

## Edge Orchestration for Azure IoT

Scale Azure IoT projects with full visibility, control, and security

*There's a lot more to implementing an Azure IoT project than just deploying the Azure IoT runtime on a device and ingesting data into Azure. It takes dozens of steps to install and configure the hardware and software. And having to do this for each device takes hours of IT time and can stall IoT projects indefinitely.*

Cut time and resource requirements by 90%. Deploy Azure IoT projects faster and at scale.

**Microsoft + ZEDEDA: Better Together**

### Do-It-Yourself (Per site, per device)

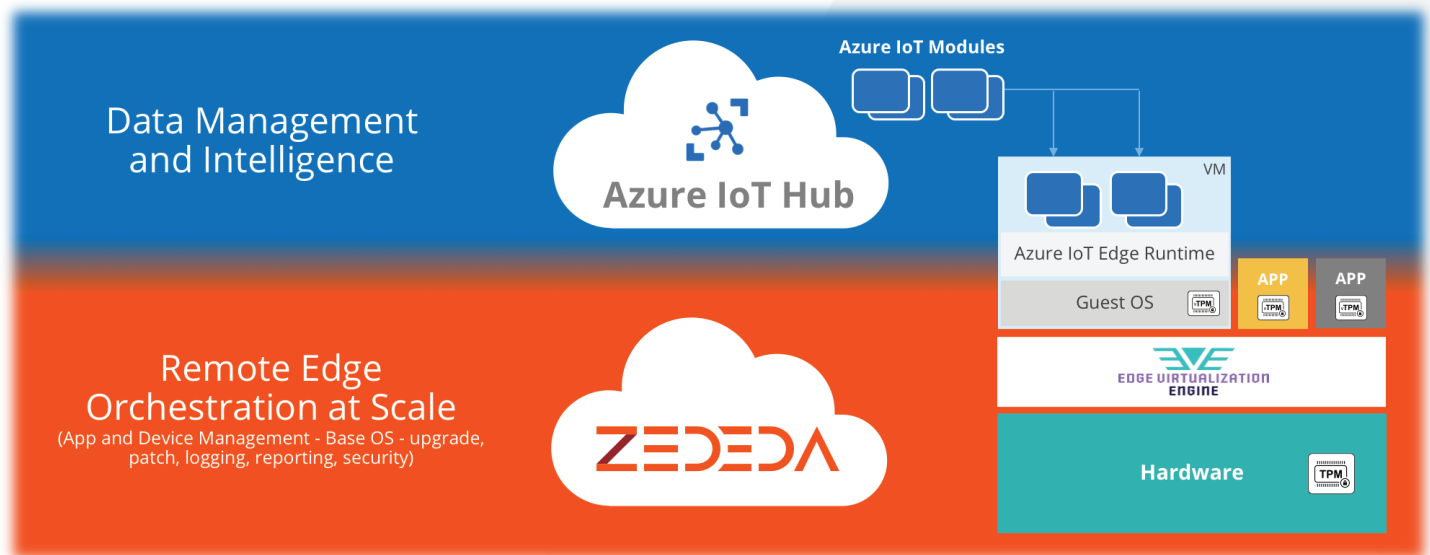
- Install the operating system
- Configure the network: Assign the IP address and hostname; set the hostname, domain and DNS server information
- Configure the firewall and proxy: Open needed ports and deny everything else
- Configure users: Change the root password and set up user accounts
- Manage packages: Delete what isn't needed and download those that are
- Configure NTP: Set the server time to prevent clock drift
- Configure logging: Collect only what is necessary
- Apply updates: Ensure kernel and all packages are at the most recent release
- Create an Azure IoT Edge Device within the Azure IoT Hub
- Register the Microsoft key and software repository feed
- Install the container runtime
- Install the Azure IoT Edge security daemon
- Set up the manual and/or automatic provisioning as required
- Connect the physical device to the Azure IoT Edge
- Deploy Azure IoT Edge modules to the Azure IoT Edge device
- Manually apply ongoing operating system and application updates, firewall changes, etc.

### With ZEDEDA

- Zero-touch provisioning: Dropship and provision devices automatically with the operating system and updates downloaded from the cloud
- Single-click deployment of the Azure IoT Edge runtime, including DPS integration
- Continuous operations: All OS and application updates, firewall changes, etc. pushed to device
- **Done!**

*"ZEDEDA helps us get the data from our edge operations to our data engineers so we can be more effective in analyzing and managing performance of our wind turbines."*

- Mark Senkevicius  
Director, IT Infrastructure  
and Operations, Invenergy



## Deploy and Manage Azure IoT Edge at Scale with **ZEDEDA**

ZEDEDA makes it possible to quickly deploy Microsoft Azure IoT Edge across thousands of devices, enabling the easy collection and ingestion of sensor data into the Azure IoT platform for analysis, and also ensures that the devices running Azure IoT Edge are manageable, protected, and scalable. ZEDEDA provides:



- **Zero-Touch Provisioning:** Simply connect power and network - device installation requires no IT expertise at remote locations
- **One-click Azure IoT Edge Enablement:** Customizable, one-click Azure IoT Edge runtime deployment with Azure DPS integration
- **Azure IoT Hub Connectivity:** Collect data from any sensor and transmit to Azure IoT for analytics, machine learning, etc.
- **100% Visibility and Control:** Deploy, monitor, and manage all devices from any web browser
- **Freedom: Any Hardware, Any Application, Any Cloud:** Flexibility to use the tools that the job requires in any environment
- **Superior Security Designed for the Edge:** Zero-trust model provides security capabilities at remote operating locations equivalent to a corporate data-center
- **Cloud-Native Agility:** All the benefits of the cloud, deployed at the edge. Open standards and Software-as-a-Service (SaaS) delivery make it flexible and simple