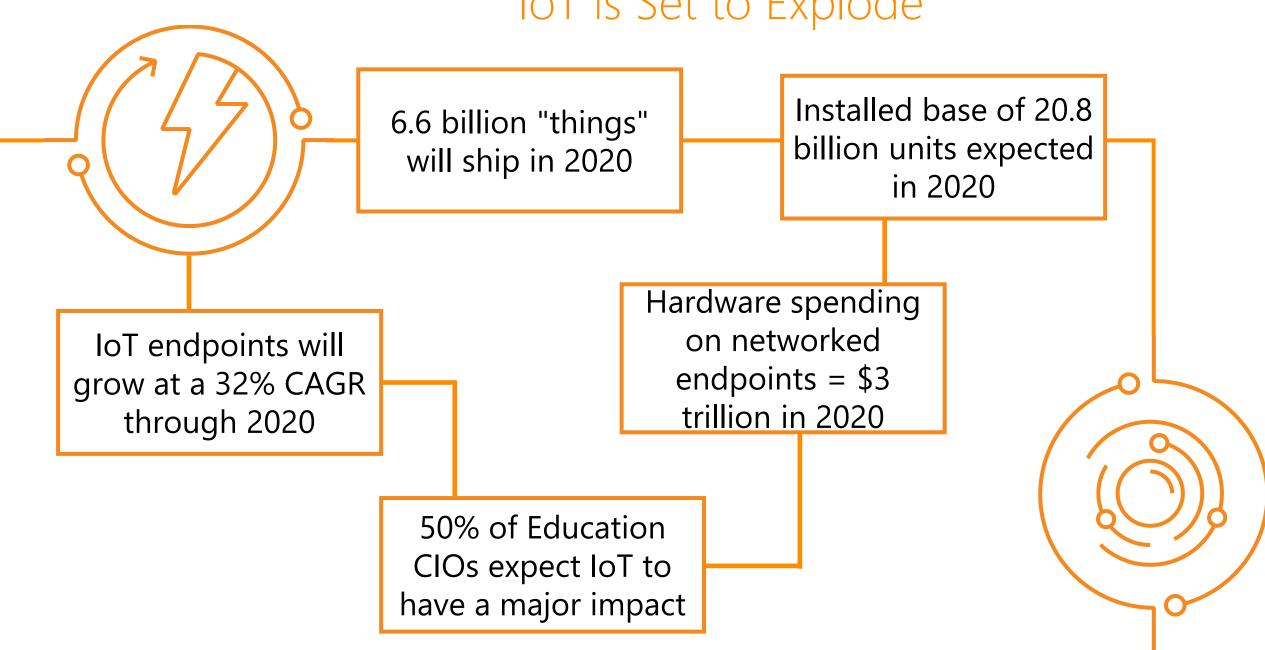


IoT is Set to Explode



And Education Can Benefit



The Funding Challenge

- Budget cuts
- Performance requirements tie to appropriations
- Rising education costs tuition and reliance on raised funds



Legacy Systems

- Fragmented systems create silos
- Expensive and difficult to use
- Lack mobile and social



Skills Gap

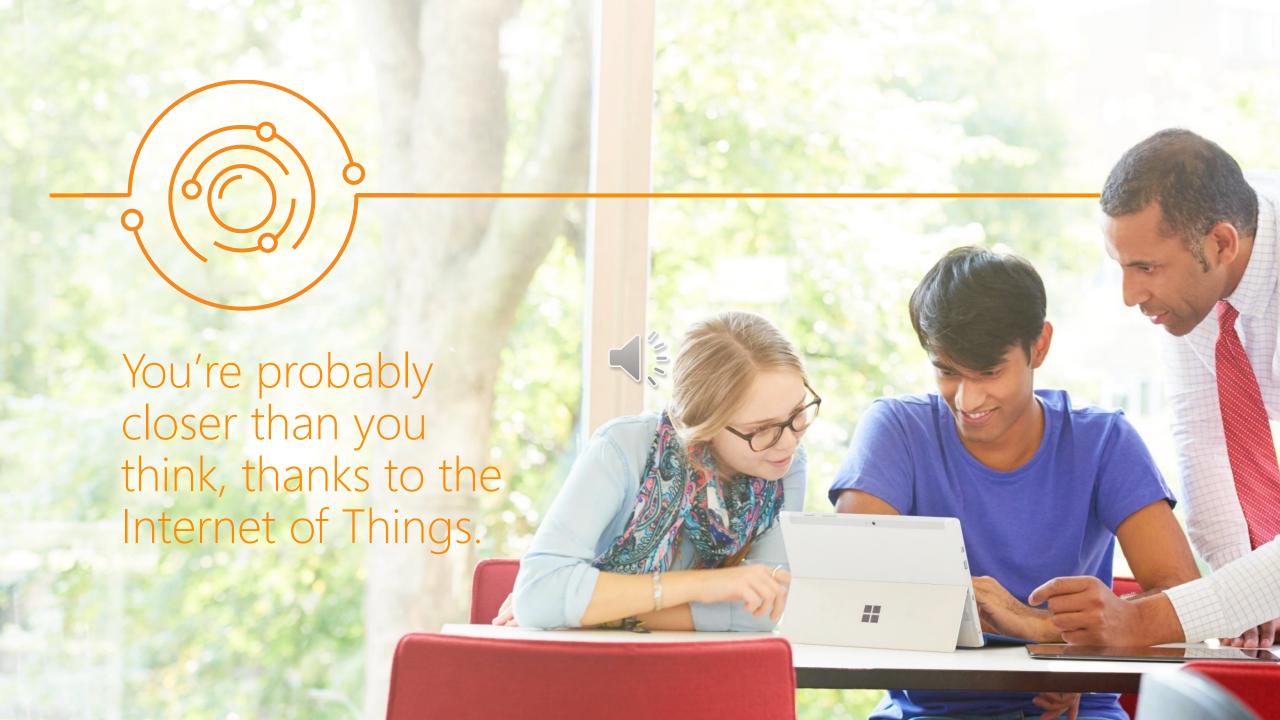
- Data Analytics skills in high demand
- Students need hands-on training
- Real-world problem solving provides motivation



Greater Competition

- Changing delivery mechanisms of courses
- Universities competing for smaller pool of grads
- Shifting demographics







CONNECTED CAMPUS & SCHOOLS EXPERIENCES (CITYNEXT)



The Internet of Things isn't a technology revolution...

...loT is a **business revolution**, enabled by technology

Waves of innovation have enabled the rise of IoT

Cloud

Globally available, unlimited compute resources

IoT

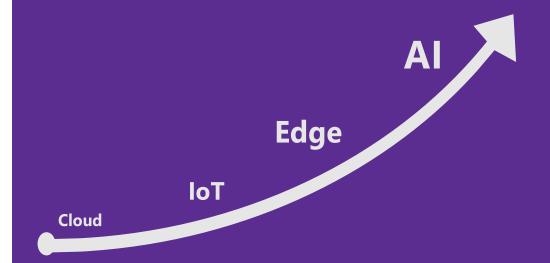
Harnessing signals from sensors and devices, managed centrally by the cloud

Edge

Intelligence offloaded from the cloud to IoT devices

Al

Breakthrough intelligence capabilities, in the cloud and on the edge



But IoT projects can still be complex



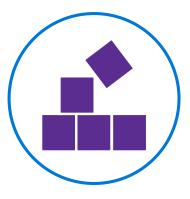
Difficult to maintain cohesive **security**



Time-consuming to get started



Incompatible with existing infrastructure



Challenging to scale over time

Microsoft is simplifying IoT

Microsoft is simplifying IoT, so everyone can benefit

Easier to:



Build secure, scalable solutions from device to cloud



Provision devices at scale



Manage devices at scale



Find insights from your IoT devices



Infuse devices with intelligence



Benefit from IoT



Internet of Things



Connectivity

To the Internet, To each other, To humans



Things

Business assets, Industry devices, Sensors

The Internet of Things consists of four basic elements:

Data

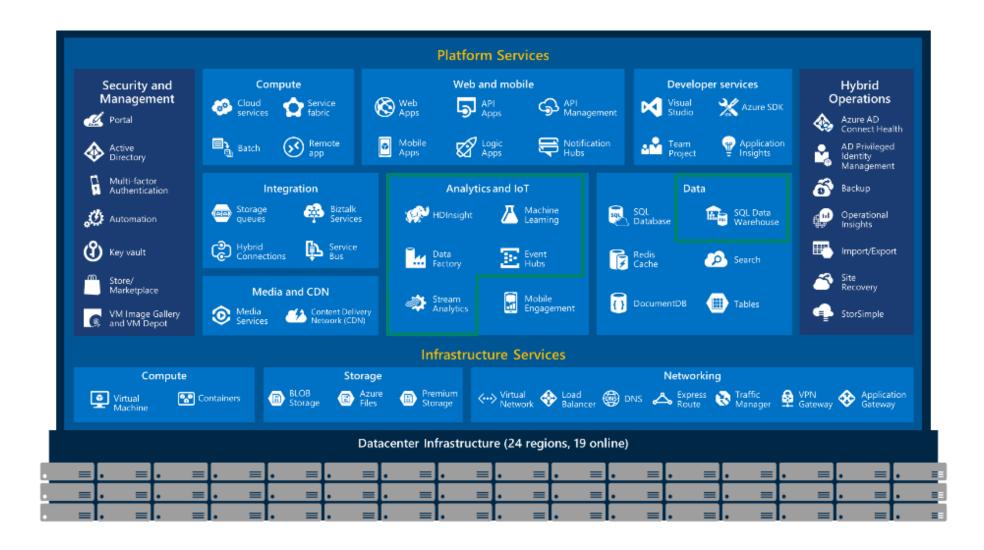
From the environment and by user input



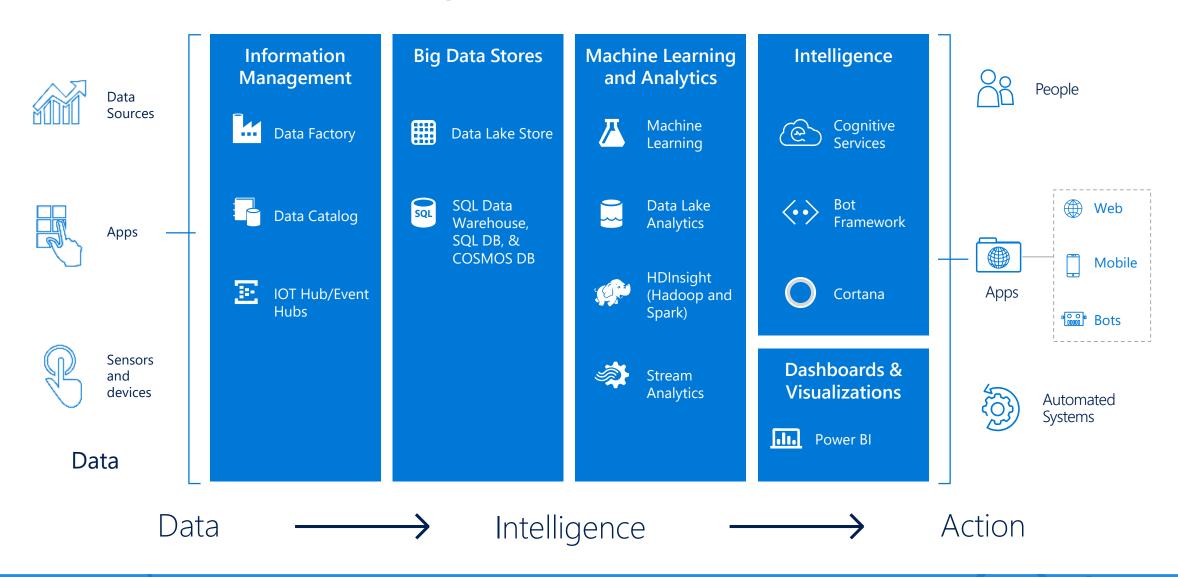
Analytics

Enable you to take action

Cortana Intelligence combines the services you already know

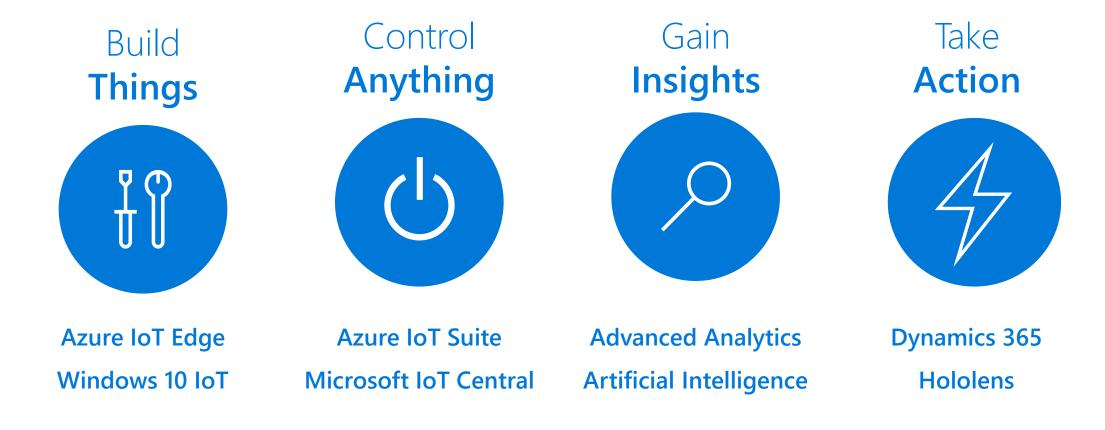


Transform data into intelligent action



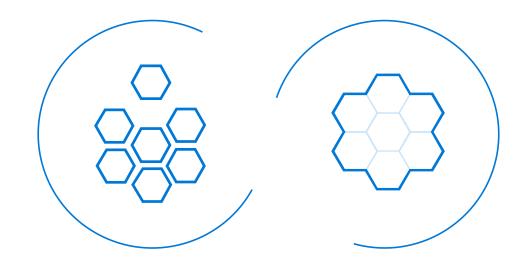


Our IoT portfolio spans device to the cloud



We offer choice and flexibility to support the needs of all customers

Build the right solution to meet your needs



Azure IoT Suite

Preconfigured solutions on a **customizable PaaS** to accelerate common scenarios

For when you need a lot of control over your IoT solution

Microsoft IoT Central

A **fully managed SaaS** solution for IoT

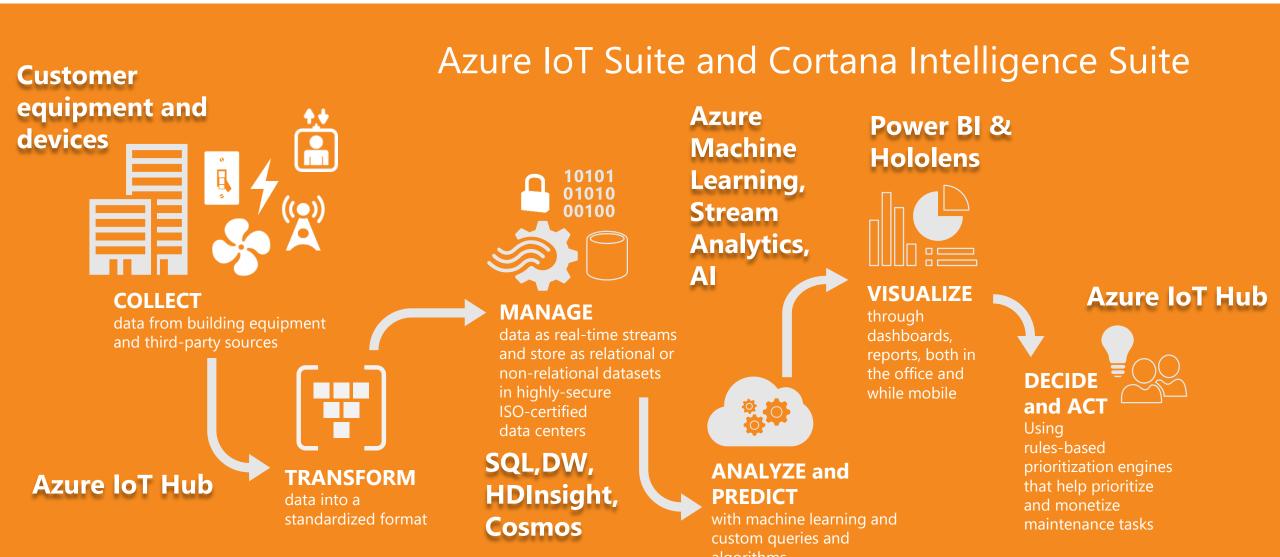
For when you need to get started quickly with minimal IoT experience



Local processing for IoT devices

Securely distribute cloud intelligence to IoT devices quickly and at scale by using a single edge runtime

Microsoft Has a Comprehensive IoT and Analytics Offering



Partner with Microsoft for significant advantages



Industry-leading security



Open platform



Comprehensive portfolio



Extensive partner ecosystem



Large-scale SaaS experience

From endpoint and connection through to data and the cloud

Any device, OS, data source, software, or service

Only mega-scale cloud vendor to offer SaaS and PaaS for loT, and a commitment to continual innovation

Industry leaders ready to collaborate with your business Prepared to deliver powerful, user-friendly solutions