



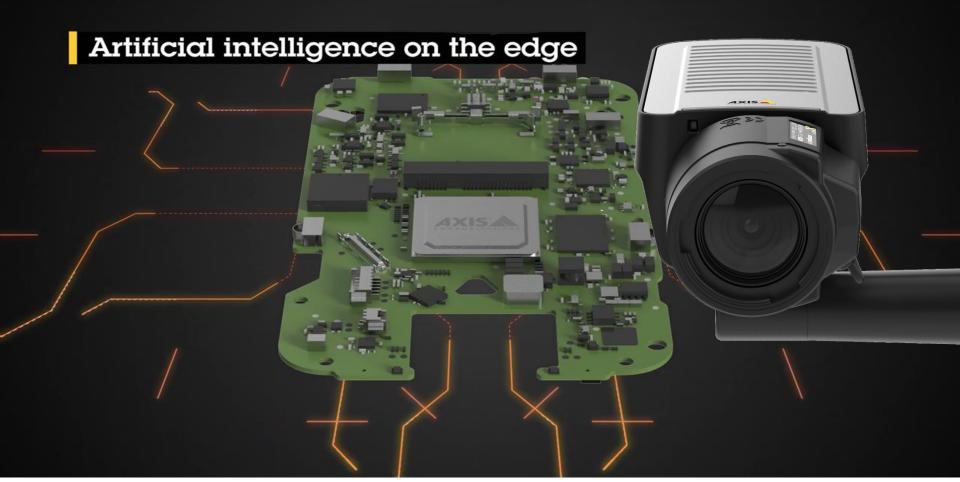


Anthony Incorvati, Transportation Segment Lead, Americas Anthony.Incorvati@axis.com 412-716-7996

**Greg Pieper**, Smartek ITS Inc, Senior ITS Engineer <a href="mailto:greg@smartek-its.com">greg@smartek-its.com</a> 410-315-9727



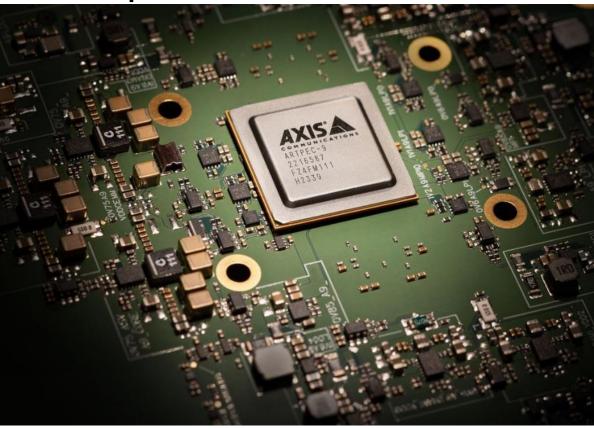






#### **ARTPEC-9: The key to unmatched performance**

- Increased performance
  - ✓ Higher pixel throughput
  - New CPU, more cores
  - Updated DLPU
- New video encoder AV1
- Much lower bitrate
- Improved image quality
- ▲ Better Axis Scene Intelligence
- ▲ More overlay graphics
- Updated security subsystem







### The camera is a Computer Vision Sensor



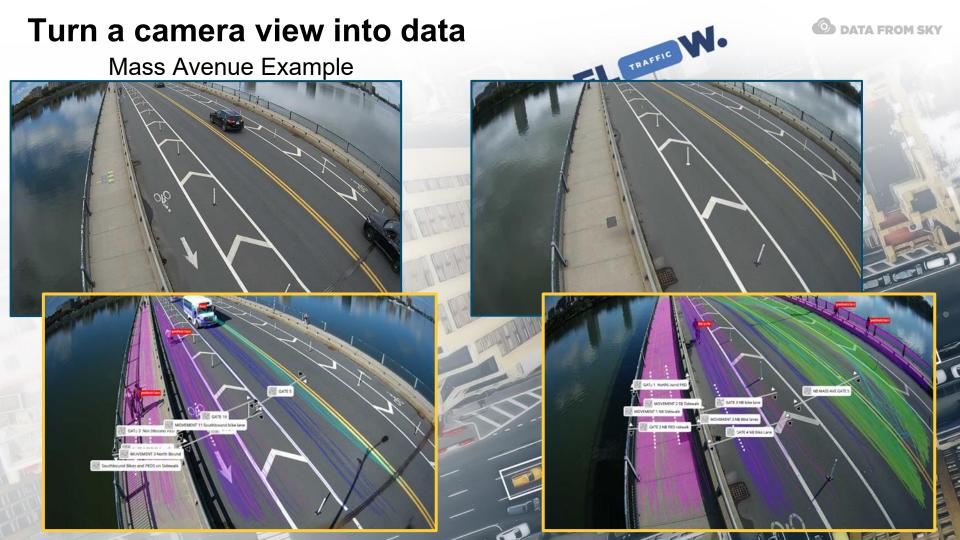


### **Computer Vision Sensor: collects, processes, analyzes – communicates**

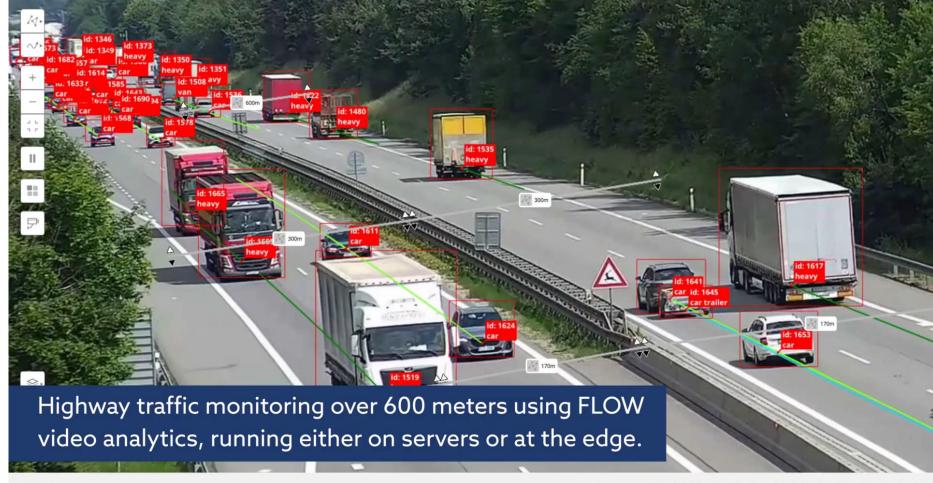




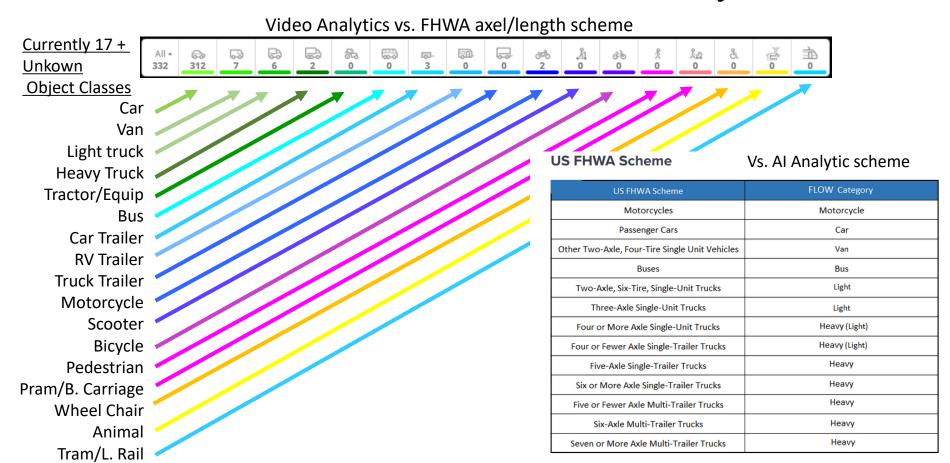


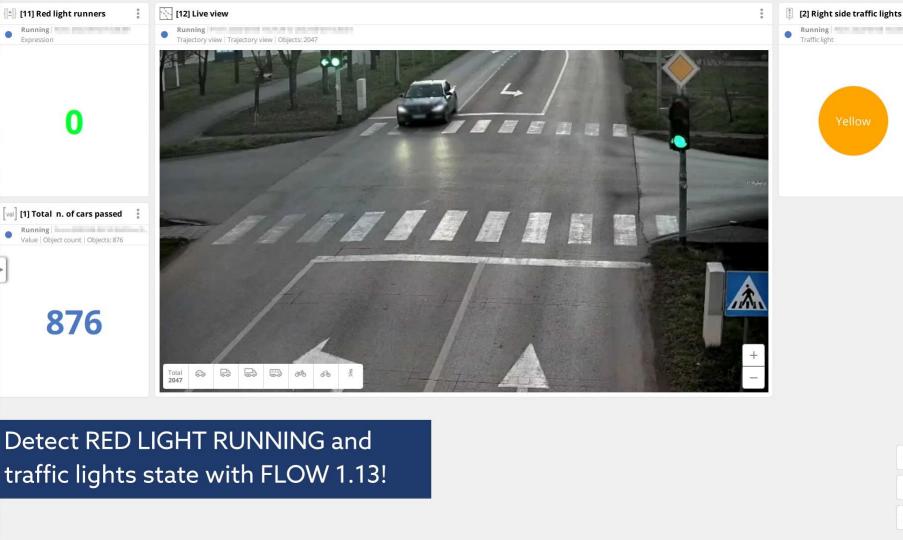




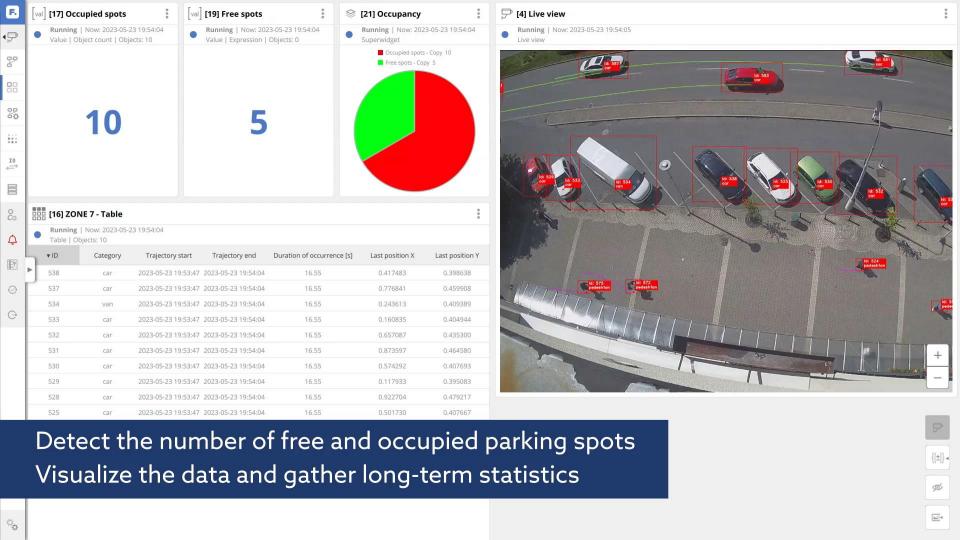


## **DFS FLOW Current Classifications of Objects**





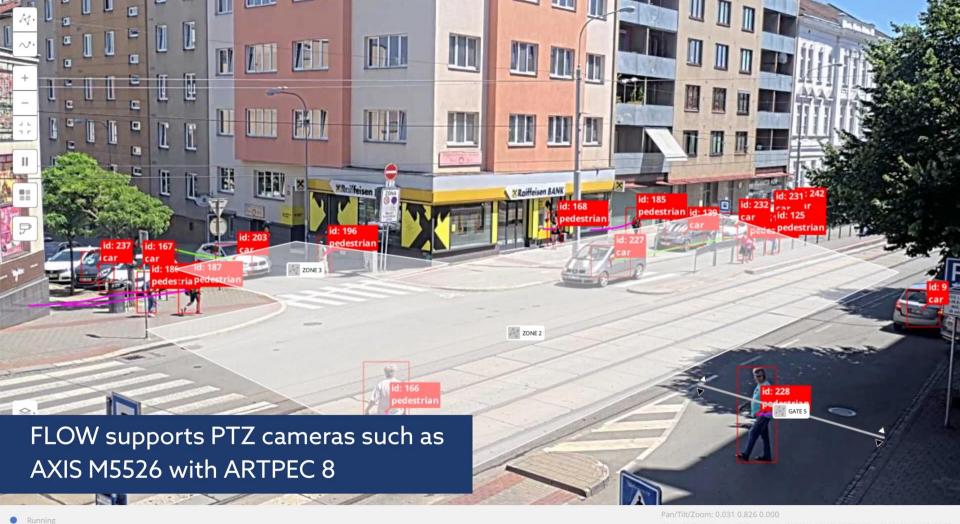
[11] Red light runners













One **traffic framework.**Any **video source.**For all **smart city tasks.** 

























Car
reliability score: 5 Light vehicle
Light vehicle
Car
reliability score: 82%

Car reliability score: 94%

# New feature: Visibility status detection

Available from FLOW v. 1.16+

Car reliability score: 97%



Edge/server traffic video analytics solutions

datafromsky.com

**Heavy vehicle** 

reliability score: 99%

