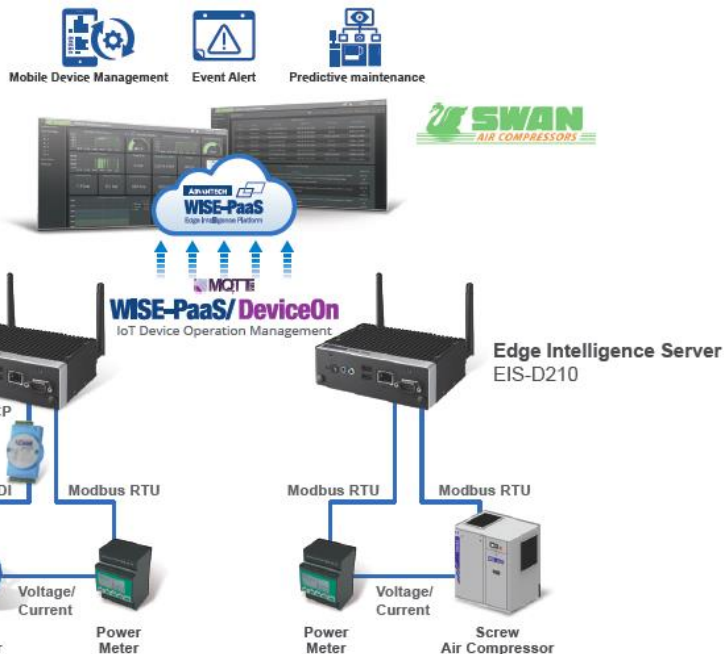


Take the First Step toward Transformation with **WISE-PaaS/DeviceOn**

Rosa Chang
Business Development Manager
Advantech



Air Compressor Manufacturer Creates New Service Model with IoT Edge Technology



- **Powerful connectivity and data acquisition capabilities** help the customer quickly deploy IoT and integrate field data with backend management.
- Provides a multitude of APIs to develop **customizable dashboards** and messages and **integrate cross-platform data** and applications.
- Allows customers to inaugurate **preventive maintenance**, which adds value to their compressor products, minimizes unexpected equipment breakdowns.

- Field Informaiton
- Equipment Status
- AC-1
- AC-2
- AC-3
- AC-4
- AC-5
- AC-6
- Event History
- Language
- 繁體中文
- English

DEMO02/ AC3_EN

⌚ Last 6 hours Refresh every 10s 🔍 ↺

Discharge Temp Diagram

Discharge Temp

87.1 °C

Discharge Pressure Diagram

Discharge Pressure

7.8 bar

Power(KW) Diagram

Power(KW)

44 kW

Kilowatt Hour (KWH)

40464 KWH

Voltage

217 V

TS-37-S

Load Pressure

7.6 bar

Offload Pressure

8.3 bar

Load/offload Hours

1882 hrs

Load Hours

1192 hrs

Electricity Bill

202322

Compressor Utilization Rate

⌚ Last 7 days

current▼

Load 45.4%

Standby 28.4%

Off-load 26.3%

Kilowatt Hour Diagram

⌚ Last 7 days

Electricity Bill

⌚ Last 2 days

Tong Cheng Iron Works Co., Ltd.

No. 16 Ta Chin St. Sec. 2, Taichung, Taiwan, 40242

Telephone : +886422612135

Email : swantc@swanair.com.tw

Semiconductor Manufacturer Uses DeviceOn to Increase Production Utilization

Challenge

Require the most controls of data security and operation monitoring

Key

- Device Management
- Predictive maintenance

Solution

- Built-in Algorithm in DeviceOn
- To maintain beforehand
- ERP/MES integration



Purchase Options

Cloud License → Pay **Monthly**

WISE-PaaS/EnSaaS  Microsoft Azure

Deploy service by subscription



or

On-Premise License → Pay **One Time**

 **kubernetes**  **VM** **WISE-Stack**

Activate application with license key



Both via the WISE-PaaS Marketplace

An AIoT Solutions eCommerce Platform

Step1

Marketplace

[Sign in](#)
[Free Trial](#)

[Products](#)
[Solutions](#)
[Resource](#)

Management Portal

Browse Apps

Industry Focused Apps

- iFactory/Electronics
- iFactory/Metal
- Energy & Environment
- iCity Service
- iRetail & Hospitality
- iHospital

WISE-PaaS IApp Products

- IoT-PaaS Service (EnSaaS)**
- WebAccess
- Video and Display Management

DeviceOn App & Dev

Edge SRP (Software)

Partner Apps

AI Framework Consultation

Consulting Services

Training

Home > Apps > Industrial Apps > iFactory/Metal

Vendor: All
Pricing Model: All

[View Results](#)
[Not sure where to start? View Solution](#)

Results: 182 [Clear Filters](#)

DeviceOn Apps

DeviceOn DM

Device Management

Free

Free Software Trial

DeviceOn FaceView

Face View

125 Points

Get it now

DeviceOn EZI

Equipment to Intelligence

180 Points

Get it now

DeviceOn ePaper

ePaper Management

100 Points

Get it now

DeviceOn OTA

OTA Updates

Free

Free Software Trial

DeviceOn Dev

DeviceOn Device Management

Device Management

Free

Free Software Trial

DeviceOn Data Management

Data Management

Free

Free Software Trial

DeviceOn Connectivity Service

Connectivity Service

Free

Free Software Trial

DeviceOn OTA Updates

OTA Updates

Free

Free Software Trial

DeviceOn Rule Engine

Rule Engine

Free

Free Software Trial

DeviceOn DeviceOn Security

DeviceOn Security

Free

Free Software Trial

Ask an Expert

[Request Call Back](#)
[Contact Sales](#)

Step2

WISE-PaaS/DeviceOn - IoT Device Management App

Service Provider : Advantech

Category : IoT PaaS Software Services, Industrial Cloud Solutions

Last Update : 2/27/2019 12:00:00 AM

Zero-touch onboard, visualized operations, real-time actions, and remotely manages connected devices at scale.

8.4 up WISE-Point

Monthly Subscription / Redeem

Purchase Options

Service Details

Service Architecture & Successful Cases

Pricing Details

WISE-PaaS/DeviceOn - Generic Cloud Service (Eligible For EnSaaS 30-day Free Trial)

DeviceOn Cloud Service (EnSaaS version)

8.4 WISE-Point

9806WPD001

Subscribe

10 machine connections : 1 point

+

EnSaaS Entry Package : 7.4 point

||

8.4 point in total

Step3

EnSaaS Org

Azure Hong Kong2

Azure Beijing

Alibaba Cloud Hangzhou

EnSaaS Org Name

Login to see your Org Name

Space Name

Login to see your Space Name

* Please note: change data center after successful subscription is currently not supported. Please contact us if you required Migration services.

Industrial Cloud Solution Services

WISE-PaaS/DeviceOn - IoT Device Management App

8.40 WISE-Points

Please select

10 machine connections

Associated WISE-PaaS/EnSaaS Services Required

Minimum associated WISE-PaaS/EnSaaS service is Entry service package. This service will consume at least 1.375GB App Space memory in your Org quota.

This Org's Current App Space Memory Usage after subscription

Estimated Monthly Cost

free 30-day trial available to new WISE-PaaS/EnSaaS subscribers

WISE-PaaS/DeviceOn - IoT Device Management App: 10 machine connections

8.40

Associated WISE-PaaS/EnSaaS Services Required

EnSaaS Service Plan Entry

Estimated Subtotal

8.40 WISE-Points

Member Discount: 0.00 WISE-Point per Month

* Prices are estimates and are not intended as actual price quotes. Actual prices may vary depending upon your actual consumption. Pay As You Go consumption fees apply for IoT Hub Messages and DB Storage usage exceeding the subscribed WISE-PaaS/EnSaaS Service Package in a monthly billing cycle.

Cancel

Login to view your price

Step4

Organizations / AdvIoT-SAE / TrainingSCADA

Organization

Space

Users

Application List

Service Instance List

Route List

Usage

	Name	Package	State	Instances	State	CPU	Memory	Disk
<input type="checkbox"/>	dashboard...	STAGED	<div></div>	1 (Total)	<div></div>	0.0%	512M	1G
<input type="checkbox"/>	demoPyth...	STAGED	<div></div>	1 (Total)	<div></div>	N/A	128M	512M
<input type="checkbox"/>	portal-sca...	STAGED	<div></div>	1 (Total)	<div></div>	0.0%	512M	1G
<input type="checkbox"/>	saas-com...	STAGED	<div></div>	1 (Total)	<div></div>	0.0%	256M	1G
<input type="checkbox"/>	scada-dat...	STAGED	<div></div>	1 (Total)	<div></div>	0.0%	256M	1G

Real-time Actions



Reboot-Reboot Default



Screenshot-Screenshot Default



Power On-Demo Power On



Power Off-Demo Power Off



Reboot-Demo Reboot



Scheduled Tasks



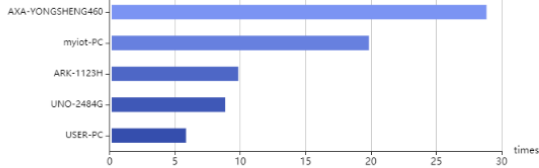
Week 47 (November 2019)



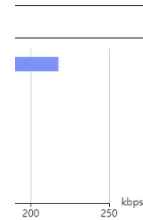
	Mon 18	Tue 19	Wed 20
00:00	No Event	No Event	No Event
00:30			
01:00			
01:30			

	it 23	Sun 24
Event		No Event

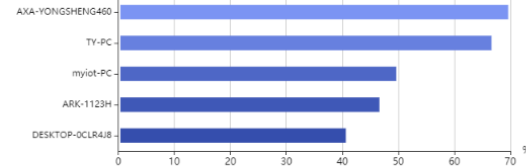
Top 5 Devices Disconnect



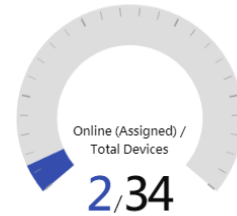
DeviceOn Free Trial



Top 5 Devices Disk Usage

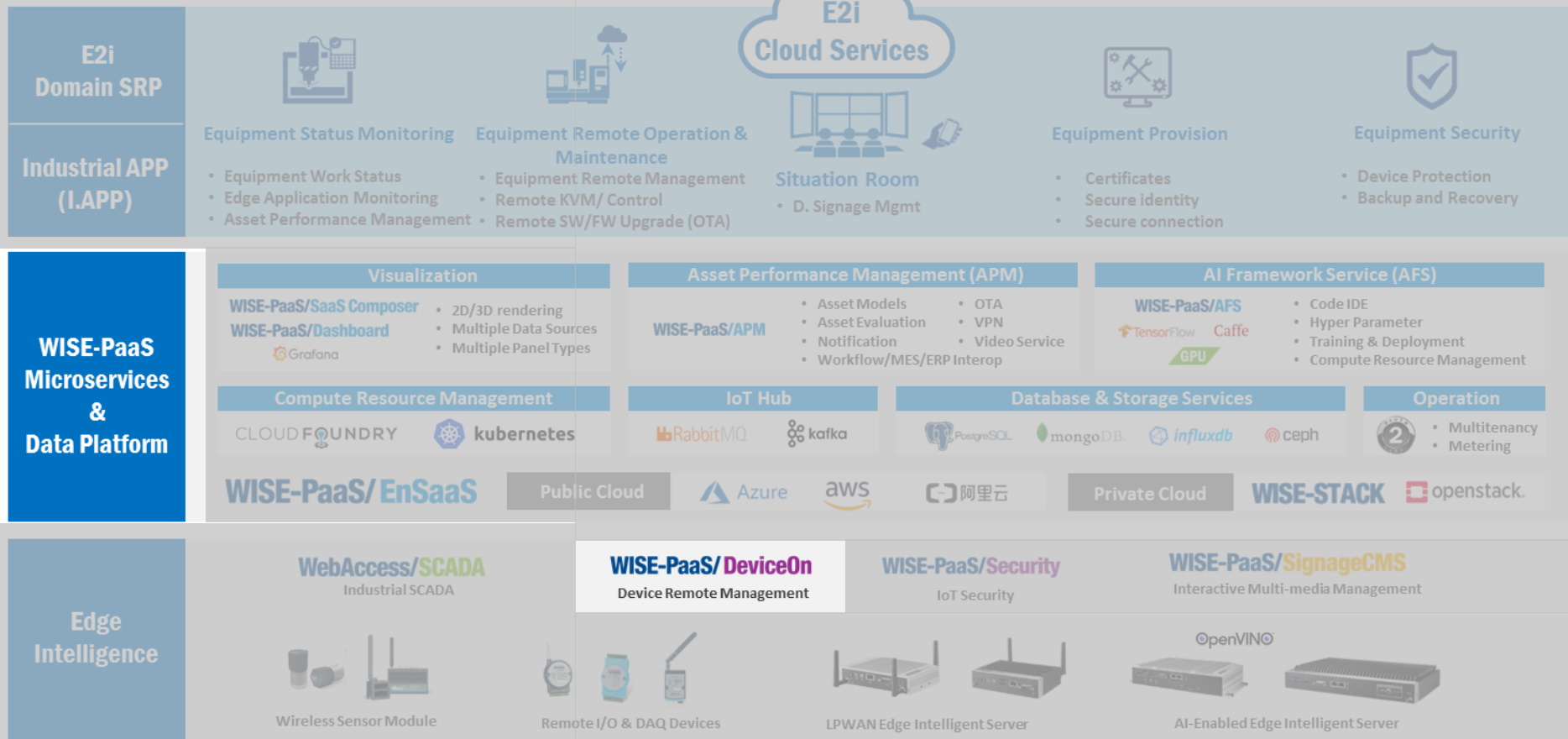


Online/ Total Devices



SCAN ME TO TRY!

WISE-PaaS Architecture for Equipment-to-Intelligence



Application Framework Services



Fixed Assets



Mobile Assets



Site Infrastructures



Management Staffs

Digital Twins

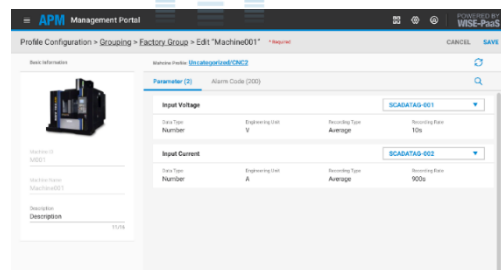
Integration with
workflow IT systems

Data
Fusion

Connected
Assets, Sites,
& Staffs



Visualization



Asset Performance Mgmt.



AI Framework Service

WISE-PaaS/Dashboard
WISE-PaaS/SaaS Composer

Multiple Data Sources
2D & 3D Rendering

WISE-PaaS/APM

Asset Models
Asset Evaluation
Workflow Integration

Alarm/Trigger
OTA
Auth. Mgmt.

WISE-PaaS/AFS

Code IDE
Hyper Parameter
Data Pre-Processing

Model Management
Inference Engine Deploy
Compute Resource Mgmt.

WISE-PaaS/EnSaaS

Scalable Data Platform with Microservices Framework

WebAccess/SCADA

WISE-PaaS/WISE.M+

WISE-PaaS/DeviceOn

WISE-PaaS/VideoSense

WISE-PaaS/LwM2M

Connected OT assets

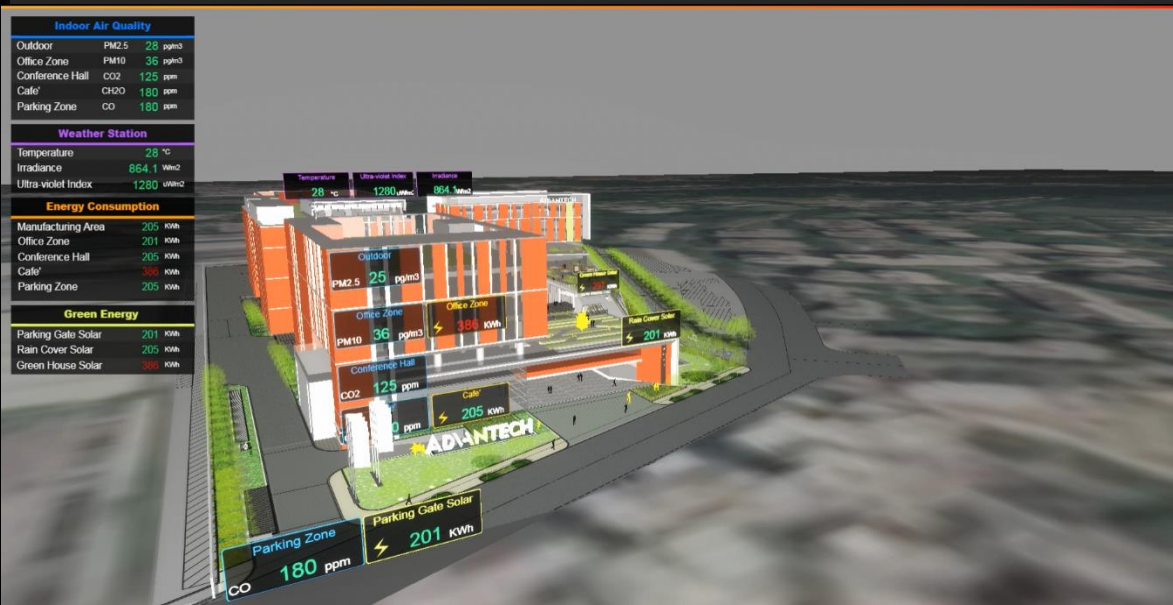


ADVANTECH

Energy Management S...

- Home
- Building
- Building Energy Con...
- Energy Consumption I...
- Energy Consumptio...
- Electricity Demand
- Partition Energy Consu...
- Building
- Floor
- Partition
- Type Energy Consump...
- Energy Type Statisti...
- Energy Type Statisti...
- Meter Trend(Hour)
- Pre-Comparison
- Language

林口建築 能耗總覽-EN



Item	Actual Value	Unit
Temperature	21	oC
Irradiance	864.1	W/m2
UV-Index	1280	uW/m2

Green Energy		
Item	Actual Value	Unit
Parking Gate Solar	1	KWh
Rain Cover Solar	2	KWh
Green House Solar	2	KWh

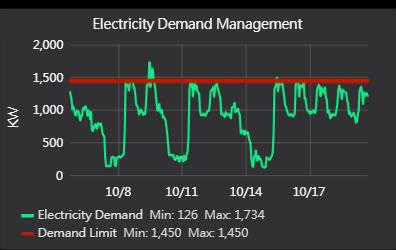
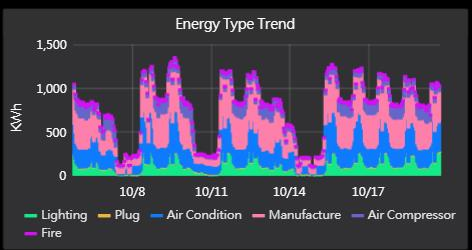
Energy Consumption		
Item	Actual Value	Unit
Manufacturing Area	978	KWh
Office Zone	105	KWh
Conference Hall	95	KWh

Today Electricity Consumption

16,657 KWh

Month Electricity Consumption

409,469 KWh



Indoor Air Quality			
Item	Pollutant	Actual Value	Unit
Outdoor	PM2.5	26	pg/m3
Office Zone	PM10	22	pg/m3
Conference Hall	CO2	972	ppm

WISE-PaaS is designed for...

Machine Builder

- Embed WISE-PaaS software in their products
- Make services value-added leveraging PaaS solutions

System Integrator

- Focus on application integration and deployment in specific domains using Advantech hardware and WISE-PaaS
- Complete certified training and receive architecture consultation
- Leverage Advantech's marketing resources

Channel Partner

- Resell software and SRP on the WISE-PaaS Marketplace to end customers
- Share Advantech's marketing resources

Software Developer

- Develop ready to use solutions for IoT scenarios based on Advantech hardware and WISE-PaaS
- Publish solutions on the Marketplace
- Leverage Advantech's biz networking



WISE-PaaS Alliance Program



◆ Regular | 100 points ◆

- ✓ Free certified training
- ✓ 2% discount of cloud services

◆ VIP | 2000 points ◆

- ✓ 6% discount of cloud services
- ✓ Free certified training
- ✓ Free consultation
- ✓ Business opportunity referral
- ✓ Marketing resources

◆ Premier | 4000 points ◆

- ✓ 10% discount of cloud services
- ✓ Free certified training
- ✓ Free consultation
- ✓ Business opportunity referral
- ✓ Marketing resources

WISE-PaaS VIP Alliance

One Alliance, One Network, Limitless Opportunities

Sell to Grow

- Publish I.APP on the Marketplace
- Gain international promotion and orders



Alliance Network

- Attend Advantech IoT Partner Conference
- Gain business network through 1-on-1 meeting
- Co-marketing and case study



Speed to Market

- Get the best discount for 150+ IoT Solutions
- Instant purchase with one click
- Business consultation and technical training

ADVANTECH
WISE-PaaS
VIP Member



Join VIP

Co-Marketing Offerings for VIP/Solution Partner



Case Study
Newsletter/Website
Video/PDF/PPT

Logo
Impression



Showcase
on Event

Speech
on Event



Release
News

Webinar
To train Advantech
Sales/CP

LinkedIn
Promotion



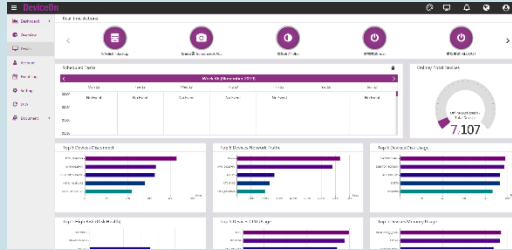
For SRP Co-Creation Partner

350 Members

Energy & Environment
能源與環境

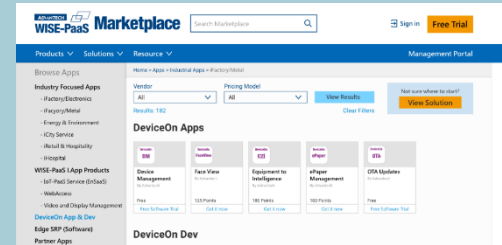
24/7 Services and Resources on demand

DeviceOn Demo



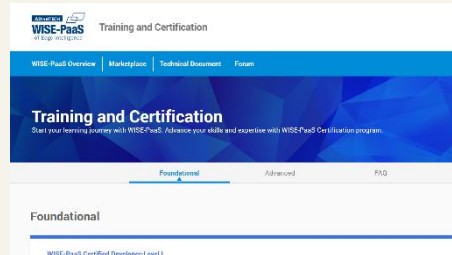
<http://deviceon.wise-paas.com>

WISE-PaaS Marketplace



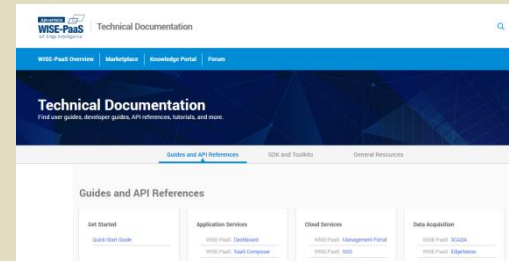
<http://wise-paas.advantech.com/en-us/marketplace>

Certified Training



<https://training.wise-paas.advantech.com/en>

Technical Documentation



<https://docs.wise-paas.advantech.com/en>

Co-Creating the Future of the IoT World

