

Azure Intelligent Edge Brief

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Agenda

- Azure Intelligent Edge Overview and News
- · Today's Focus Area: Azure Stack: BCDR Options and Guidance
- · Q&A

But First - What is the AIEB?

30-minute briefing open to everyone to discuss a specific area within our 'Intelligent Edge' offerings

Not a forum to share NDA information

Using 'regular' Teams for now for easier collaboration (Q&A, discussion, etc.)

Calls will be recorded and posted here: https://aka.ms/aieb-channel

Some quick news...

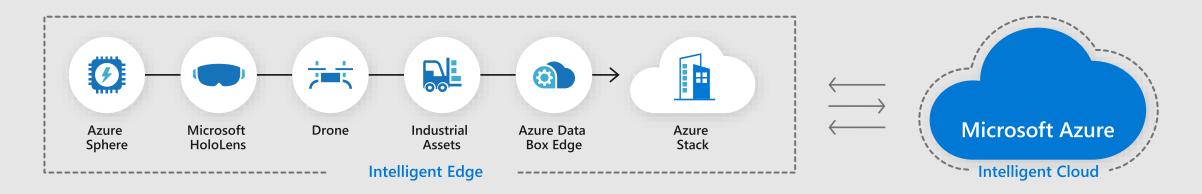
- · Azure Data Box Edge in your pocket? Yep!
 - http://aka.ms/dbe-backpack



· Schlumberger using Azure Stack to deliver services to countries with strict data sovereignty rules and/or physics issues going to an Azure public region: https://www.slb.com/newsroom/press-release/2019/pr-2019-0916-slb-sis-microsoft

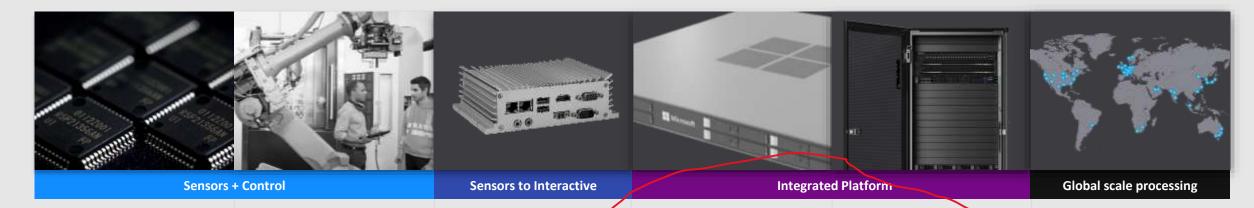
Schlumberger has deployed its DrillPlan* coherent well construction planning solution on Azure Stack infrastructure to complement its initial Azure deployment. Schlumberger and Microsoft will now be able to deliver in-country solutions for locations subject to data residency regulations or remote operational challenges, unlocking new business opportunities in the global market.

Microsoft Azure approach



Azure IoT Edge	Azure Services
← Azure Serverless →	
← Azure Security Center → → → → → → → → → → → → → → → → → → →	
← Azure Active Directory → → → → → → → → → → → → → → → → → → →	
← Azure Management → → → → → → → → → → → → → → → → → → →	
Azure Al & Ma	chine Learning

Azure Intelligent Edge + Cloud Taxonomy



Microcontroller

Azure Sphere

- Highly-secured, connected MCU
- Azure Sphere Linux OS for modern MCUs
- Public Preview as of September 2018
- Included Azure IoT Device SDK

IoT Devices

Azure IoT Device SDK

- 1000+ devices
- 250+ partners
- All certified to work great with Azure IoT Hub

Edge Devices

Azure IoT Edge

- Deploy and manage Azure Services in containers on any IoT device
- Al, AzureML, Azure Stream Analytics and more
- Generally available

Edge Appliances

Azure Data Box Edge

- Data Box Edge: AI-Enabled, Storage and compute Azure Edge appliance
- Data Box: Offline, ruggedized data transport, 100 TB – 1 PB
- Includes Azure IoT Edge

Edge Cloud

Azure Stack

- Cloud Consistent Edge
- Edge and Disconnected Scenarios
- Regulatory Requirements
- Cloud app model onpremises

Hyperscale Cloud

Azure Regions

- Full Range Hyperscale
 Cloud Services
- Tiered Service availability: Heroes > Hubs > Satellites
- Open Source Based Services & Tools

Most specialization

Full Spectrum of Cloud + Edge Form Factors

Fewest form factors

Fewest services

Intentional & Appropriate Azure Service Availability

Most services

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Azure Stack: BCDR Options and Guidance

Karl Rautenstrauch



Next AIEB Call will be 10/25 @ 11AM US
Central Standard Time
(Potential Topic = Fleet Management of
Azure Stacks)
https://aka.ms/aieb-topics