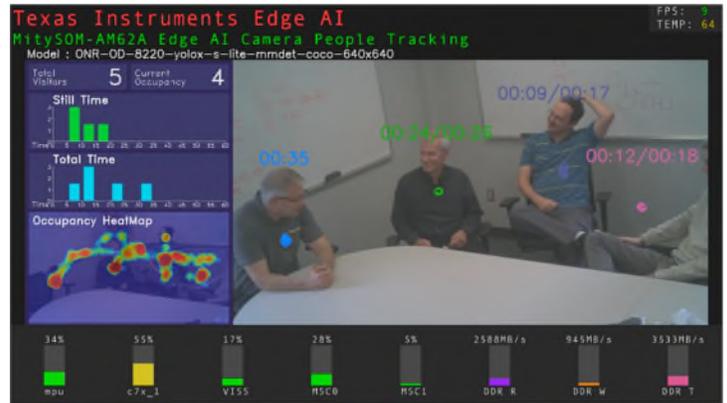


### Defect Detection Demo

Identify problems in a manufacturing assembly line using AI at the edge. This Critical Link demo highlights a real-world industrial application for AI at the edge, tracking real-time key metrics on production yield.



### People Counting Demo

Keep track of how many people have entered, and are currently, in a space using AI at the edge. This Critical Link Demo highlights how AI at the edge can be used in high security locations where video streams are sensitive data.

## Production-Ready Solutions for Broad Market AI Applications

- Speech Recognition
- Image Classification
- Image Generation
- Text Recognition
- Human Pose Estimation
- Noise Suppression
- Object Detection
- Semantic Segmentation
- Defect Detection
- Predictive Maintenance
- Facial Recognition
- Depth Estimation

## Critical Link AI-Ready SOMs



TEXAS INSTRUMENTS

### MitySOM-AM62A



- Quad Core
- C7x DSP
- 16GB DDR4
- 2 TOPS



Qualcomm

### MitySOM-QC6490



- 8 Cores
- GPU and DSP
- 8GB LPDDR5
- 12 TOPS



altera

### MitySOM-A5E



- Quad Core
- AI Tensor Blocks (DSP)
- 16GB LPDDR4
- 26 TOPS