

O I in Action

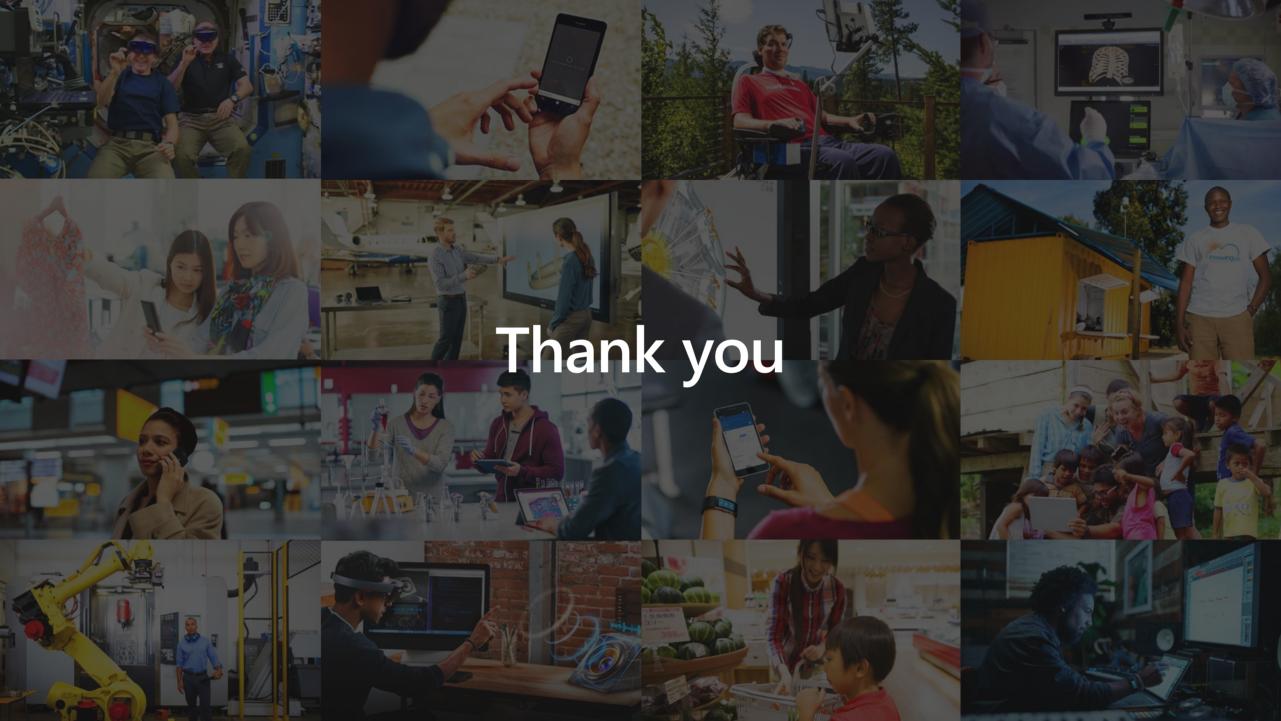
#IoTinActionMS



IoT Continuum: Evolving Business

Dr. Tomer SimonNational Technology Officer
Microsoft Israel





Our Goal







Partners



Technology

























1 million/hour new devices coming online by 2020



by 2020

81% businesses operating in a hybrid environment by 2021























Fueling opportunities



\$267 billion

Predicted USD spend on IoT by manufacturers by 2020¹

Boston Consulting Group, 2017



+\$100 million

Average increase operating income among the more digitally transformed enterprises²



Percentage of businesses projected to be using IoT by the end of 2021³

Keystone Strategy, 2018

Hypothesis, 2019



80B

Connected "things" by 2025 generating 180ZB of data



\$130B

New monetization avenues due to IoT-related services



80%

Companies that increased revenue as a result of IoT implementation



\$100M

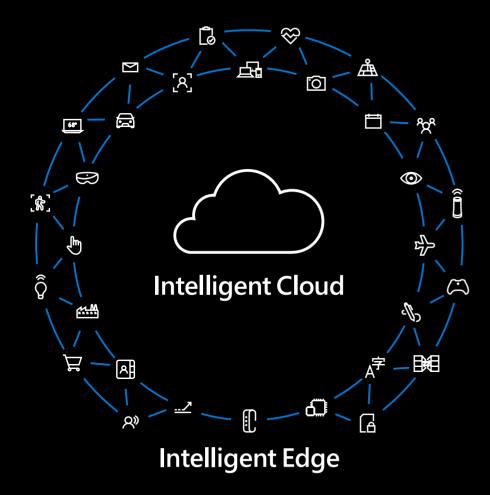
Average increase in operating income (average 8%) among the most digitally transformed enterprises

"By 2020, 30 percent of G2000 companies will have allocated capital budget equal to at least 10 percent of revenue to fuel their digital strategies.

This shift toward capital funding is an important one as business executives come to recognize digital transformation as a long-term investment.

This commitment to funding digital transformation will continue to drive spending well into the next decade."

—Shawn Fitzgerald: IDC, Research Director, Worldwide Digital Transformation Strategies



"Building applications for multi-device, multi-sense experiences is going to require a very different form of computing architecture.

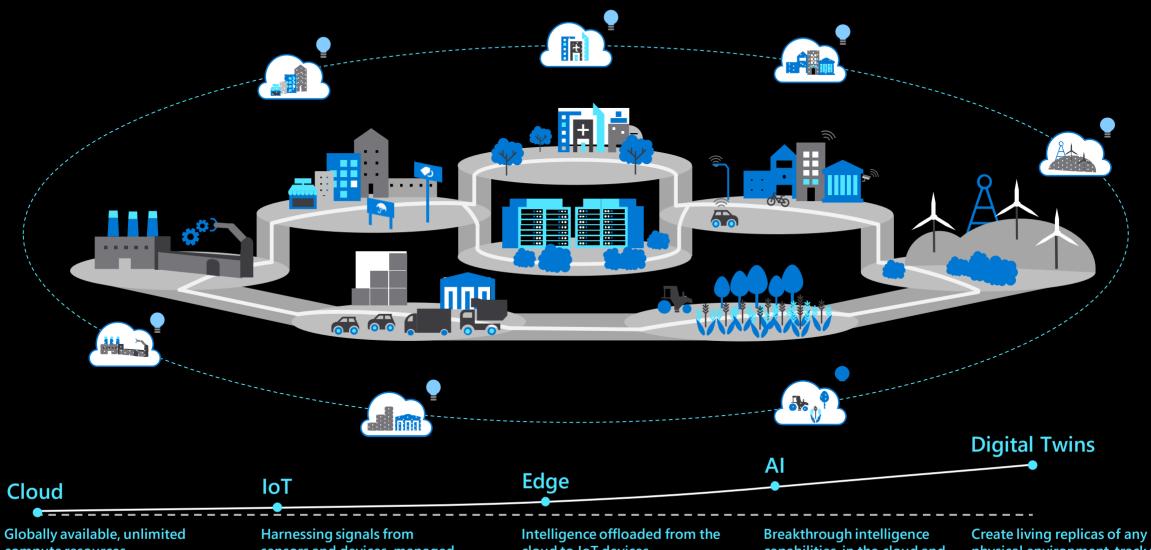
That's the motivation for bringing together all of our systems and people.

Silicon in the edge to the silicon in the cloud architected as one workload that is distributed—that's the challenge in front of us."

—Satya Nadella, Q&A Session, April 2018



Innovations enabling new opportunities



compute resources

sensors and devices, managed centrally by the cloud

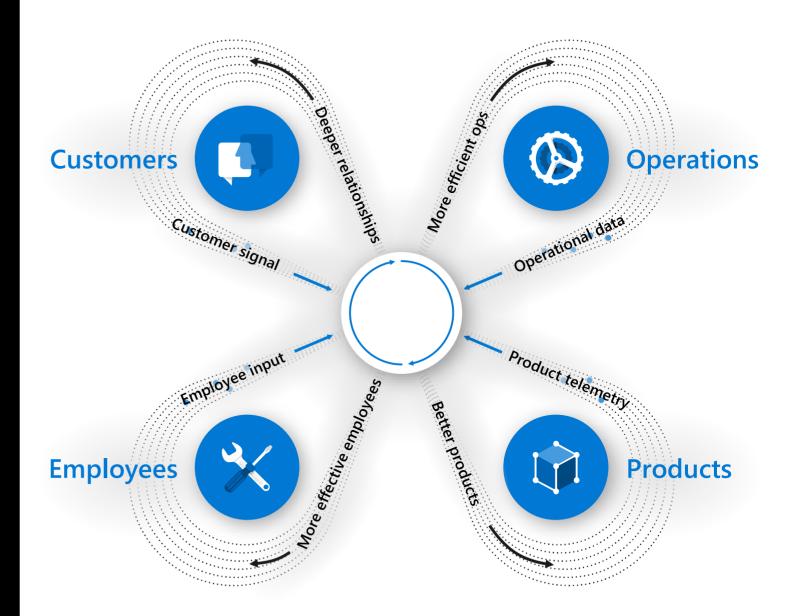
cloud to IoT devices

capabilities, in the cloud and on the edge

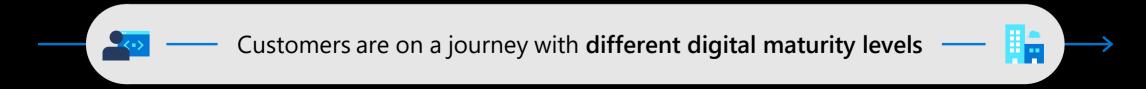
physical environment, track the past and predict the future

Catalytic innovations enable a Digital Feedback Loop

- 1 Data: Capture digital signal across business
- 2 Insight: Connect and synthesize data
- (3) Action: Improve business outcomes



Three emerging patterns of digital transformation



Build digital capabilities

Build digital businesses

Modernization

Foundation for Digital Transformation

Common initiatives:

- Digital workplaces
- Digital customer experiences
- Transforming the infrastructure
- Application modernization

Industry & Horizontal

Solution-centric opportunities

Industry Solution examples:

 Predictive Maintenance, Customer Insights, Citizen Services

Horizontal Solution examples:

 Digital Marketing, Employee Self-Service, Smart Buildings, Security & Surveillance

Transformational

Reimagine their businesses

CXO sponsorship

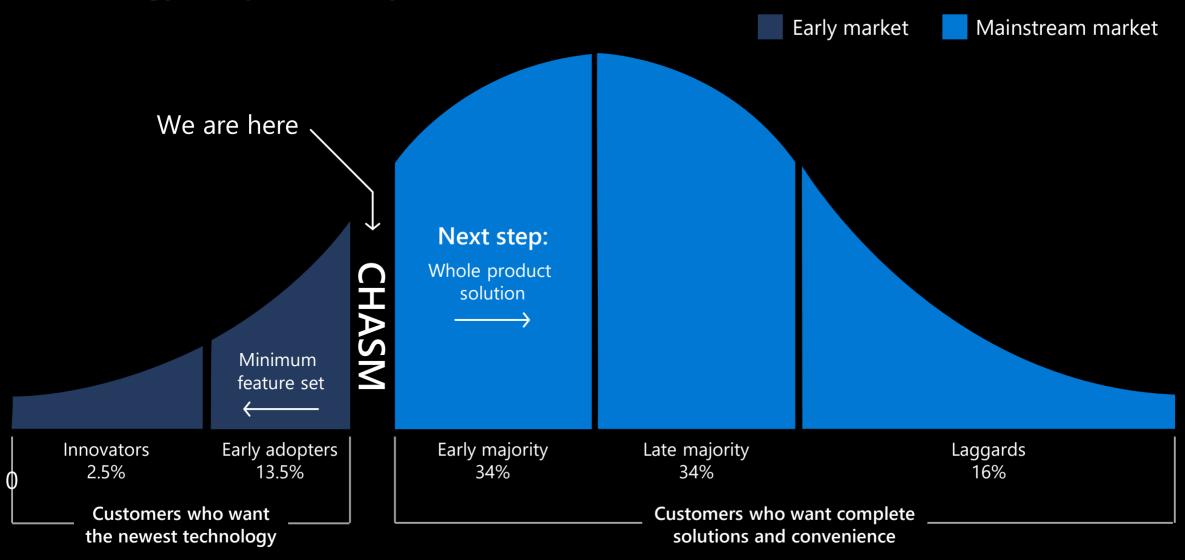
Digital Maturity Model assessment

Comprehensive program of change

Evolves into new commercial business models

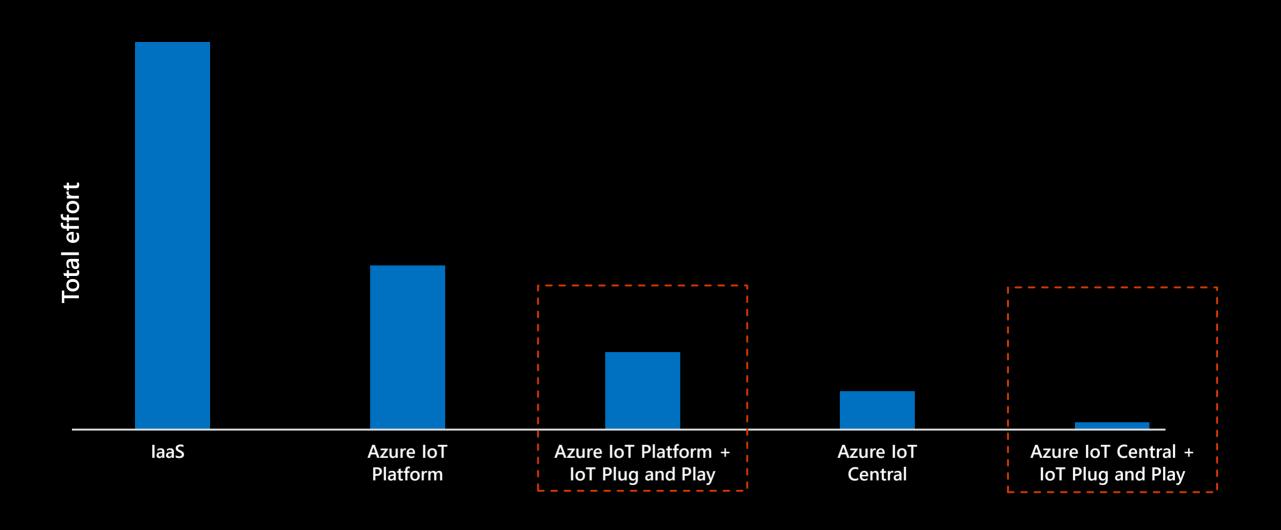
Preparing for mainstream market customer needs in IoT

Technology adoption lifecycle



Accelerating IoT

The total effort to build and operate an IoT Solution is rapidly decreasing



IoT partner value chain

IoT presents a unique opportunity to bring together multi-disciplinary partners



End points

Silicon/Chip Manufacturers

Gateway Manufacturers

M2M Modules

Device Manufacturers

Traditional OEMs

Device SIs



Security

Software

Hardware

Regulatory experts

Privacy



Connectivity

Mobile Network Operators

Mobile Virtual Network Operators

Channel Development Providers

Application Enablement Platform ISVs



Services

Solution Architecture

Solution Integrators

Service Providers

Presentation

Dashboarding

Big Data



Business consultants

Consultants

Advisors

Professional Services

Industry Influencers



Distributors

Aggregators

Scale through VARs



Developers

ISV

In-house



Regulators

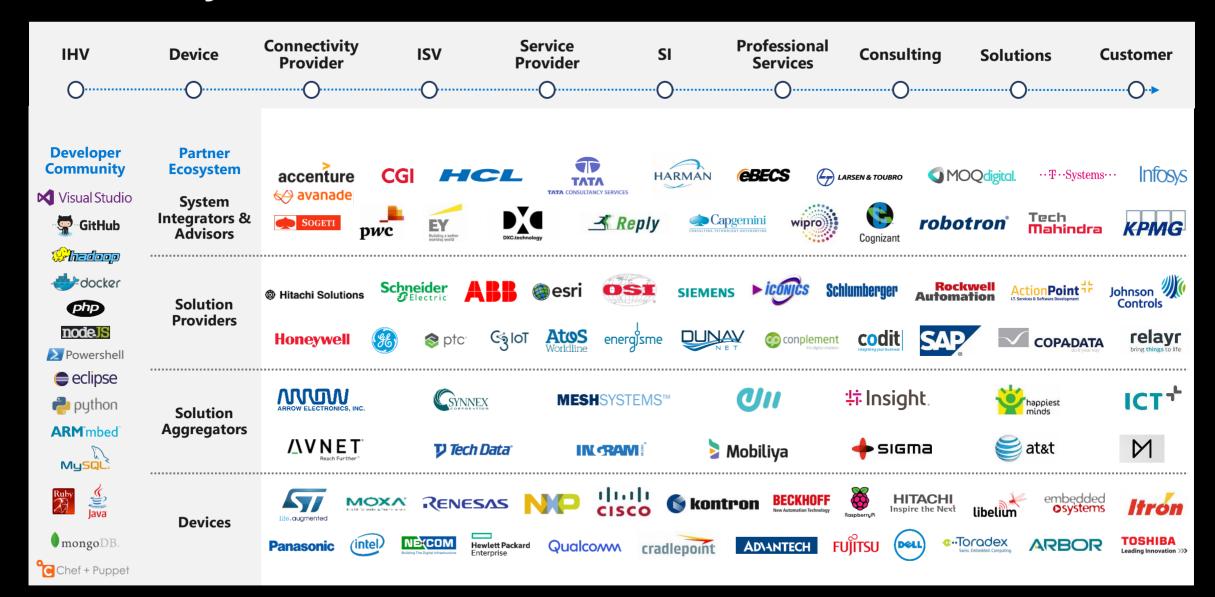
Standards organizations

Industry Bodies

Accreditation organizations

Auditors

IoT ecosystem momentum





Microsoft IoT platform innovations last year

>100



Partner provided co-sell ready solutions

>1,200



Ecosystem partners

>10,000

IoT vertical focus













Manufacturing

Field Service
Safety & Security
Process & Quality
Factory Automation

Retail

Space & Assortment Inventory Mgmt.

Personalization

Healthcare

Patient Monitoring
Research
Supply Chain
Operation Efficiency

Energy

Oil & Gas
Utilities
Power Plants
Environment Sensors

Smart City/ Buildings

Security &

Surveillance Monitoring & Safety Energy Mgmt.

Agriculture

Soil Sensors
Livestock
Equipment
Supply Chain
Connectivity

Customer momentum



VILLAGE ROADSHOW LIMITED

Walmart ::

Sky\lert

Telensa

COATS

KONGSBERG

Australian Government

Department of Industry

HarperCollins



IoT Solutions' Fast Lane With Azure & CodeValue

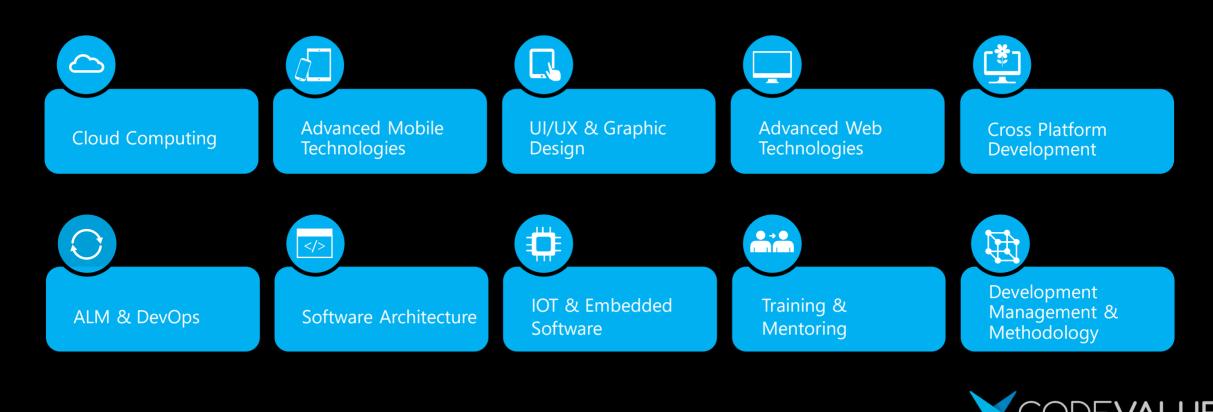
Eran Stiller CTO @CodeValue Microsoft Regional Director





About CodeValue

- Technology experts
- · High quality software development solutions

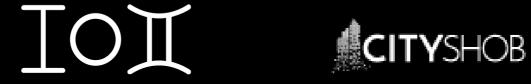


Azure IoT @CodeValue













Kornit Digital

Kornit Digital bonding matters

Cutting-edge direct to garment printing platforms













Benchmarks



6/7

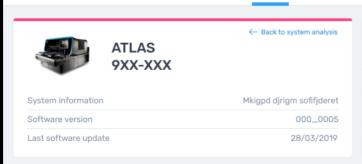
March 14, 2019 11:27 🔻

Today

Davs

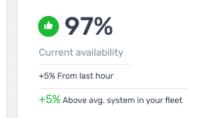
Weeks

Active systems March 14, 2019 11:27am



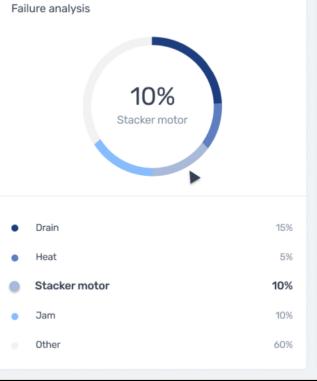
17Kimp Total Impressions -3% From last week -10% Below avg. system in your fleet



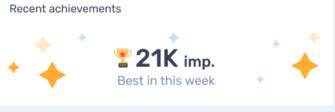


Kornit Konnect

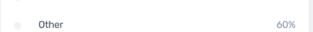




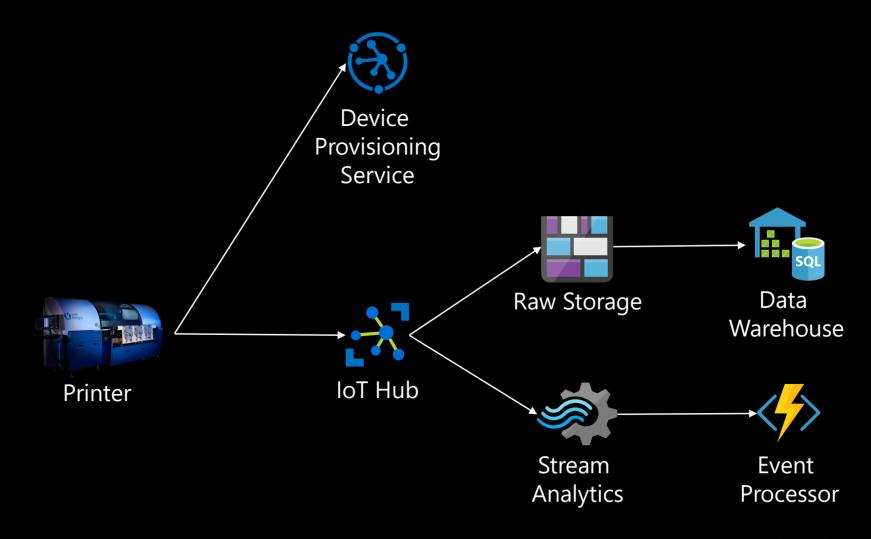








Kornit Konnect & Azure IoT





Kornit Konnect & Azure IoT

50% Reduction in Operational Cost







Feelit



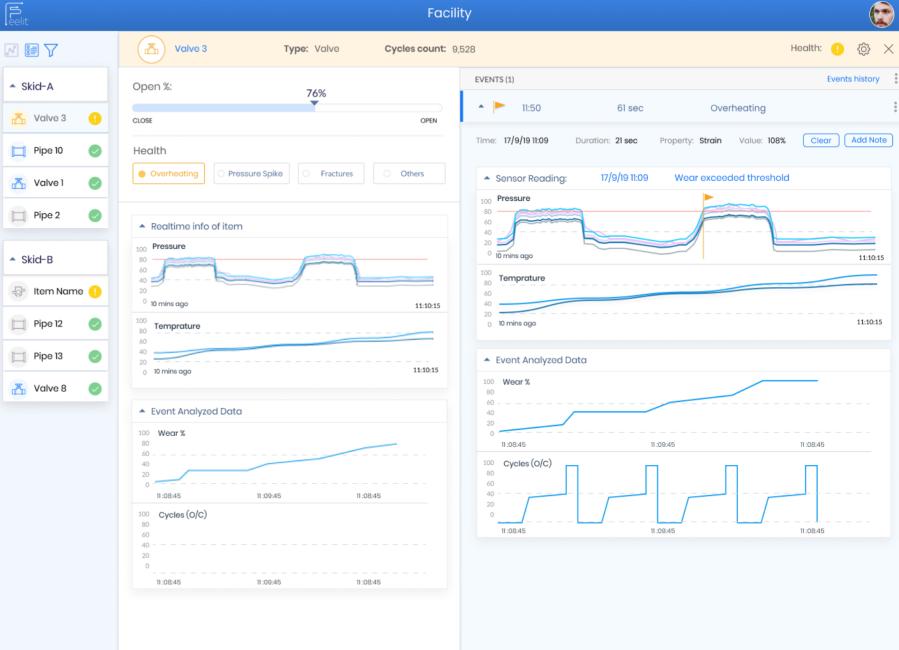


Feelit

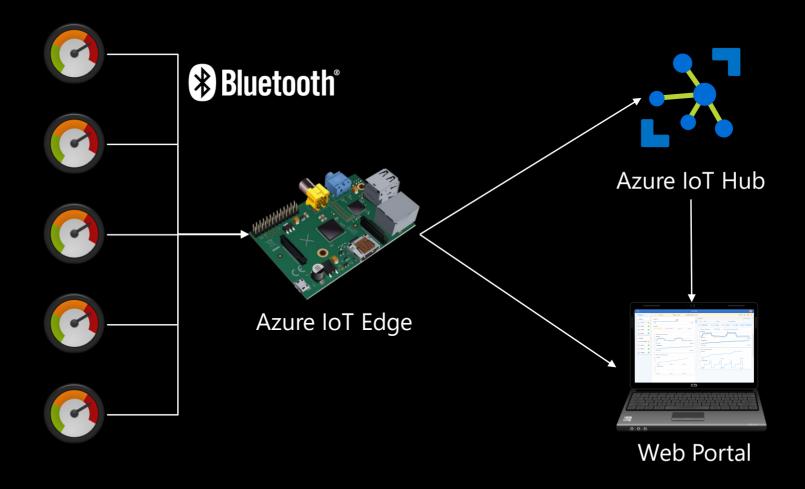








Azure IoT Edge @Feelit

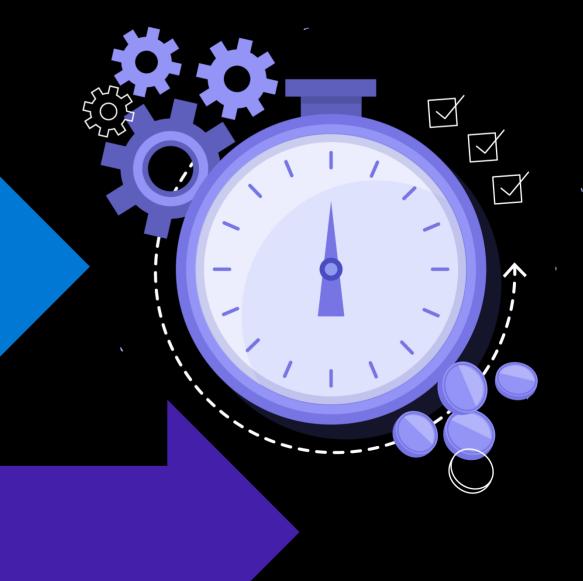




Azure IoT Edge @Feelit

50% Reduction in Operational Overhead

60% Reduction in Time-to-Market





D.3.3A

D.3.3B

ioTwo by CodeValue

IOI

Accelerate Your Business with Azure IoT & CodeValue

