WISE-Edge365
A No-Code SaaS Platform for Device and Data Management to Accelerate Digital Transformation

- What is WISE-Edge365
- An overview of WISE-Edge365 functions
- Advantech hardware with WISE-Edge365
- Vertical focus and applications
A single management platform reduces the hassle of system integration.

Remote access to systems which minimizes downtime.

Increased operation efficiency with IoT connectivity and OTA functions.

One-stop shopping for everything you need at the edge.

SaaS-based device management, pay-as-you-go.

Pain Points in IoT Environments

Complex Integration with Mass Deployment

- Edge devices are usually deployed in the same network. However, the complexity of edge devices and protocols increases the difficulty of data integration.
- Large amounts of time and manpower are required for programming to ensure that devices communicate with each other.

Difficulty of Maintaining Uptime

- Computing systems in their fields of operation are usually located at unstaffed or remote sites. It is difficult and costly to maintain system uptime and prevent equipment breakdown.

Start Managing Your Devices and Data with WISE-Edge365

WISE-Edge365 offers you a complete device management service, together with edge software and a cloud service, to connect to Advantech IoT devices, and remotely manage those devices along with their data and applications.

As a SaaS hosted on Microsoft Azure, WISE-Edge365 provides a user-friendly interface on the portal. Users can log in to access every function such as device configuration, real-time monitoring, and user management. In addition, it is simple and flexible to visualize data and export third-party systems.

Your Benefits at a Glance

- A single management platform reduces the hassle of system integration
- Remote access to systems which minimizes downtime
- Increased operation efficiency with IoT connectivity and OTA functions
- One-stop shopping for everything you need at the edge
- SaaS-based device management, pay-as-you-go
An Overview of WISE-Edge365 Functions

Everything You Need for IoT Edge
Advantech offers IPC, protocol gateways, intelligent I/O, wireless gateways, etc. It's a one-stop shop for everything you need for AIoT projects.

Analyze Your Data with Dashboards
WISE-Edge365 comes with cloud dashboards for you to build big data analytic applications in a no-code environment.

A Single Platform for Device Management
WISE-Edge365 provides a single platform for you to manage all your edge devices to reduce the complication of using multiple management platforms from different vendors.

Maintenance Resource Optimization
Users can set maintenance alarms with big data dashboards. Dispatch lists can also be sent out to maintenance engineers to efficiently utilize their work force.

Seamless Integration from Edge to Cloud

Cloud Service with Three Pillars
WISE-Edge365 provides cloud service with following functions to remotely manage Advantech IoT devices and platforms.

Connectivity Management
- Instant onboarding
- Batch provisioning
- Authentication

Device & Platform Management
- Event notification
- Scheduling
- Remote management

Data Management
- Analytics
- Data storage
- Rule engine

Powerful Edge Solution
WISE-Edge365 provides intelligent edge software such as EdgeLink and DeviceOn bundled with Advantech devices, to easily collect, process, and integrate data.
Advantech Hardware with WISE-Edge365 Cloud Service

WISE-Edge365 Cloud Service is a low-code/no-code development platform allowing users to fully manage all Advantech hardware such as computing platforms, edge gateways and I/O without any development cycles required.

<table>
<thead>
<tr>
<th>Supported Advantech Hardware</th>
<th>Cloud Functions</th>
<th>Content</th>
</tr>
</thead>
</table>
| Computing platforms         | Computing platform management | • Remote monitoring and control of platforms  
|                             | Application software management | • USB/keyboard lockdown management  
|                             | Data management | Setup software and application updates on the platforms from the cloud  
|                             | Customer edge device management | Data export via MQTT or API to third-party cloud services or customer systems  
| Edge gateway & I/O          | Device management | Remote access to devices for configuration and updates  
|                             | Connectivity management | Monitor and manage network connections for IoT deployment  
|                             | Data management | Data export via MQTT or API to third-party cloud services or customer systems  

Applications

Data Management

WISE-Edge365 Device Management

Third-Party Applications

Supported Advantech Hardware Cloud Functions

- Computing platform management
- Application software management
- Data management
- Customer edge device management
- Device management
- Connectivity management
- Data management

Content

- Remote monitoring and control of platforms
- USB/keyboard lockdown management
- Setup software and application updates on the platforms from the cloud
- Data export via MQTT or API to third-party cloud services or customer systems
- Remote access to devices for configuration and updates
- Monitor and manage network connections for IoT deployment
- Data export via MQTT or API to third-party cloud services or customer systems
**Vertical Focus and Applications**

**Smart Factories**

**Remote Equipment Management & Maintenance**
Equipment such as boilers and compressors play key roles in the operation of a factory. WISE-Edge365 helps customers connect the equipment and data via Advantech IoT devices, and transmits the data to the cloud. WISE-Edge365 also supports OTA updates which can help machine builders remotely catch issues and update software on devices that are difficult to access.

**Building**

**Remote HVAC Monitoring & Maintenance**
HVAC monitoring is important as it is a major contributor to the maintenance and energy consumption expenses of a building. WISE-Edge365 offers a reliable solution for remote operation and maintenance of IoT devices connected to HVAC to track energy consumption and the performance of heating, ventilation, and air conditioning units.

**Energy & Environment**

**Distributed Remote Monitoring**
WISE-Edge365 provides a cloud-enabled facility and environmental monitoring for water management systems. Advantech IoT devices bundled with edge software can track the real-time operating status of distributed pumps and remotely control the water supply.
### Regional Service & Customization Centers

**China**
- Kunshan: 86-512-5777-5666
- Taiwan:
  - Taipei: 886-2-7732-3399
  - Kaohsiung: 886-7-392-3600

**Netherlands**
- Eindhoven: 31-40-267-7000

**Poland**
- Warsaw: 00800-2426-8080

**USA**
- Milpitas, CA: 1-408-519-3888

### Worldwide Offices

#### Asia Pacific

<table>
<thead>
<tr>
<th>Country</th>
<th>City</th>
<th>Toll Free</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taiwan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Taipei</td>
<td>886-2-2792-7818</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Taichung</td>
<td>886-4-2372-5058</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kaohsiung</td>
<td>886-7-392-3600</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Toll Free</td>
<td>800-810-0345</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beijing</td>
<td>86-10-6296-4346</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shanghai</td>
<td>86-21-3632-1616</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shenzhen</td>
<td>86-755-8212-4222</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chengdu</td>
<td>86-28-8545-0198</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hong Kong</td>
<td>852-2720-5118</td>
<td></td>
</tr>
<tr>
<td>Korea</td>
<td>Toll Free</td>
<td>080-363-9494/5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seoul</td>
<td>82-2-3950-9525</td>
<td></td>
</tr>
<tr>
<td>Singapore</td>
<td>Singapore</td>
<td>65-6442-1000</td>
<td></td>
</tr>
<tr>
<td>Malaysia</td>
<td>Kuala Lumpur</td>
<td>60-3-7725-4188</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Panang</td>
<td>60-4-537-9189</td>
<td></td>
</tr>
<tr>
<td>Thailand</td>
<td>Bangkok</td>
<td>66-02-2488306-9</td>
<td></td>
</tr>
<tr>
<td>Vietnam</td>
<td>Hanoi</td>
<td>84-24-3399-1155</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hochiminh</td>
<td>84-28-3636-5856</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td>Jakarta</td>
<td>62-21-751-1939</td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>Toll Free</td>
<td>1300-308-531</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Melbourne</td>
<td>61-3-9797-0100</td>
<td></td>
</tr>
<tr>
<td>India</td>
<td>Bangalore</td>
<td>91-94-4839-7300</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pune</td>
<td>91-94-2260-2349</td>
<td></td>
</tr>
</tbody>
</table>

#### Europe

<table>
<thead>
<tr>
<th>Country</th>
<th>City</th>
<th>Toll Free</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Netherlands</td>
<td>Eindhoven</td>
<td>31-40-267-7000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breda</td>
<td>31-76-523-3100</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tokyo</td>
<td>81-3-6802-1021</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Osaka</td>
<td>81-6-6267-1887</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nagoya</td>
<td>81-0800-500-1055</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nogata</td>
<td>81-949-22-2890</td>
<td></td>
</tr>
<tr>
<td>Korea</td>
<td>Toll Free</td>
<td>080-363-9494/5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seoul</td>
<td>82-2-3950-9525</td>
<td></td>
</tr>
<tr>
<td>Singapore</td>
<td>Singapore</td>
<td>65-6442-1000</td>
<td></td>
</tr>
<tr>
<td>Malaysia</td>
<td>Kuala Lumpur</td>
<td>60-3-7725-4188</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Panang</td>
<td>60-4-537-9189</td>
<td></td>
</tr>
<tr>
<td>Thailand</td>
<td>Bangkok</td>
<td>66-02-2488306-9</td>
<td></td>
</tr>
<tr>
<td>Vietnam</td>
<td>Hanoi</td>
<td>84-24-3399-1155</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hochimin</td>
<td>84-28-3636-5856</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td>Jakarta</td>
<td>62-21-751-1939</td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>Toll Free</td>
<td>1300-308-531</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Melbourne</td>
<td>61-3-9797-0100</td>
<td></td>
</tr>
<tr>
<td>India</td>
<td>Bangalore</td>
<td>91-94-4839-7300</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pune</td>
<td>91-94-2260-2349</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>Paris</td>
<td>33-1-4119-4666</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>Milan</td>
<td>39-02-9544-961</td>
<td></td>
</tr>
<tr>
<td>UK</td>
<td>Newcastle</td>
<td>44-0-191-262-4844</td>
<td></td>
</tr>
<tr>
<td></td>
<td>London</td>
<td>44-0-870-493-1433</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td>Madrid</td>
<td>34-91-668-86-76</td>
<td></td>
</tr>
<tr>
<td>Sweden</td>
<td>Stockholm</td>
<td>46-0-864-60-500</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>Warsaw</td>
<td>48-22-31-51-100</td>
<td></td>
</tr>
<tr>
<td>Russia</td>
<td>Moscow</td>
<td>8-800-555-01-50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>St. Petersburg</td>
<td>8-812-332-57-27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>St. Petersburg</td>
<td>8-921-575-13-39</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>Ústí nad Orlicí</td>
<td>420-465-524-421</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>Galway</td>
<td>353-91-792444</td>
<td></td>
</tr>
</tbody>
</table>

#### Americas

**North America**
- Toll Free 1-888-576-9668
- Cincinnati 1-513-742-8995
- Milpitas 1-408-519-3898
- Irvine 1-949-420-2500
- Ottawa 1-815-433-5100
- Chicago 1-888-576-9668
- Boston 1-800-866-6008

**Brazil**
- Toll Free 0800-770-5355
- São Paulo 55-11-5592-5367

**Mexico**
- Toll Free 1-800-467-2415
- Mexico City 52-55-6275-2777
- Guadalajara 52-33-3169-7670

**Middle East and Africa**
- Israel 072-2410527
- Turkey 90-212-222-0422
- Turkey-Bursa 90-224-413-3134

www.advantech.com

Please verify specifications before ordering. This guide is intended for reference purposes only. All product specifications are subject to change without notice. No part of this publication may be reproduced in any form or by any means, electronic, photocopying, recording or otherwise, without prior written permission of the publisher. All brand and product names are trademarks or registered trademarks of their respective companies. © Advantech Co., Ltd. 2022.