

Microsoft Azure

Transforms Your Business with the IoT Cloud

/ Azure Cloud Platform Services

/ Cloud Services Roadmap

/ Solution Packages

/ IoT Cloud Applications



ADVANTECH

Enabling an Intelligent Planet

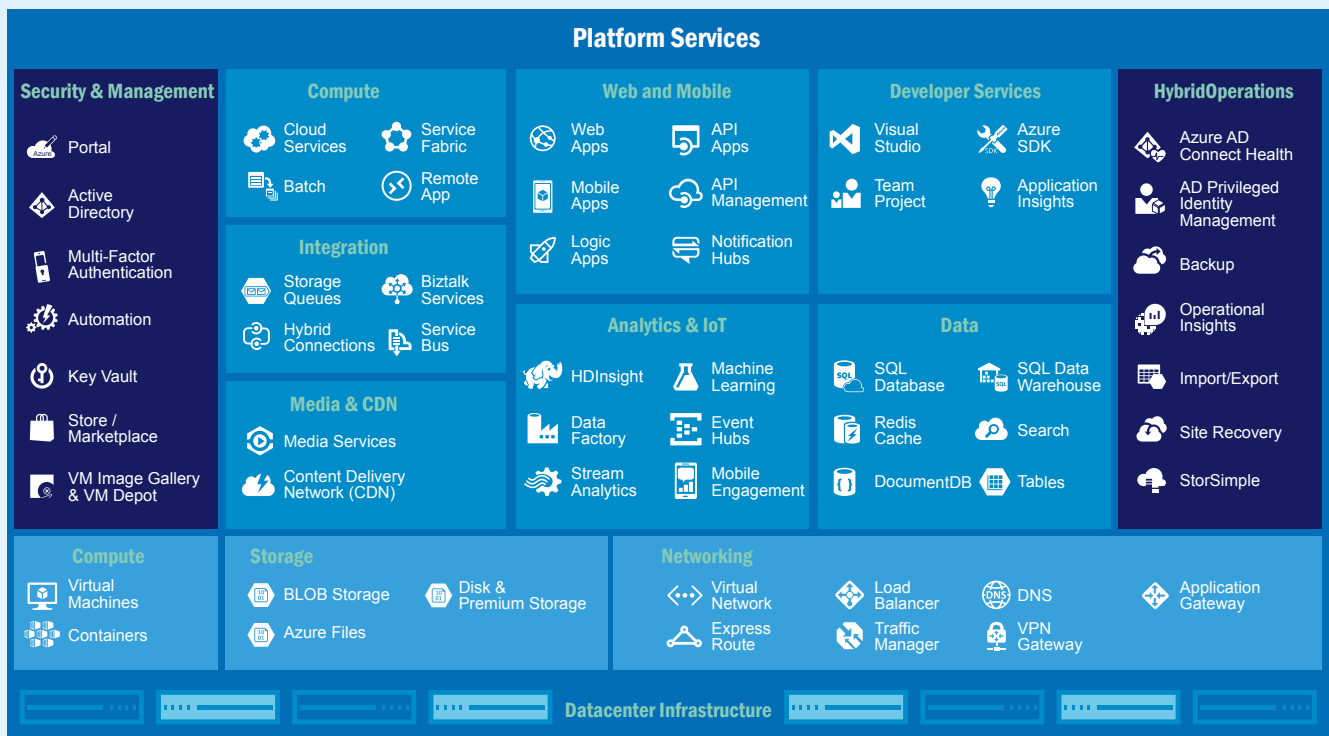


www.advantech.com

Microsoft Azure IoT Cloud Platform Services

Advantech and Microsoft have enjoyed a long-term partnership, stretching from Microsoft Windows Embedded to Microsoft Azure. Over the years, Advantech has successfully helped dozens of major customers develop their IoT industry applications, creating mutually beneficial business models. Advantech and Microsoft Azure help customers build their new-generation products and services for the IoT era. Microsoft Azure is a growing collection of integrated cloud services that allows you to quickly deploy infrastructures and services to meet all of your business needs. Azure's pay-as-you-go services quickly scale up or down to match demand, so you only pay for what you use.

Microsoft Azure Cloud Services

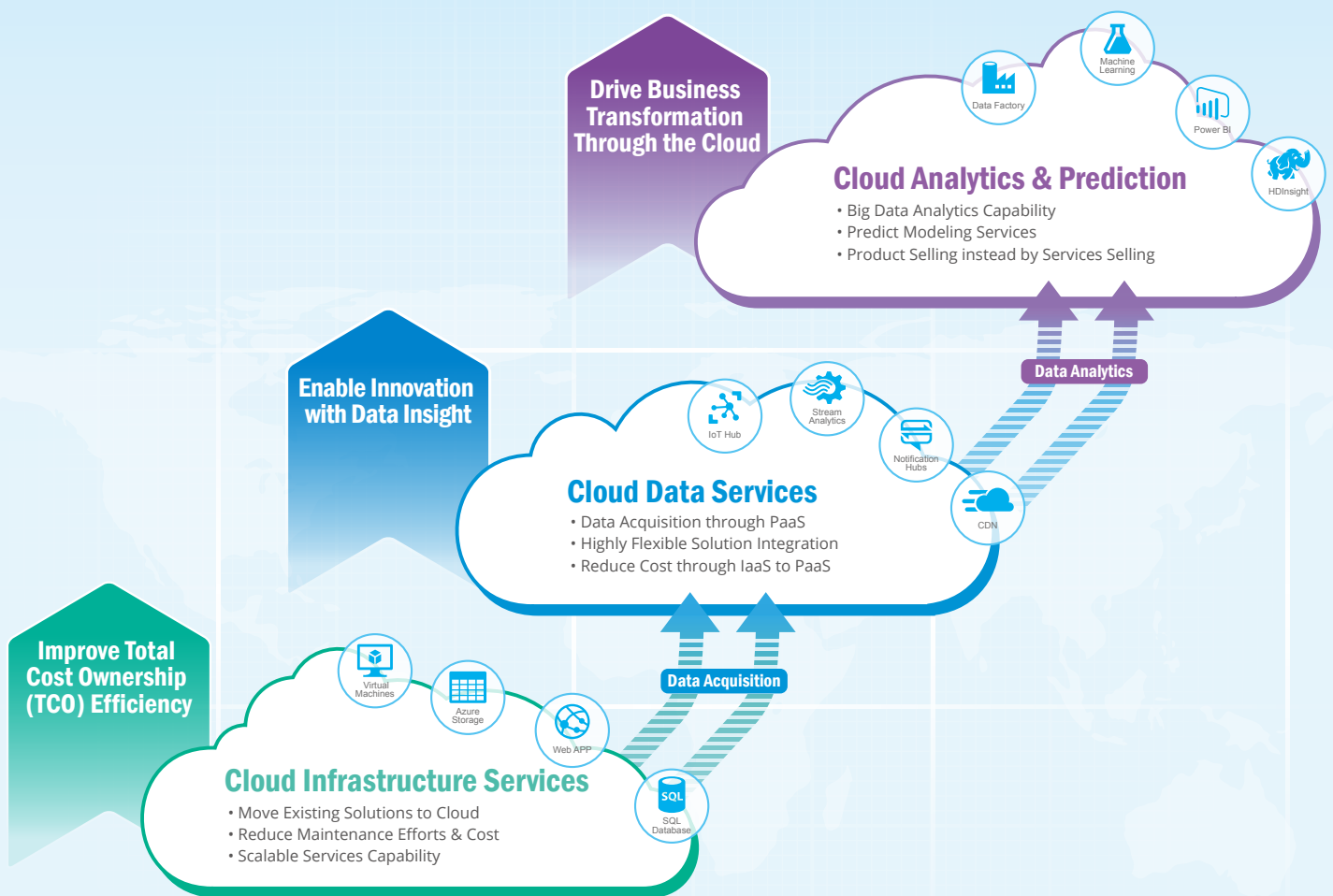


Advantech and Microsoft Help You Get a Grip on the IoT

Advantech is partnering with Microsoft® Azure as the IaaS and also PaaS solution provider through the Microsoft CSP (Cloud Solution Provider) Program. This is a significant milestone that extends the benefits of cloud-based IoT, delivering cloud solutions in Taiwan, Japan, Korea, Europe, APAC and more than 40 countries. In all countries which Advantech has been named Microsoft Azure CSP, Advantech customers can be provided with access to Microsoft Azure and pay only for those services they choose to use. Advantech is also inaugurating a series of customer services, including hands-on training, online webinars, and IoT forums to help customers start, upgrade, and maintain their IoT applications with ease and assured support.

Advantech Enable IoT Business Transformation

Microsoft Azure contains numerous services covering features from basic IaaS services to advanced PaaS services. Advantech helps define the best start-up in-cloud service to aid our customers in moving step by step toward IoT. These start-up services help customers focus on their optimized development. With other Azure services, such as Media Services, Cognitive Services, Azure Search, etc., they help to build diverse solutions for each vertical market.



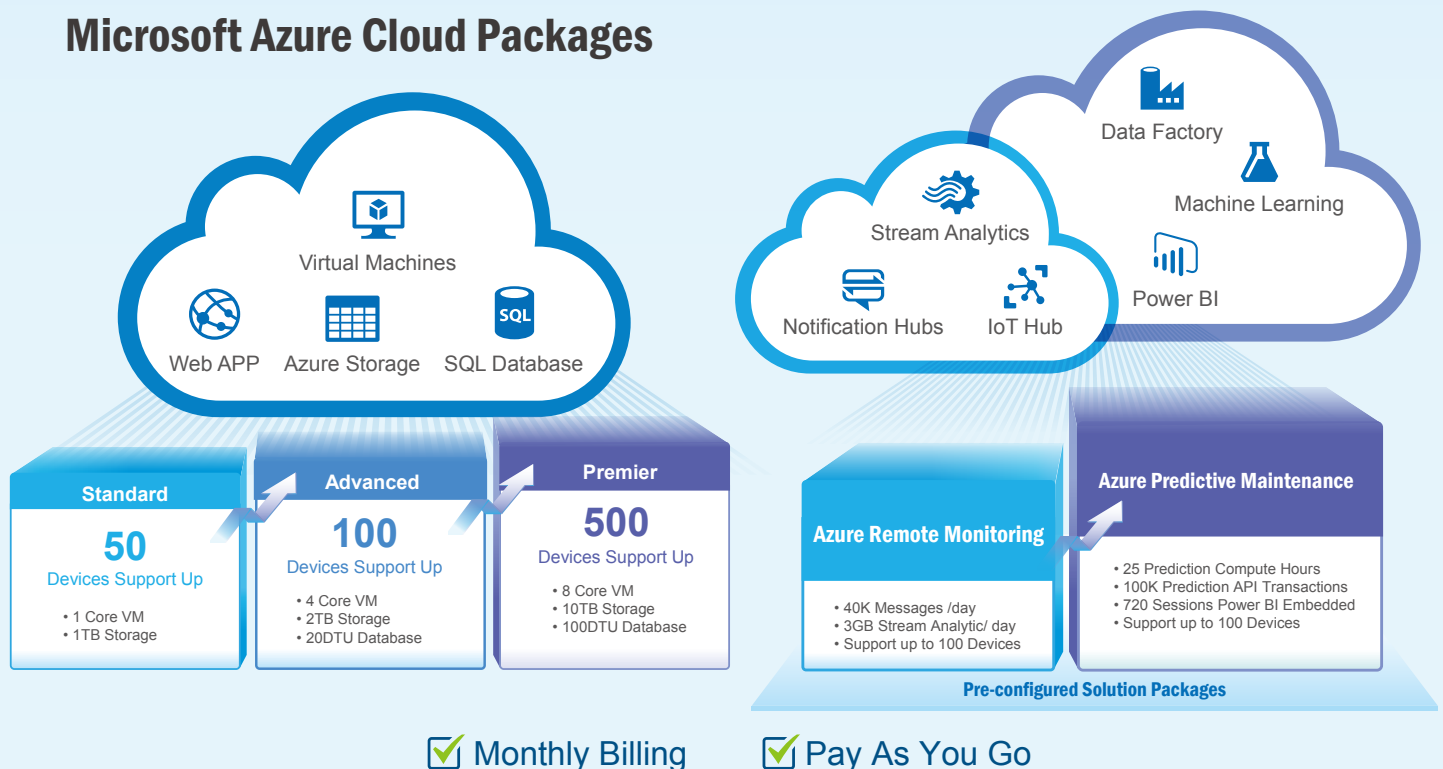
Microsoft Azure- A Ladder to the Cloud

For enterprises interested in exploring the opportunities and benefits of IoT, Advantech suggests a cloud roadmap that strategically integrates Azure IoT technology: the first stage is to move current server software to the cloud by applying Cloud Infrastructure Services including App Services, Virtual Machine, Azure Storage and SQL Database, so as to improve operation efficiency; the second stage is to start pushing real-time data from devices to the cloud by using Cloud Data Services including IoT Hub, Stream Analytics, Notification Hubs and CDN so as to enable business innovations with data acquisition; finally, with cloud infrastructure and data already in place, customers may choose to use Analysis & Prediction such as HDInsight, Data Factory, Machine Learning, or Power BI to extract intelligence from their cumulative big data so as to enable an IoT-driven business transformation.

Get Started with Microsoft Azure Solutions

Advantech includes Azure cloud services with two types of offerings, using its vertical experience to help customers easily link their industrial solutions with the cloud. Cloud Infrastructure and Services are offered at three different monthly rates so that customers do not have to pay for more service than they need. A customer can freely choose the package that fits their needs best. Alternatively, Pre-configured Solution Packages are set suites that customers can apply immediately without taking time for detailed configuration. Azure Remote Monitoring is the entry cloud package, while the Predictive Maintenance Package adds more cloud applications, including Prediction Computing, API Transactions, and Power BI Embedded. Pre-configured Solution Packages are ladders that help connect devices, analyze previously untapped data, integrate business systems, and transform business models and revenue streams.

Microsoft Azure Cloud Packages



Build Your Own IoT Applications on WISE-PaaS Marketplace

All the above Microsoft® Azure Services are available using WISE-Point digital currency, which applies in the WISE-PaaS Marketplace. Customers join the WISE-PaaS Alliance, an IoT partner program launched by Advantech that helps partners solve IoT application challenges, and can then access the WISE-PaaS Marketplace and choose software packages online with their WISE-Points. Advantech supports alliance members in achieving their business and application goals; we share our resources and knowledge to help alliance members leap the IoT gap.



Azure IoT Cloud Applications

Microsoft Azure provides building blocks for cloud-based IoT applications. Open source software is used freely on the Azure cloud platform to support diverse operation systems and programming languages. The opportunities for developers are basically limitless. Azure also offers analytics tools, data storage space and various application resources for users to tailor their applications with great scalability whether for Smart Factories, Smart Buildings, or Smart Healthcare and more.

Seamless Connectivity Manufacture



Microsoft Azure is elevating industry to a new horizon, where machines and equipment at a factory are linked to each other, sending data to the cloud for analysis that can be used to improve productivity, reduce maintenance costs, and optimize factory operations. On-site workers or technicians use mobile touch panels (pads) to access information and communicate with machines, back-end systems, and data in the cloud. A smart factory is a virtual combination of data acquisition, transmission, Human Machine Interfaces and Cloud Services.

Enabling Smart Retail Business

With Microsoft Azure, retailers now are able to connect up all the devices and people involved in their business, realize machine-to-machine and machine-to-people communications so that they can better understand their equipment and their consumers, implement more efficient management, and upgrade consumer services. By utilizing digital signage, kiosks, or mobile device apps, marketing campaigns or sales information can reach targeted consumers in more interactive and effective methods that are shaping a new generation of retail business.



Intelligent Interactive Healthcare



Azure streamlines communication between clinicians, patients, and hospital administrators with secure, centralized, real-time access to diagnostic scans and reports. Using the trusted and certified Microsoft Azure platform—which includes a variety of technical safeguards as well as extensive support—enables smart healthcare to meet the needs of its customers. It provides security and privacy-related contractual commitments as part of the HIPAA BAA so that healthcare organizations of all sizes can meet their compliance requirements while benefitting from cloud-based solutions.

Advantech Azure Business Engagement Flow



Regional Service & Customization Centers

China | Kunshan
86-512-5777-5666

Taiwan | Taipei
886-2-2792-7818

Netherlands | Eindhoven
31-40-267-7000

Poland | Warsaw
00800-2426-8080

USA | Milpitas, CA
1-408-519-3898

Worldwide Offices

Greater China

China

| | |
|-----------|------------------|
| Toll Free | 800-810-0345 |
| Beijing | 86-10-6298-4346 |
| Shanghai | 86-21-3632-1616 |
| Shenzhen | 86-755-8212-4222 |
| Chengdu | 86-28-8545-0198 |
| Hong Kong | 852-2720-5118 |

Taiwan

| | |
|-----------|-----------------|
| Toll Free | 0800-777-111 |
| Neihu | 886-2-2792-7818 |
| Xindian | 886-2-2218-4567 |
| Taichung | 886-4-2329-0371 |
| Kaohsiung | 886-7-229-3600 |

Middle East and Africa

Israel 072-2410527

Asia

Japan

| | |
|-----------|----------------|
| Toll Free | 0800-500-1055 |
| Tokyo | 81-3-6802-1021 |
| Osaka | 81-6-6267-1887 |
| Nagoya | 81-52-856-9657 |

Korea

| | |
|-----------|----------------|
| Toll Free | 080-363-9494 |
| Seoul | 82-2-3663-9494 |

Singapore

| | |
|-----------|--------------|
| Singapore | 65-6442-1000 |
|-----------|--------------|

Malaysia

| | |
|--------------|----------------|
| Kuala Lumpur | 60-3-7725-4188 |
| Penang | 60-4-537-9188 |

Thailand

| | |
|---------|---------------|
| Bangkok | 66-2-248-3140 |
|---------|---------------|

India

| | |
|-----------|-----------------|
| Bangalore | 91-80-2545-0206 |
| Pune | 91-20-3948-2075 |

Indonesia

| | |
|---------|----------------|
| Jakarta | 62-21-751-1939 |
|---------|----------------|

Australia

| | |
|-----------|----------------|
| Toll Free | 1300-308-531 |
| Melbourne | 61-3-9797-0100 |

Europe

Germany

| | |
|------------|--------------------|
| Toll Free | 00800-2426-8080/81 |
| Munich | 49-89-12599-0 |
| Düsseldorf | 49-2103-97-855-0 |

France

| | |
|-------|----------------|
| Paris | 33-1-4119-4666 |
|-------|----------------|

Italy

| | |
|--------|----------------|
| Milano | 39-02-9544-961 |
|--------|----------------|

Benelux & Nordics

| | |
|-------|----------------|
| Breda | 31-76-523-3100 |
|-------|----------------|

UK

| | |
|-----------|-------------------|
| Newcastle | 44-0-191-262-4844 |
| London | 44-0-870-493-1433 |

Poland

| | |
|--------|-----------------|
| Warsaw | 48-22-31-51-100 |
|--------|-----------------|

Russia

| | |
|----------------|-----------------|
| Moscow | 8-800-555-01-50 |
| St. Petersburg | 8-800-555-81-20 |

Czech Republic

| | |
|-----------------|-----------------|
| Ústí nad Orlicí | 420-465-521-020 |
|-----------------|-----------------|

Ireland

| | |
|----------|---------------|
| Oranmore | 353-91-792444 |
|----------|---------------|

Americas

North America

| | |
|------------|----------------|
| Toll Free | 1-888-576-9668 |
| Cincinnati | 1-513-742-8895 |
| Milpitas | 1-408-519-3898 |
| Irvine | 1-949-420-2500 |
| Ottawa | 1-815-434-8731 |

Brazil

| | |
|-----------|-----------------|
| Toll Free | 0800-770-5355 |
| São Paulo | 55-11-5592-5355 |

Mexico

| | |
|-------------|-----------------|
| Toll Free | 1-800-467-2415 |
| Mexico City | 52-55-6275-2727 |

Sign Up for
Advantech Azure Program



ADVANTECH

Enabling an Intelligent Planet

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. 2016

860000293