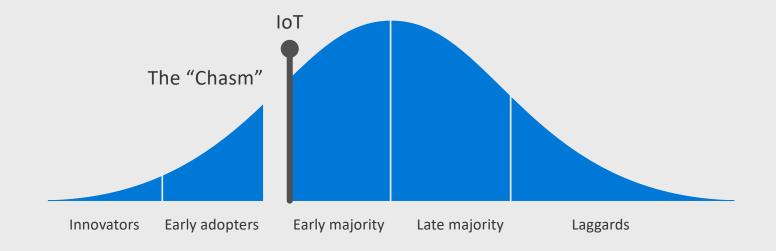


The Revolution Is Now





80 Billion

Connected "things" by 2025 - *IDC*



180 Zettabytes

Digital data by 2025 - IDC



\$457 Billion

Global IoT market by 2020 - Gartner

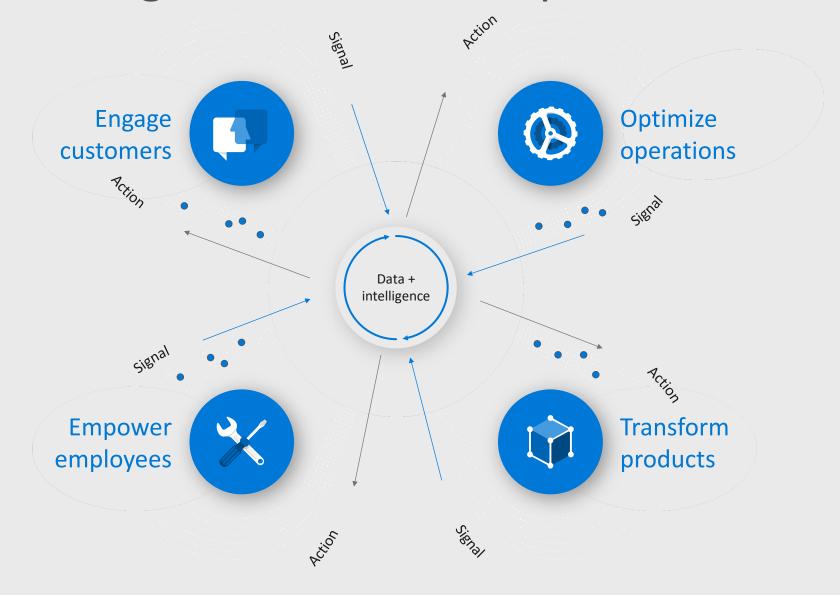




Innovation at Work: Real IoT Use Cases



IoT Enables a Digital Feedback Loop







Microsoft is simplifying IoT





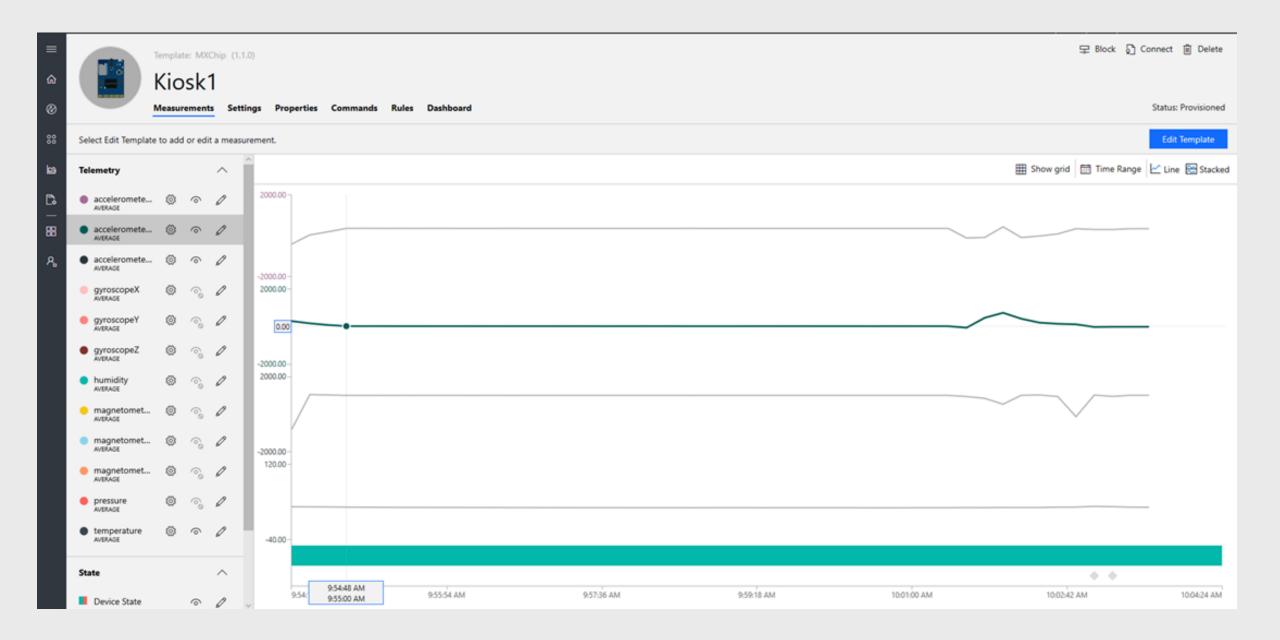
Microsoft is simplifying IoT

- Easier to build secure, scalable solutions from device to cloud
- Easier to provision devices at scale
- Easier to secure devices at scale
- Easier to manage devices at scale
- Easier to find insights from your IoT devices
- Easier to run cloud services on devices
- Easier to benefit from IoT



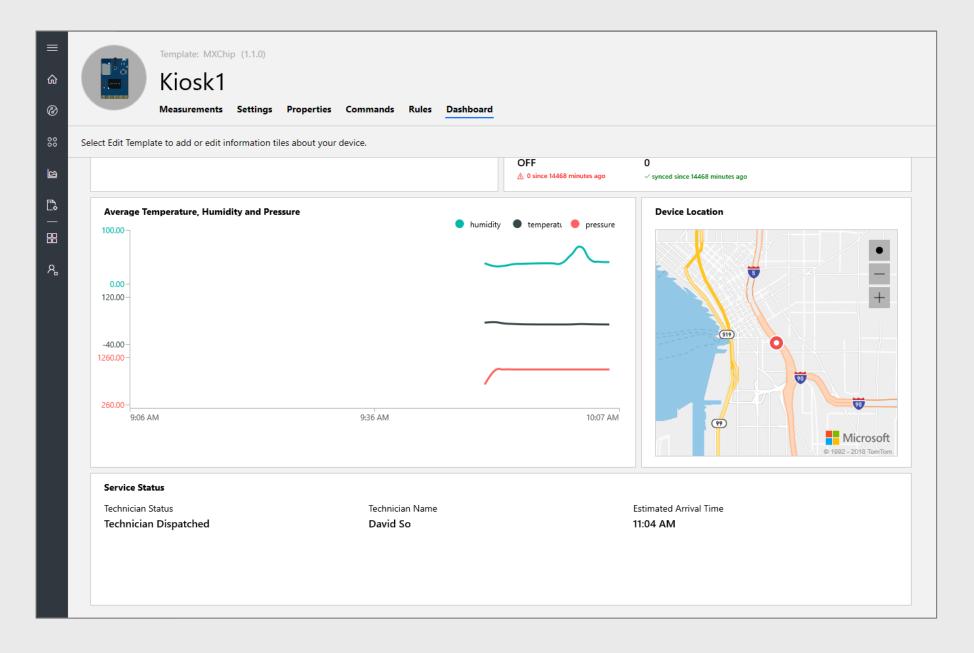












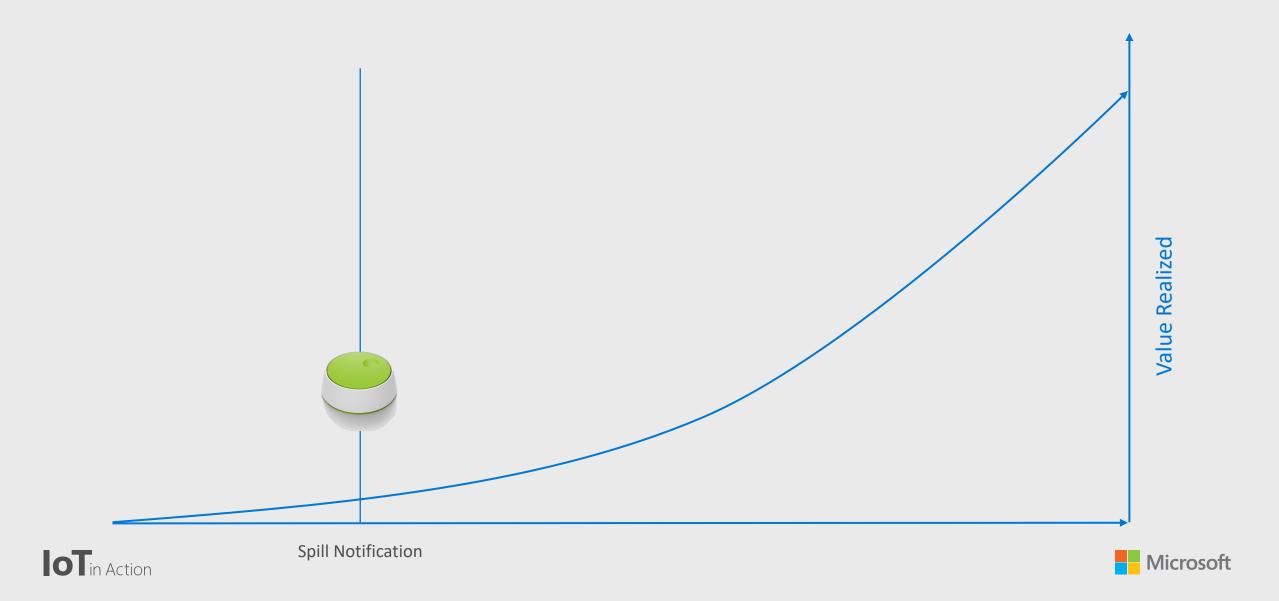








Scenario #1: Notification of Unsafe Conditions



Seeed ReButton

IoT development tool

- Momentary button
- Multiple click scenarios
- Indicator LED
- Wi-Fi enabled
- Extensible with Grove sensors





http://www.seeedstudio.com





Scenario #1: Notification of Unsafe Conditions



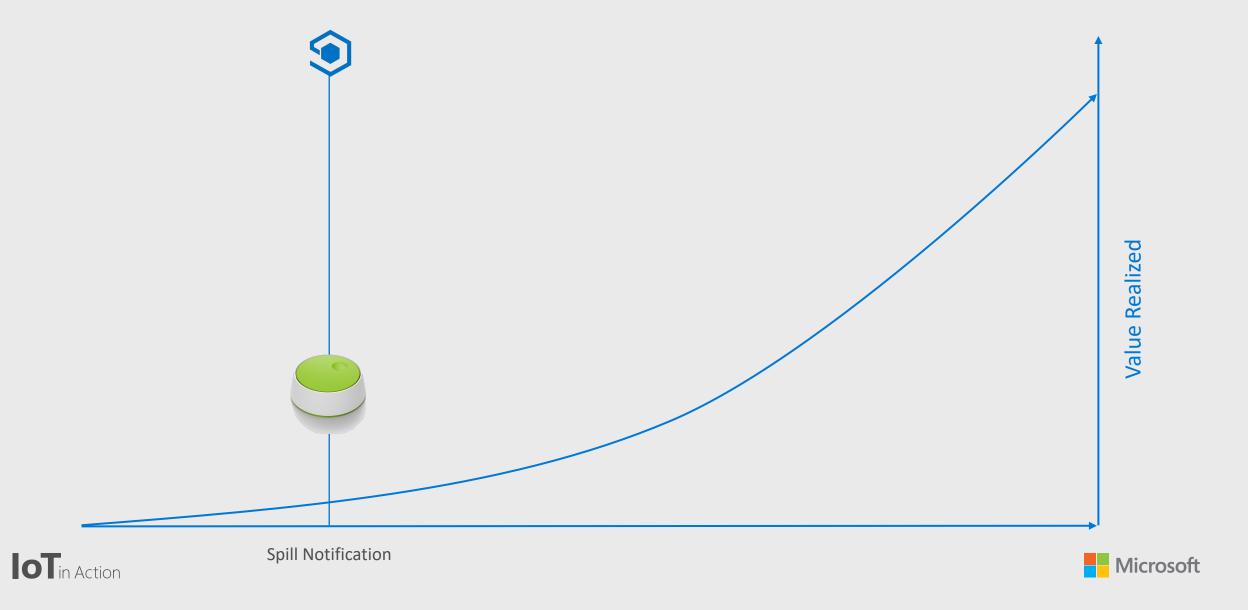








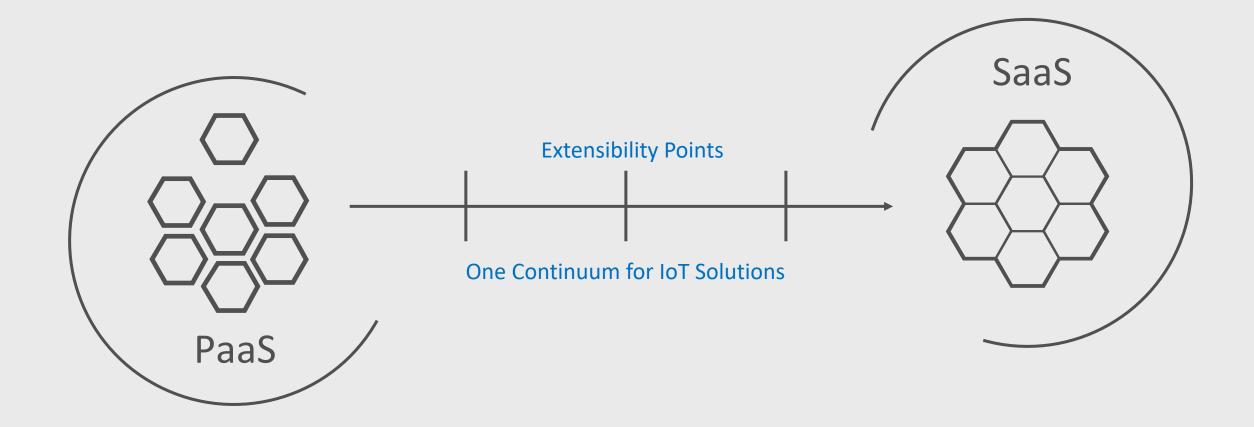
Scenario #1: Notification of Unsafe Conditions



Scenario #2: Protecting Worker Hearing



Choosing PaaS vs. SaaS







Scenario #2: Protecting Worker Hearing

Things





Insights



IoT Hub



Azure Stream Analytics



Time Series Insights



Power BI

Actions

- Notify worker of danger
- Light signal
- Real-time reporting
- Operational & compliance reporting





Scenario #2: Protecting Worker Hearing



Scenario #3: Ensuring Protective Gear Compliance



Scenario #3: Ensuring Protective Gear Compliance

Things







Insights

- Machine Learning on the Edge
- Vision Artificial Intelligence

Action

Operational & compliance reporting

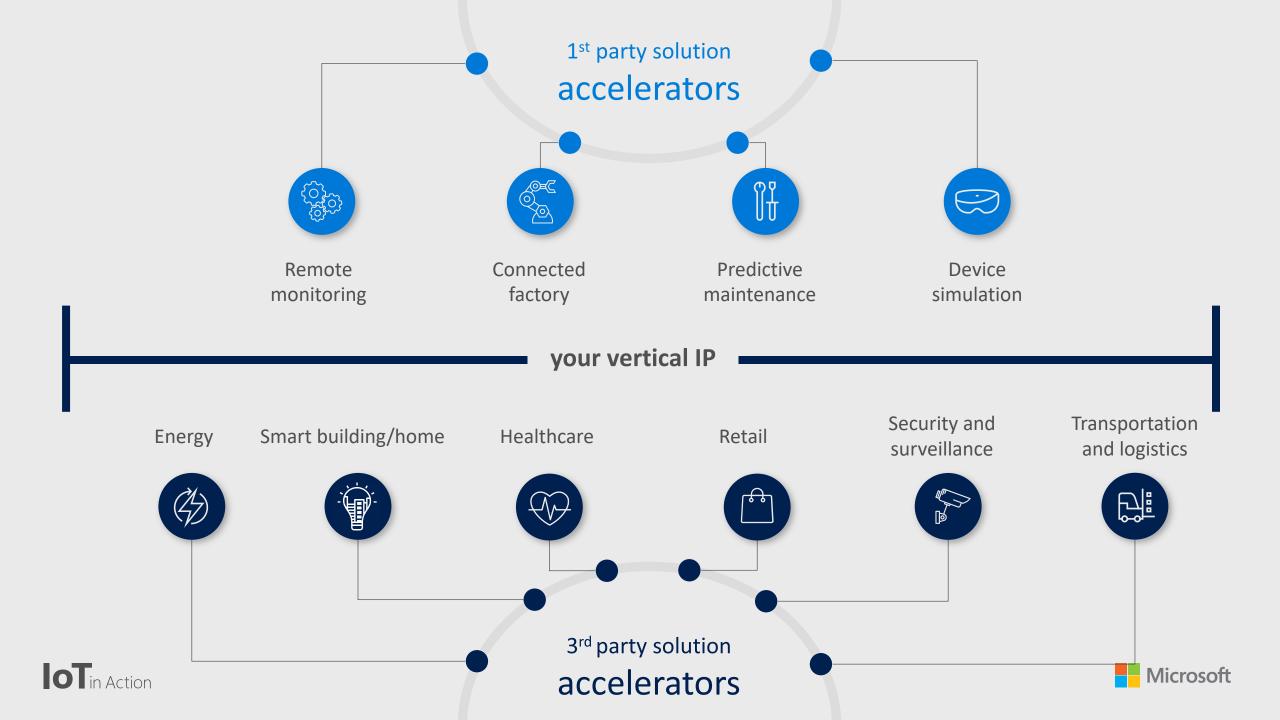




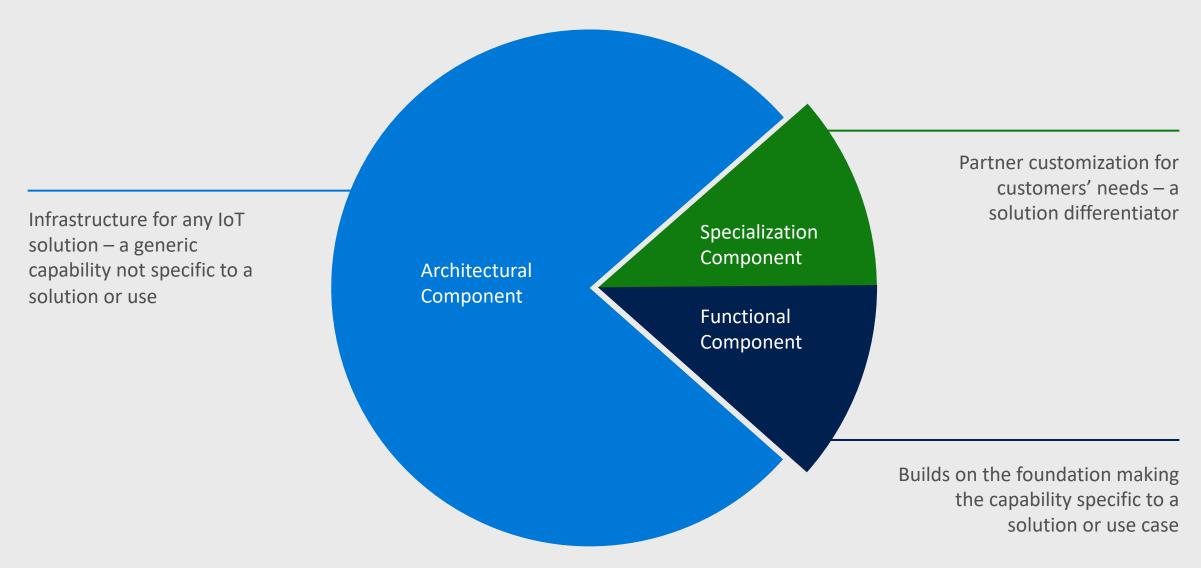


Scenario #3: Ensuring Protective Gear Compliance





Anatomy of a Solution built off an Accelerator







Thank you!



