

The Internet of things will be used everywhere

HOME

Lighting Irrigation

Water recycling

Security

Pet feeding

Smoke/CO monitoring

Infotainment

Cooking

Shopping

Energy optimization

Sleep optimization

BUILDINGS

Heating and air conditioning

Security

Lighting Electrical

Parking control

Emergency alerts

Structural integrity

Meeting room management

Hot desks

Huddle spaces

Digital visitor management

CITIES

Digital signage

Waste management Sewage and water

Surveillance

Emergencies

Public space design

Parking

Air pollution

Crime mapping

Pothole find and fix

MANUFACTURING

Inventory tracking

Supply chain tracking Precision plant leasing

Collaborative design

Improved safety

Resource optimization

Pollution management

Predictive maintenance

3d-printed space parts

Enhanced monitoring

Physical security

TRANSPORT

Traffic routing

Air pollution

"Green priority"

Safety

Self-driving cars

Self-driving buses

Precision insurance

Precision leasing

Parking

Condition-based maintenance

HEALTH

Elderly monitoring at home

Equipment monitoring Hospital cleaning

Bio wearables

Food sensors

Geo-fencing of equipment

Directions within hospitals

Assisted diagnostics

Uber for doctors

Hospital workflow design

RETAIL

Smart shopping lists

Counterfeit reduction

Inventory theft

Add-on suggestions

Targeted promotions

Optimal store design

Autonomous checkout

Digital signage

Store shelf sensors

FARMING

Precision fertilizer

Precision irrigation

Animal tracking and proof

Security - anti-poaching

Robotic picking

Vertical city farming

Self-driving machinery

Predictive maintenance

Drone herding

Fish farming

Artificial insemination



IoT 1.0 versus IoT 2.0

IoT 1.0: Identifying Things

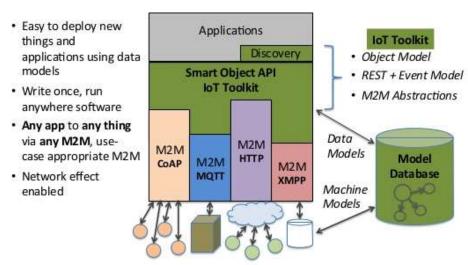


Dominique Guinard, ETH Zurich,

webafthings.com

VS.

IoT 2.0 – Interoperability

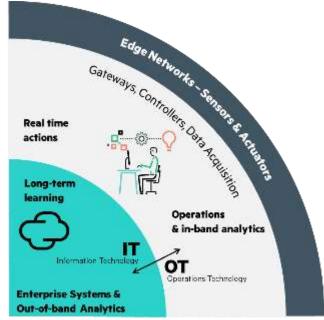


Connected Things, Sensors, Actuators, Data Sources

Horizontal Integration

IoT requires lots of System Integration









Integrating devices

Integrating Data

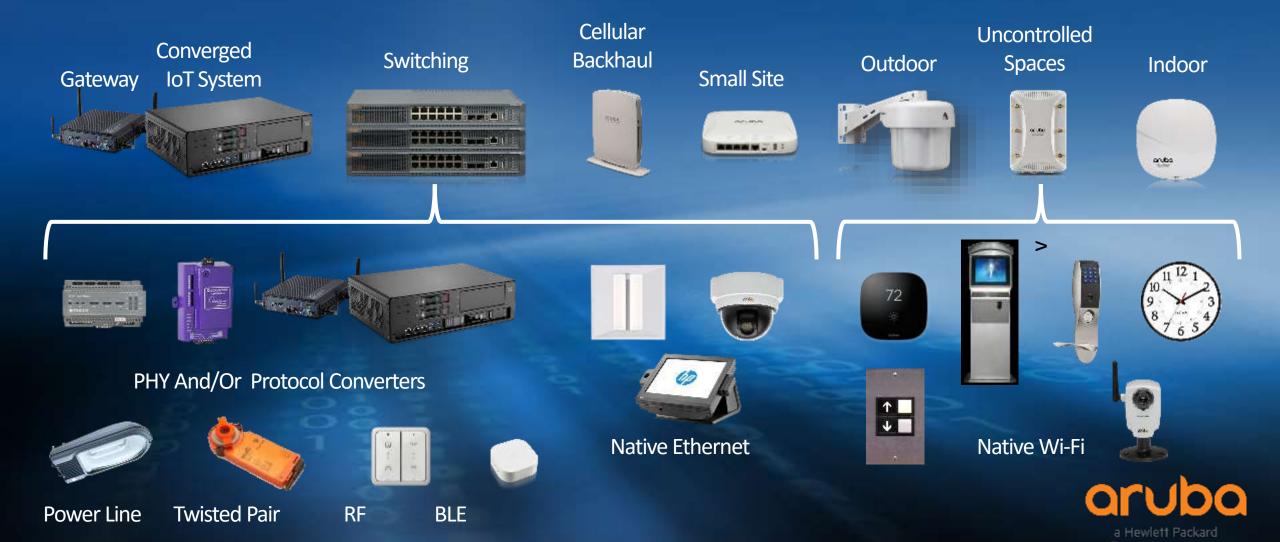
Integrating Connectivity

Security & Hybrid

Solution Architecture



The Many Faces Of IoT

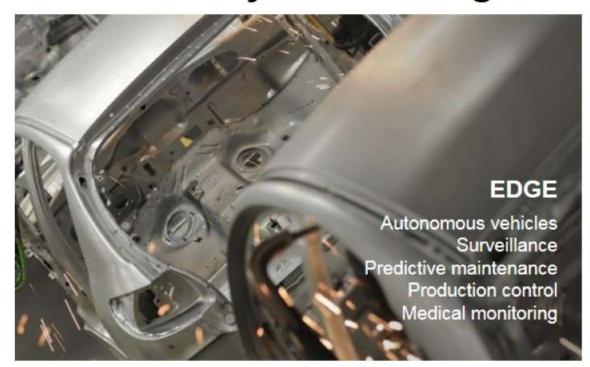


Pulling It All Together To Create A Trusted IoT





When to analyze at the edge and when in the core





EDGE use for high data rate or instant action

.UKE use for low data rate, non-instant action



stored, processed, analyzed, and acted upon close to, or at the edge of, the network

At the orlan

it the core

t the orles

t the care



Command the Intelligent Edge – with HPE Edgeline Systems

There are many forms of the Intelligent Edge that customers building out

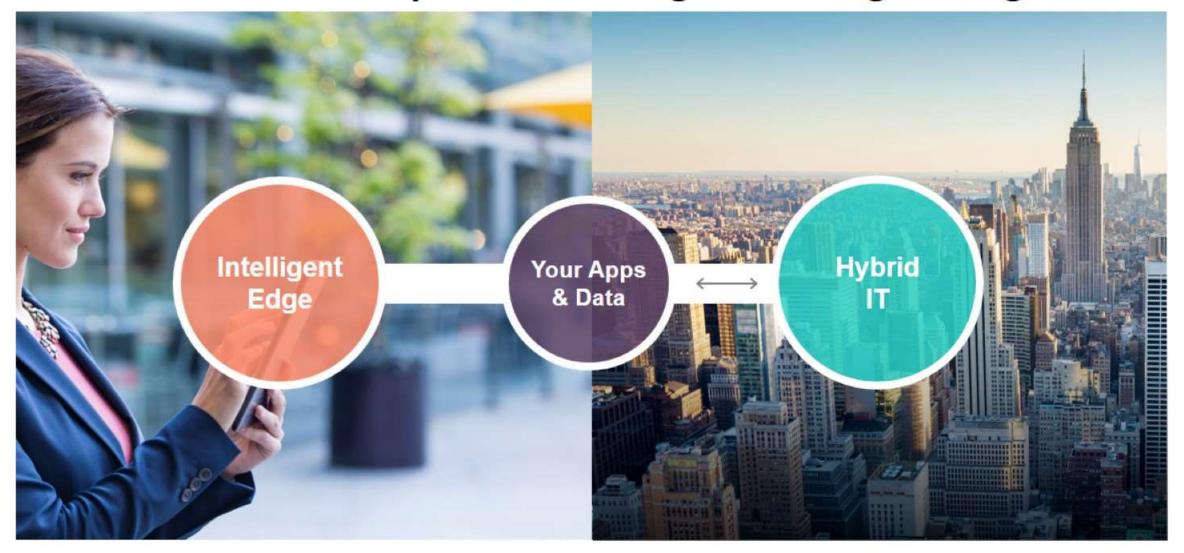




Gateways, Converged IoT, & Analytics

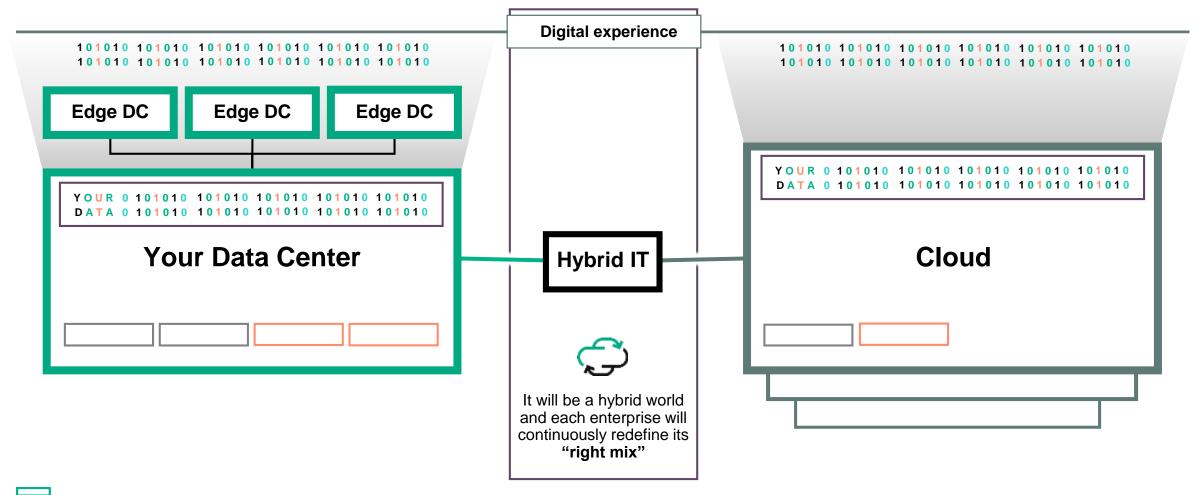


Hewlett Packard Enterprise: Powering the Intelligent Edge



Hybrid IT: Accelerating time to value

Continuously redefining the IT supply chain to optimize the digital experience



HPE Universal IoT Platform

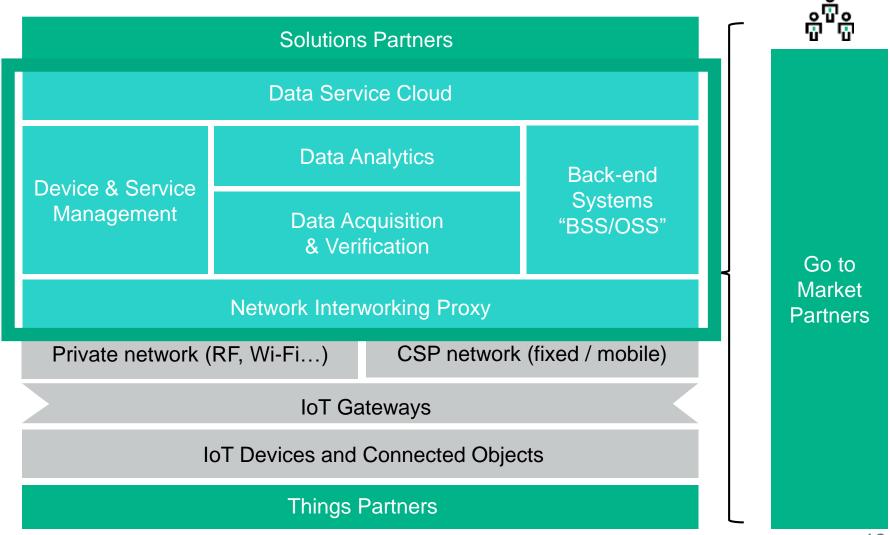
A horizontal platform for enabling multi-industry vertical IoT applications

Powerful



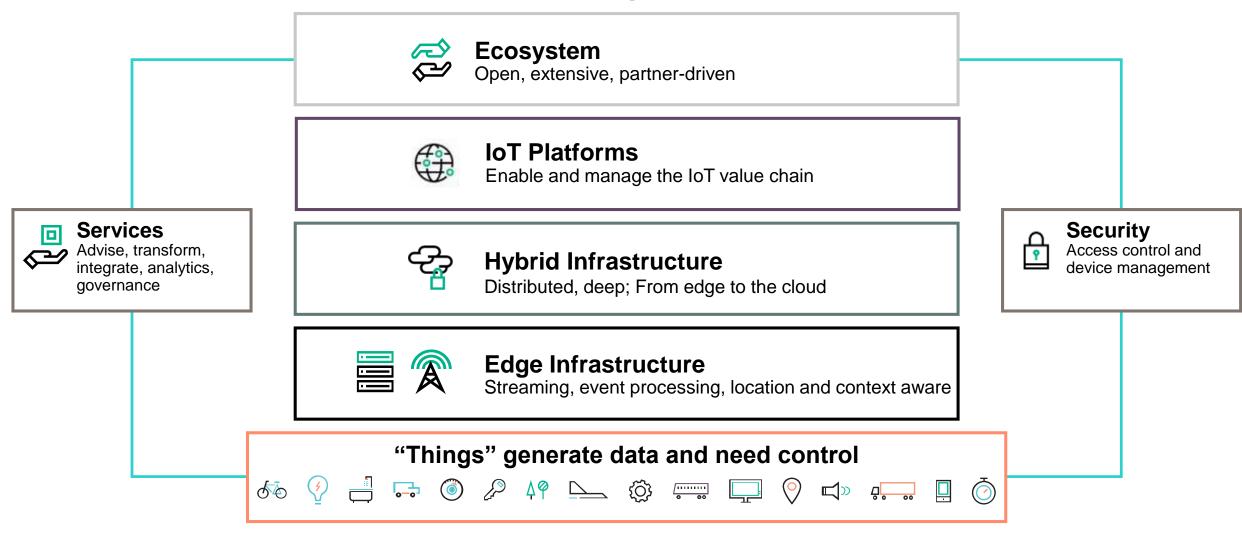
Open

Scalable





HPE can implement IoT from Edge thru Network to Datacenter





Thank you **Hewlett Packard** Enterprise