Microsoft Azure

Azure IoT

Transforming your business

Chase Hawkins
Global IoT Solutions Director
chase.hawkins@microsoft.com

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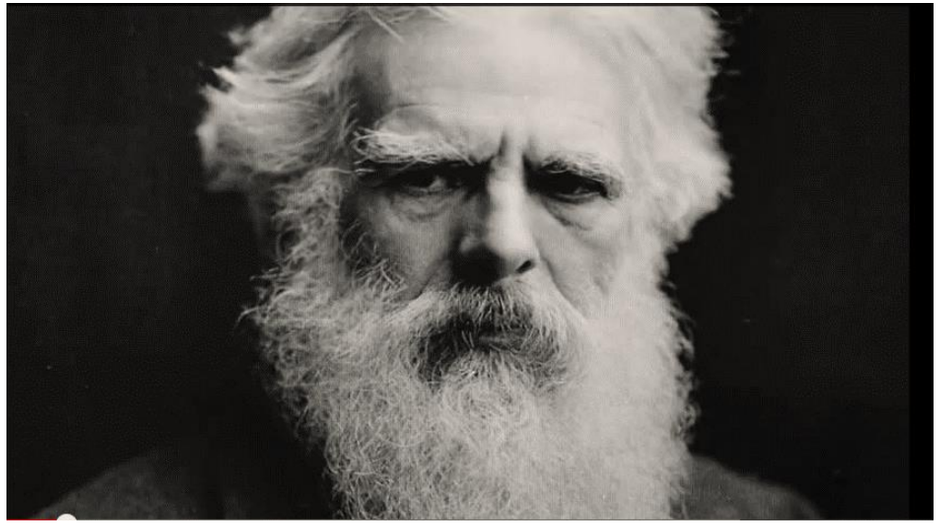
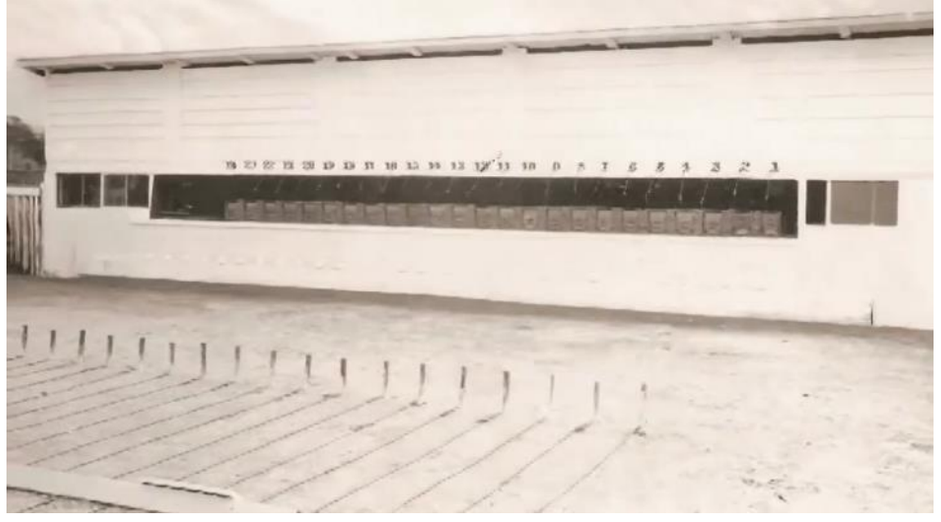
Defining IoT

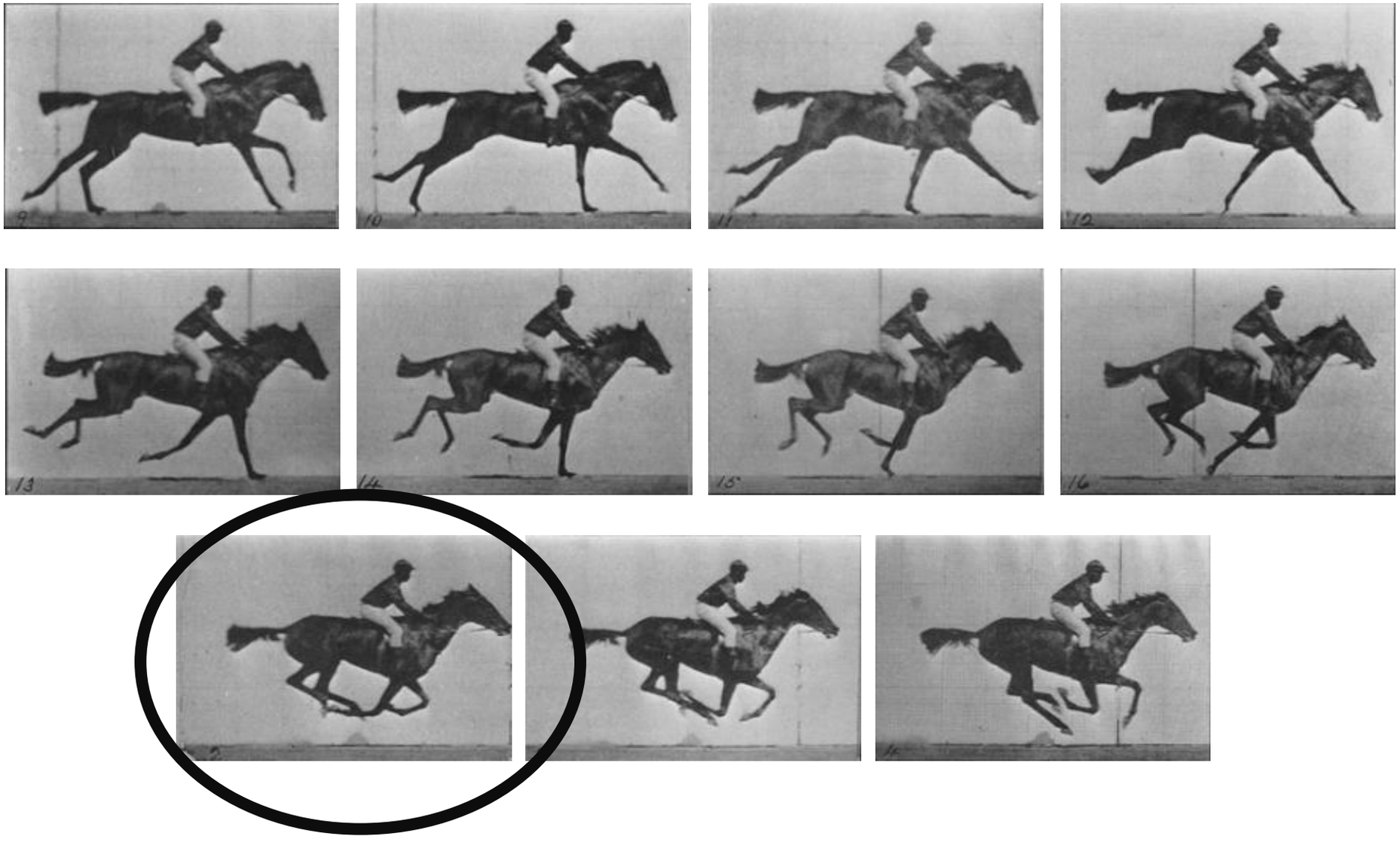
Things

Insights

Action



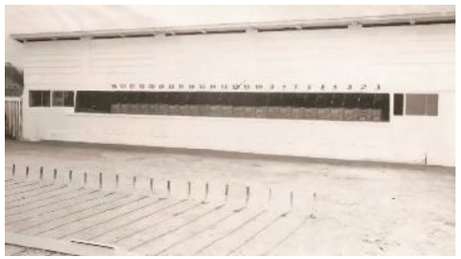




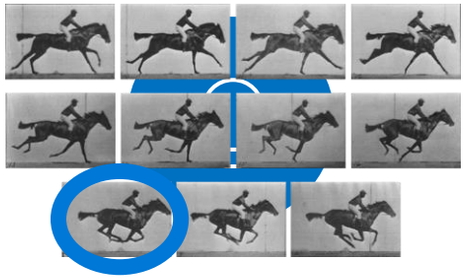
Competitive Advantage

New Revenue Streams

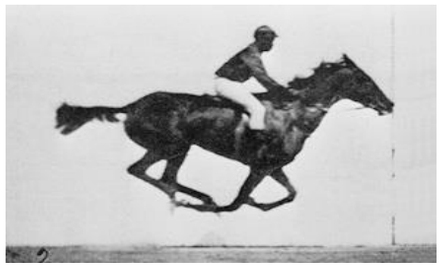
Defining IoT



Things



Insights



Action

What motivates us at Microsoft

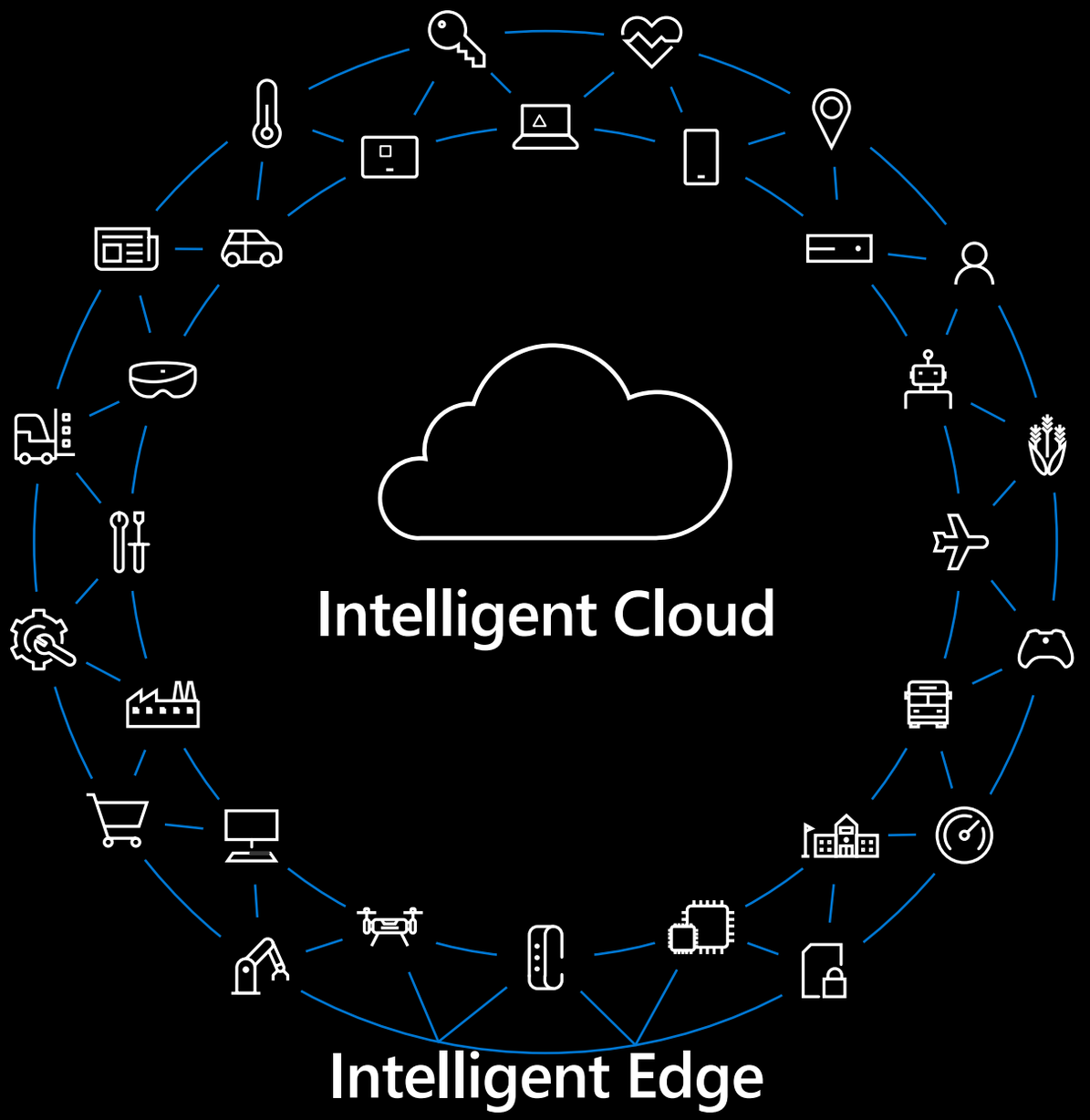
80B

connected devices
by 2025

180ZB

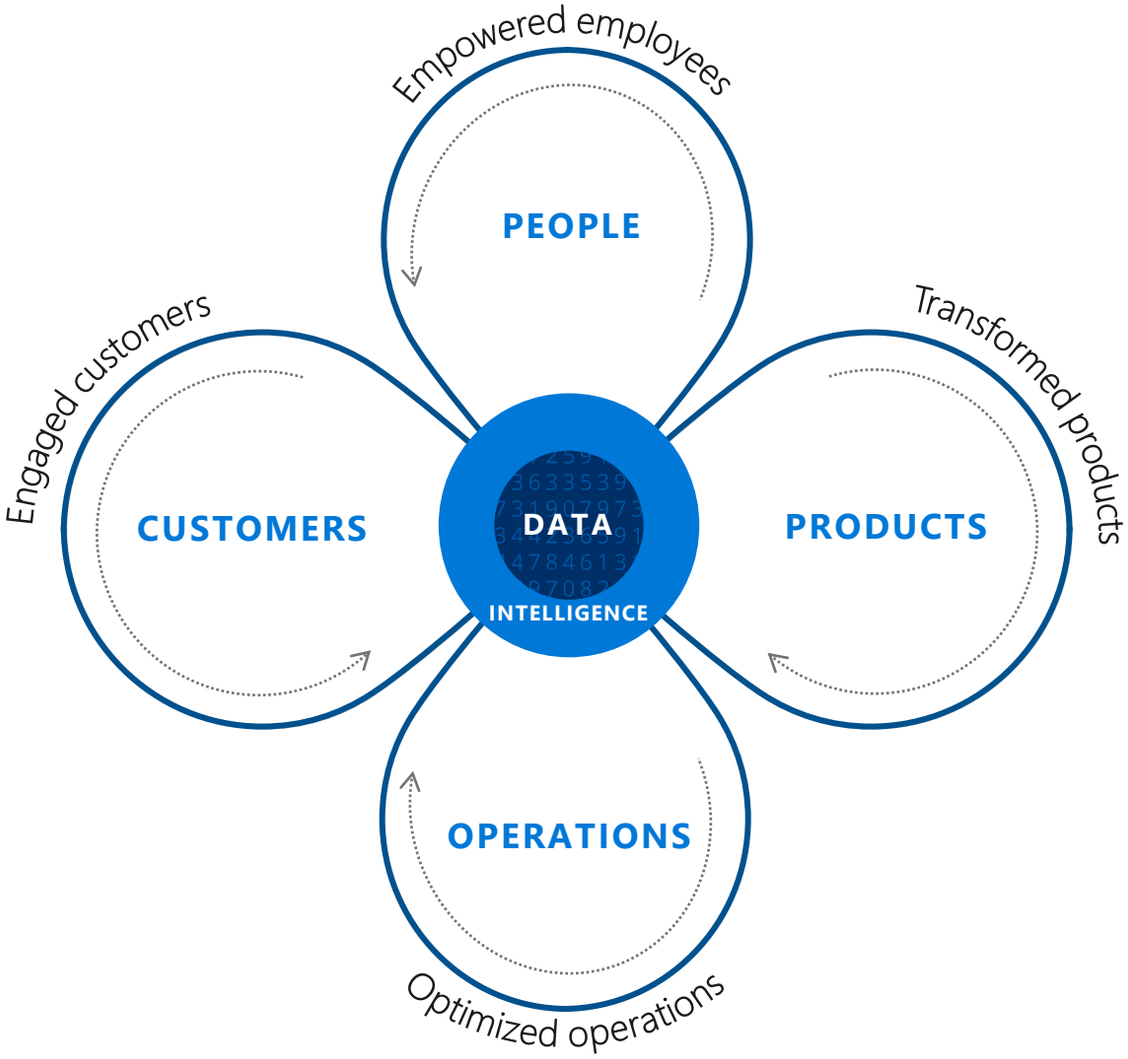
total amount of data
by 2025

Source: IDC


Intelligent Cloud
Intelligent Edge

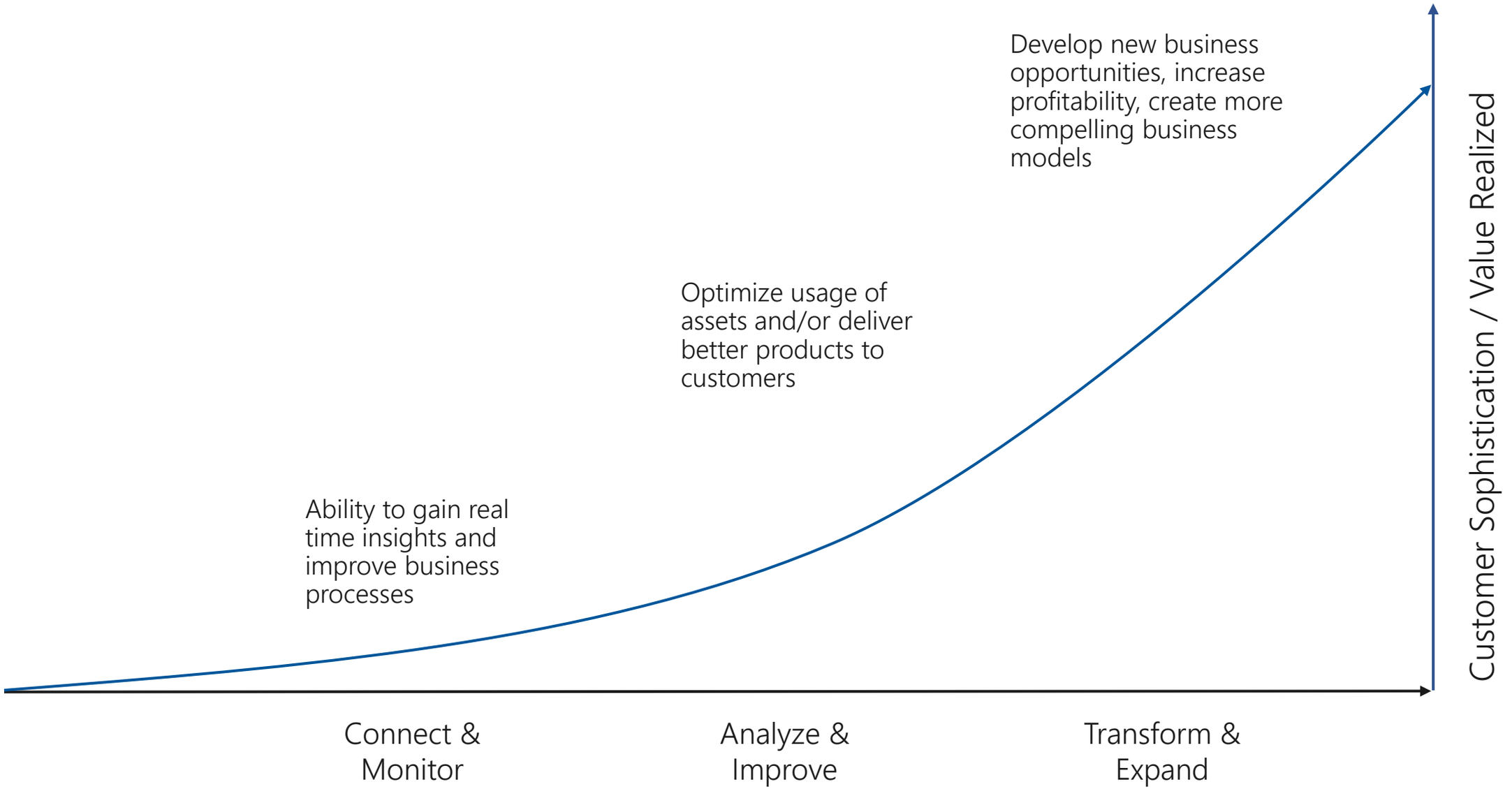
IoT Enables a Digital Feedback Loop

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

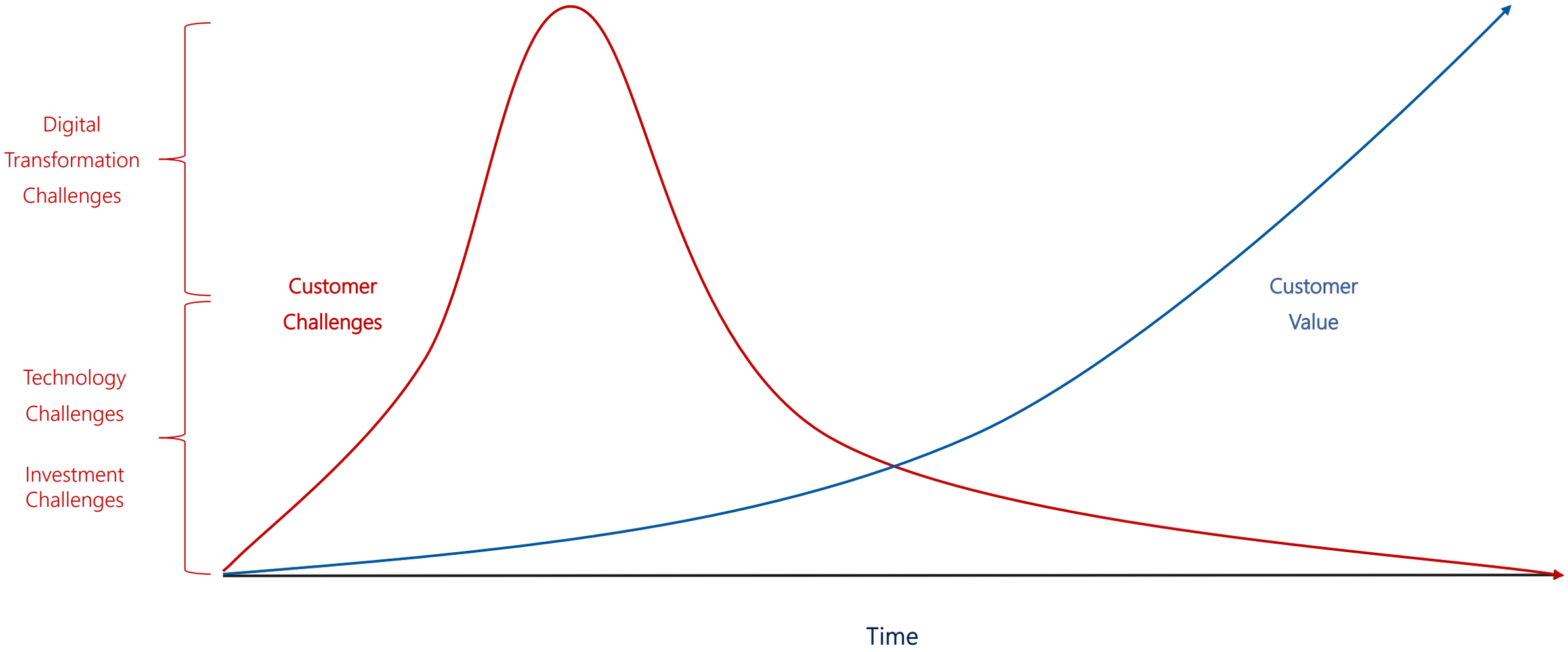


Our vision is to help businesses take advantage of the digital feedback loop

We’ve observed three primary stages in the IoT customer journey



Realizing those benefits can be challenging for businesses



Customer momentum

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Ecosystem momentum

Developer Community

Visual Studio, GitHub, hadoop, docker, php, nodeJS, Powershell, eclipse, python, ARMmbed, MySQL, Ruby, Java, mongoDB, Chef + Puppet

Partner Ecosystem

System Integrators & Advisors

accenture, CGI, HCL, EY, TATA CONSULTANCY SERVICES, HARMAN, eBECS, T-Systems, KPMG, Cognizant, Infosys, Tech Mahindra, SOGETI, avanade, pwc, DXC.technology, LARSEN & TOUBRO, Reply, wipro, Capgemini, robotron, MOQdigital

Solution Providers

Schneider Electric, GE, ABB, esri, OSI, ICONICS, Rockwell Automation, ActionPoint, conplement, codit, Johnson Controls, Honeywell, SAP, ptc, IoT, energisme, SIEMENS, Atos Worldline, DUNAV NET, Hitachi Solutions, Schlumberger, COPADATA, relayr

Solution Aggregators

ARROW ELECTRONICS, INC., SYNNEX, MESHSYSTEMS, CDW, Insight, happiest minds, ICT, AVNET, Tech Data, INGRAM, Mobiliya, SIGMA, at&t

Devices

life.augmented, RENESAS, CISCO, kontron, RaspberryPi, DELL, libelium, Itron, intel, MOXA, Qualcomm, cradlepoint, BECKHOFF, HITACHI, embedded systems, TOSHIBA, Panasonic, NEXCOM, Hewlett Packard Enterprise, ADVANTECH, FUJITSU, Toradex, ARBOR

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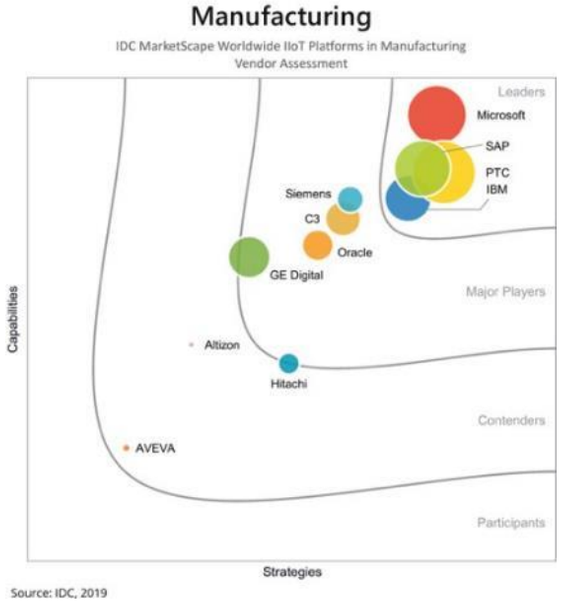
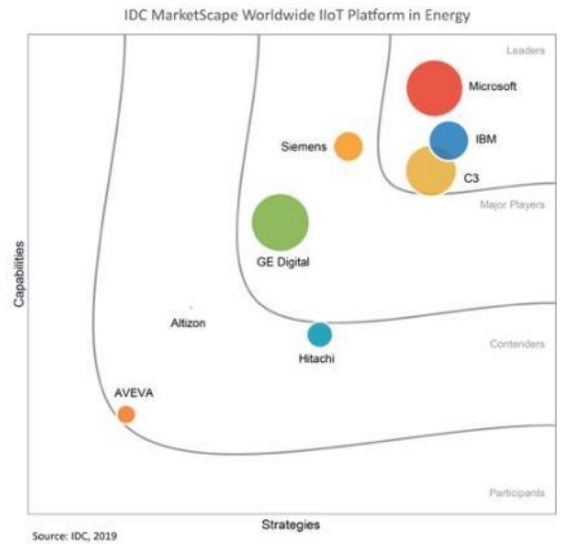
Industry experience drives our platform

Manufacturing



Source: IDC, 2019

Energy



Source: IDC, 2019

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Microsoft's comprehensive IoT product portfolio

Azure Security Center for IoT

Azure IoT priority verticals

Manufacturing | Retail | Agriculture | Energy | Smart Cities | Healthcare | Transportation

Azure IoT solutions

- **Azure IoT Central** (SaaS)
- **Azure IoT reference architecture and accelerators** (PaaS)
- **Dynamics Connected Field Service** (SaaS)

Azure Services for IoT

- Azure IoT Hub
- Azure IoT Hub Device Provisioning Service
- Azure Active Directory
- Azure AI
- Azure Cognitive Services
- Azure Cosmos DB
- Azure Data Share
- Azure DevOps
- Azure Digital Twins
- Azure Logic Apps
- Azure Maps
- Azure ML
- Azure Monitor
- Azure Spatial Anchors
- Azure Stream Analytics
- Azure Time Series Insights
- Power BI

IoT and Edge device support

- Azure IoT Device SDK
- Azure IoT Edge
- Azure Sphere
- Windows IoT
- Azure Certified for IoT device catalog
- Azure Cognitive Services
- Azure Functions
- Azure ML
- Azure SQL
- Azure Storage
- Azure Stream Analytics
- Data Box Edge

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Microsoft Azure

Thank you!

Chase Hawkins
Global IoT Solutions Director
chase.hawkins@microsoft.com

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