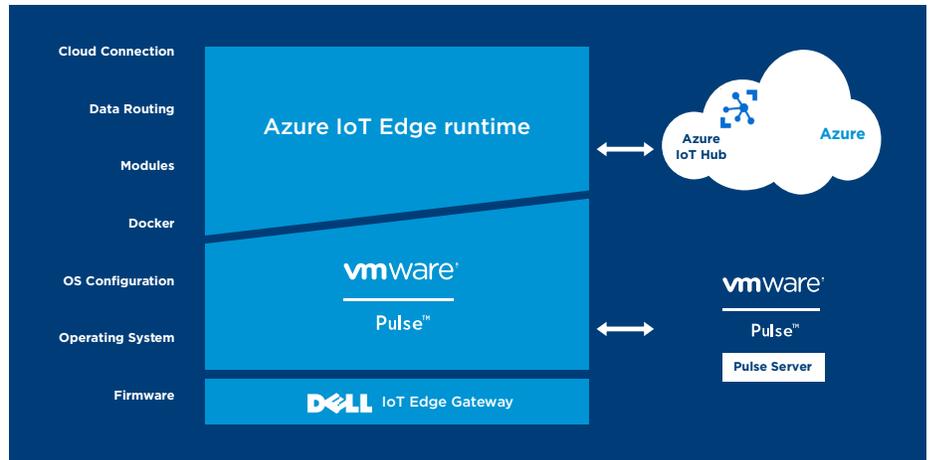


SIMPLIFY AND ACCELERATE IOT DEPLOYMENTS FROM THE EDGE TO THE CLOUD

Simple, Secure IoT

KEY BENEFITS

- End-to-end IoT Solution
- IT Approved
- Lower cost of IoT ownership
- Combined and pre-integrated Hardware and Software
- Simplify Deployment
- Update firmware, software and security updates
- Security and compliance
- One stop solution for management and analytics
- Shorten Time to Value of IoT
- Complete Cloud to Edge solution



Organizations today understand the strategic importance of IoT and look forward to leveraging it throughout their businesses whether it is to optimize their operations, enabling new business models or driving future product and design. Within this landscape, the intelligent cloud and the intelligent edge are shaping the next phase of tech innovation and in order to deliver on this promise of powerful and ubiquitous computing from the edge to the cloud, **companies need to make sure that the underlying IoT infrastructure is robust, secure and scalable.**

Most enterprises spend a lot of time, money and resources in trying to stand up an IoT solution and most of that effort revolves around selecting the right hardware and software and cloud modules from a deeply diverse and fragmented ecosystem of products. This becomes even more complex when businesses want to meet business needs with advanced services such as artificial intelligence (AI) and real-time decision making while also making sure that they meet the required standards put forth by their IT departments for deployment, asset management, security and compliance.

MICROSOFT AZURE IOT EDGE

Azure IoT Edge, is a fully managed service that delivers cloud intelligence. Azure IoT Edge moves cloud analytics and custom business logic to devices so that your organization can focus on business insights instead of data management.

<https://azure.microsoft.com/en-us/services/iot-edge/>

ABOUT VMWARE PULSE

VMware Pulse IoT Center is a secure, enterprise grade, IoT device management and monitoring solution that helps both Information Technology (IT) and Operational Technology (OT) organizations to onboard, manage, monitor and secure their IoT use cases from the edge to the cloud.

<https://www.vmware.com/products/pulse.html>

ABOUT DELL GATEWAYS

The Dell Edge Gateway & Embedded PCs are highly effective industrial IoT devices, designed to provide powerful IoT solutions even in extreme conditions.

<http://www.dell.com/us/business/p/edge-gateway>

LEARN MORE

Blog: <https://blogs.vmware.com/pulseiot/>

Twitter: @vmwareiot

LinkedIn: @vmware-iot

Dell EMC, VMware and Microsoft

With this joint solution offering, Dell edge gateways can be “pre-provisioned” with Pulse and Azure IoT Edge to simplify deployment and change management. On an ongoing basis, Pulse IoT Center will manage and monitor everything from the OS down and IoT Edge will manage everything upwards from the modules as shown below:

Dell's purpose-built Edge Gateways are intelligent devices for the Internet of Things (IOT). Ruggedized, with a variety of input output connections, they aggregate data and support analytics at the edge of the network.

VMware Pulse IoT Center allows you to monitor and manage the hardware (both Dell and non Dell), and connectivity that run the Azure IoT Edge workload. Pulse manages and delivers firmware and operating system updates for gateways as well as Operating system configurations, including security and firewall. Additionally, Pulse IoT Center can deploy Azure IoT Edge runtime and associated modules and monitor them on an ongoing basis. Customers can also choose to deploy the Pulse Server in Azure, leveraging one cloud vendor for all their IoT needs.

Microsoft Azure IoT Edge combined with Azure IoT Hub allow you to manage, update and connect the edge components, called modules to Azure, and deploy updates and configuration changes according to your needs (per user, groups, time etc.). Also, IoT Edge runtime will ensure that the modules are running as expected, taking the right actions and communicating to the cloud.

Dell Technologies and Microsoft will make IoT easier for customers by collaborating to offer a secure solution that provides consistent infrastructure management from the edge to the cloud. Together, the combined hardware and software solution provides a robust, secure IoT infrastructure with the requisite management and analytics to power all your edge computing use cases.