Microsoft Azure

# A Lap around the Azure Percept PREVIEW DevKit

*Edge security and intelligence*
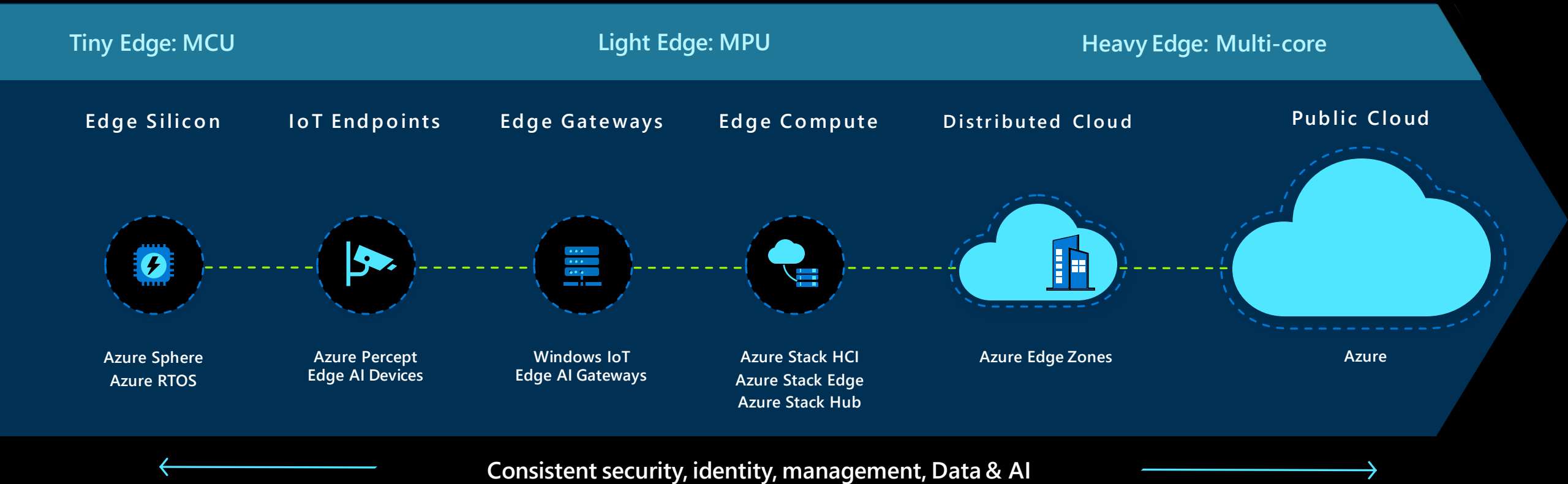
Azure Jedi

# Azure Percept

**Complete edge AI platform**

**Seamlessly build and manage edge AI solutions**

**Designed with modern security in mind**

# Azure is uniquely designed for any edge

| Tiny Edge: MCU | Light Edge: MPU | Heavy Edge: Multi-core |

Edge Silicon · IoT Endpoints · Edge Gateways · Edge Compute · Distributed Cloud · Public Cloud

Azure Sphere
Azure RTOS

Azure Percept
Edge AI Devices

Windows IoT
Edge AI Gateways

Azure Stack HCI
Azure Stack Edge
Azure Stack Hub

Azure Edge Zones

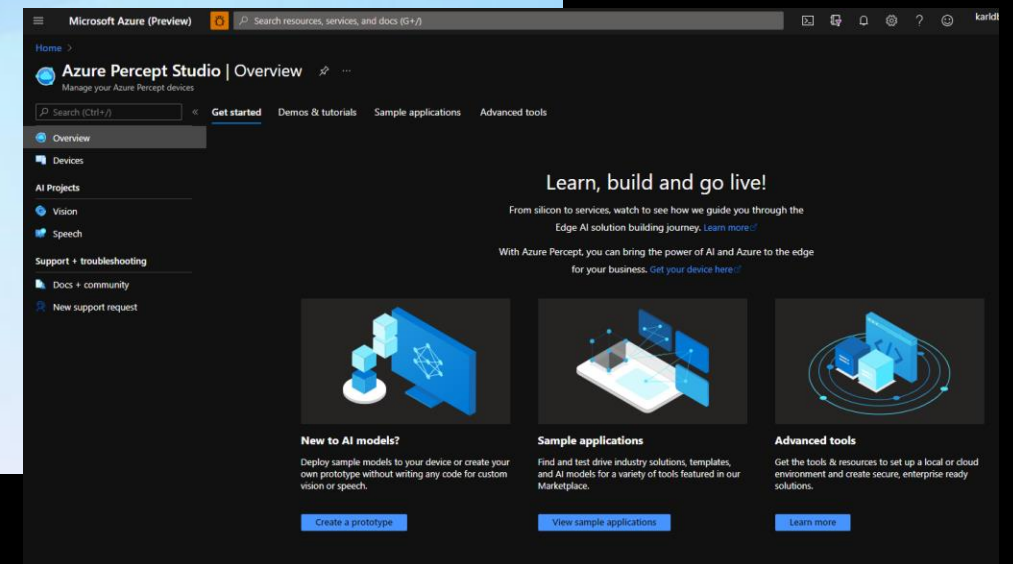Azure

**Consistent security, identity, management, Data & AI**

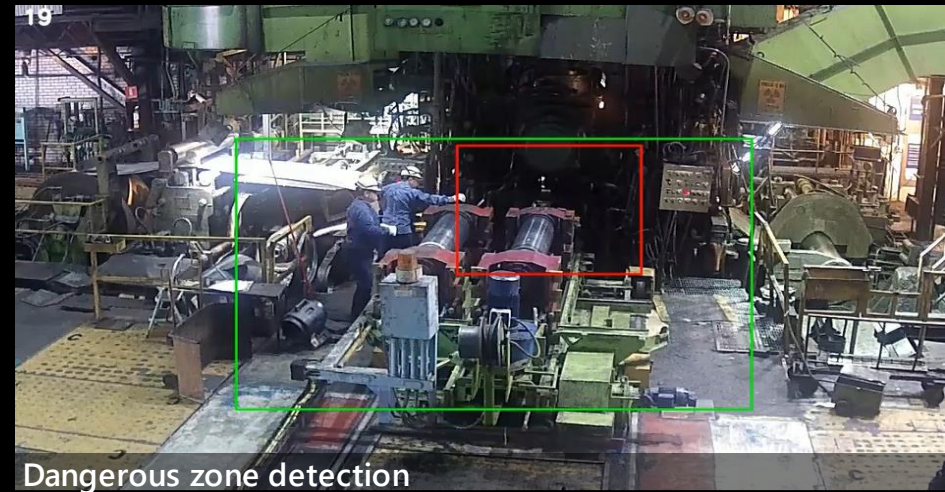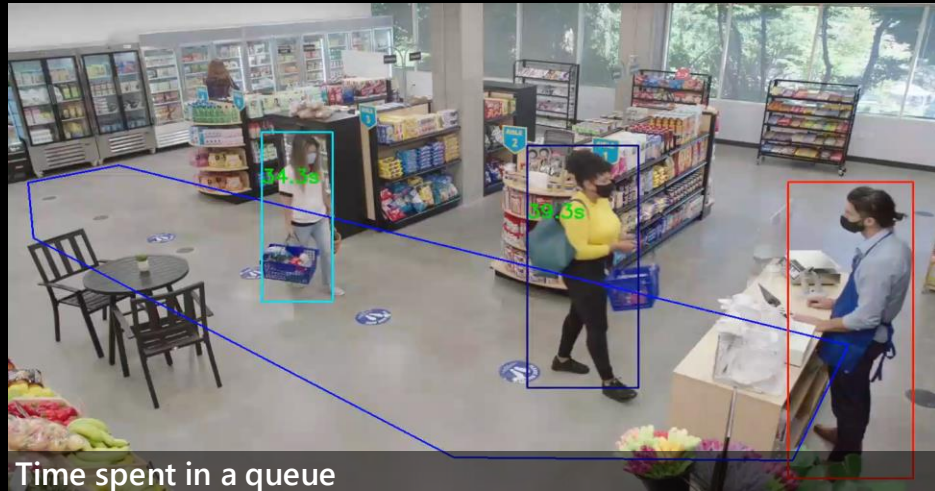# Building the IoT framework at the edge

**Azure Percept**

- Edge AI management solution

- Reference architecture designed for hardware root of trust

- Certified for pilots to enable mass scale deployments

- Mariner / Linux cloud infrastructure OS is free and open source for edge AI pipeline management

- Deployable RGB/video/audio containers

- Designed for the light edge

# Getting started with the DevKit

# Azure Percept AI models



Time spent in a queue

Vehicle detection with parking stall alerting

Security and surveillance

Dangerous zone detection

Microsoft Azure

# Enough marketing ☺

# Demo time

# Get Started with Azure Percept

http://aka.ms/aiatedge

Accelerate AI
at the edge in new
or existing devices

Make real-time
decisions with one-
stop Azure AI and
IoT services

Leverage security
features to help
protect your data in
transit or at rest

**Get started today**

1.

Pre-order your
development kit.

2.

Seamlessly build and
manage edge AI
solutions.

3.

Modern security
from silicon to
service.

# Edge intelligence from silicon to service

Azure Jedi