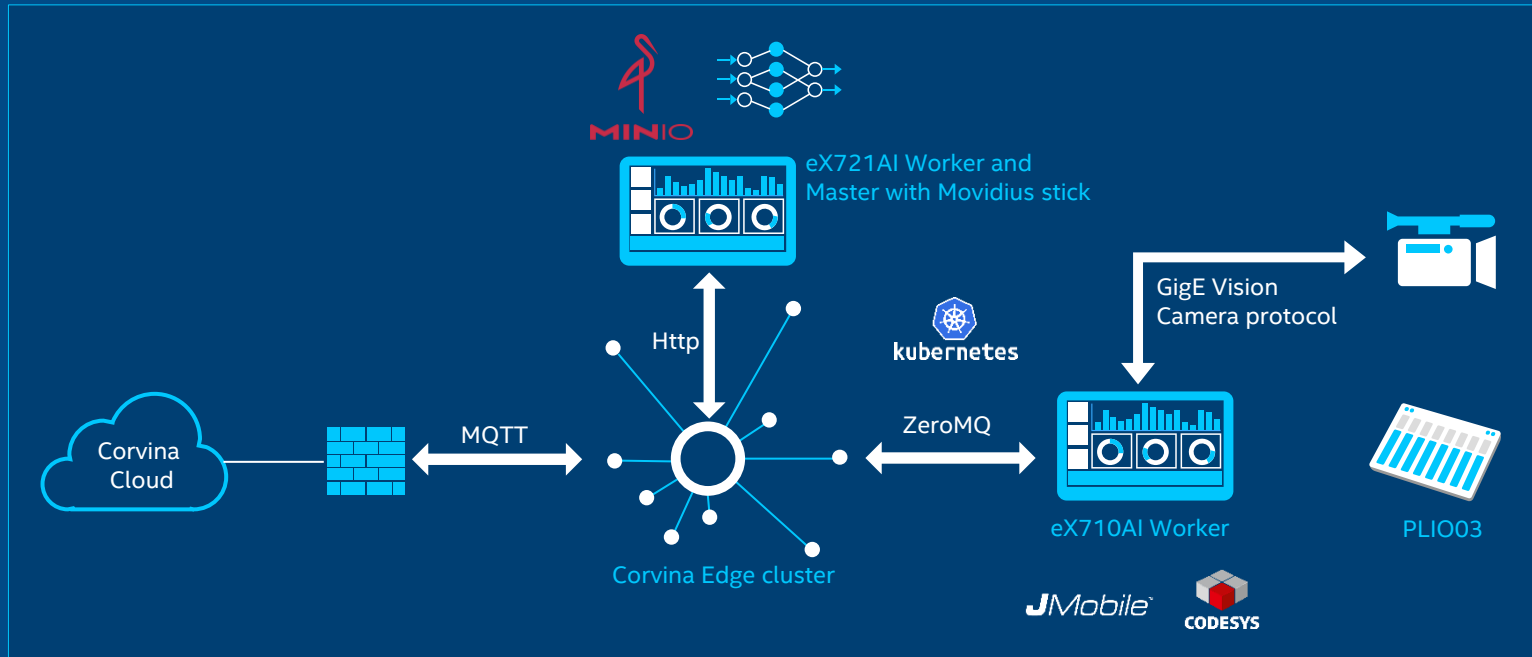
Resources

Partner kits are described at their website here.

To learn about Intel IoT kits visit: [Intel® IoT Kits Overview](#)

For more information visit the following:

- [EXOR Webpage](#)
- [EXOR Edge AI Solution Webpage](#)



XINESS K-Gate



Kit Overview

The XINESS K-Gate is an access management system with smart IT technology and a data analysis platform that helps organizations to protect the safety of its members and to promote efficient facility management.

Value Prop

- **Enable real-time access control** with a kit that uses AI technology to determine verify personal identification for building entry
- **Integrate seamlessly into existing systems** with a flexible kit that is compatible with various management systems
- **Help customers improve operational efficiency** with a gate-type, contactless entry that reduces long queues with automated screening processes

Geo & Purchase Contacts

Availability: Globally

Intel contact:
rfp.ready.kits@intel.com

Partner contact:
Mark Seo – markseo@xiness.com

Relevant Verticals

(click to see full list of kits for each vertical)



Relevant Use Cases

(click to see full list of kits for each use case)



Kit Components

Intel hardware

- Intel® NUC
- Intel® RealSense™ Technologies

XINESS Hardware K-Gate

- Thermal imaging camera
- Antibacterial air curtain
- Contactless hand disinfectant
- Digital signage
- LED alarm system

Cloud Service Provider

- Private
- On-Premises

Operating System

- Windows

XINESS software

- Facial recognition
- Fever detection and reporting system
- Access control system
- Time & attendance management system
- Smart questionnaires
- Visit reservation system
- Self registration system
- Digital signage control system
- Entry/exit info notifications

Resources

Partner kits are described at their website [here](#).

To learn about Intel IoT kits visit: [Intel IoT Kits Overview](#)

For more information visit the following:

- [K-Gate Webpage](#)

Alarm Service High fever visitor LED alarm

Thermal Imaging Camera Fever check & voice alarm

AI Face Recognition System Registered/non-registered visitor recognition
Missing child/people detection
Determining whether a mask is worn

Non-contact Hand-Sanitizer Dispenser Automatic spray type
KFDA approved ingredients

Steel

Sterilization/Fine Dust Prevention Air Curtain Plasma ion air curtain
Sterilizing air
Blocking fine dust/outside pollutants

Digital Signage Non-contact UX digital signage
Gesture recognition
(Powered by Intel® RealSense™ Technologies)

Intel NUC PC Stable system
Camera control
Authentication system control
Digital signage control

HEPA Filter Fine dust prevention
Outside pollutants prevention