

# The Future of Smart Surveillance

**ARVAS, Anomaly Recognition Video Analytics System** is an AI assisted video anomaly detection system that requires no input of rules or pre configuration.

It continuously analyses video streams and uses unsupervised machine learning to detect abnormal motion, flagging out incidents to operators in real time.



## Self-Learning with Wider Coverage

- Unsupervised Machine Learning
- Autonomous Real Time Detection
- Unlimited Variation of Behaviours



## Easy Deployment

- High Compatibility with Existing CCTV Infrastructure
- Not Scene Dependent
- Highly Scalable



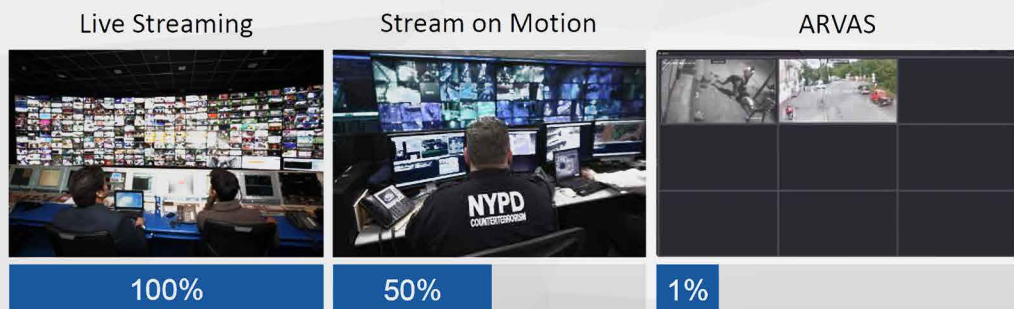
## Highly Efficient & Scalable Systems

- Event Clustering
- GPU Acceleration
- Reduce Screens Needed in Monitoring Centre

## Key Features of ARVAS

**TRANSFORM SURVEILLANCE FROM REACTIVE TO PROACTIVE**

● Percentage of videos that require manual monitoring



- Too many monitors
- Limited attention span
- Concept of operations: Reactive & Forensics

- Filters out approximately 50% of video footage with no motion

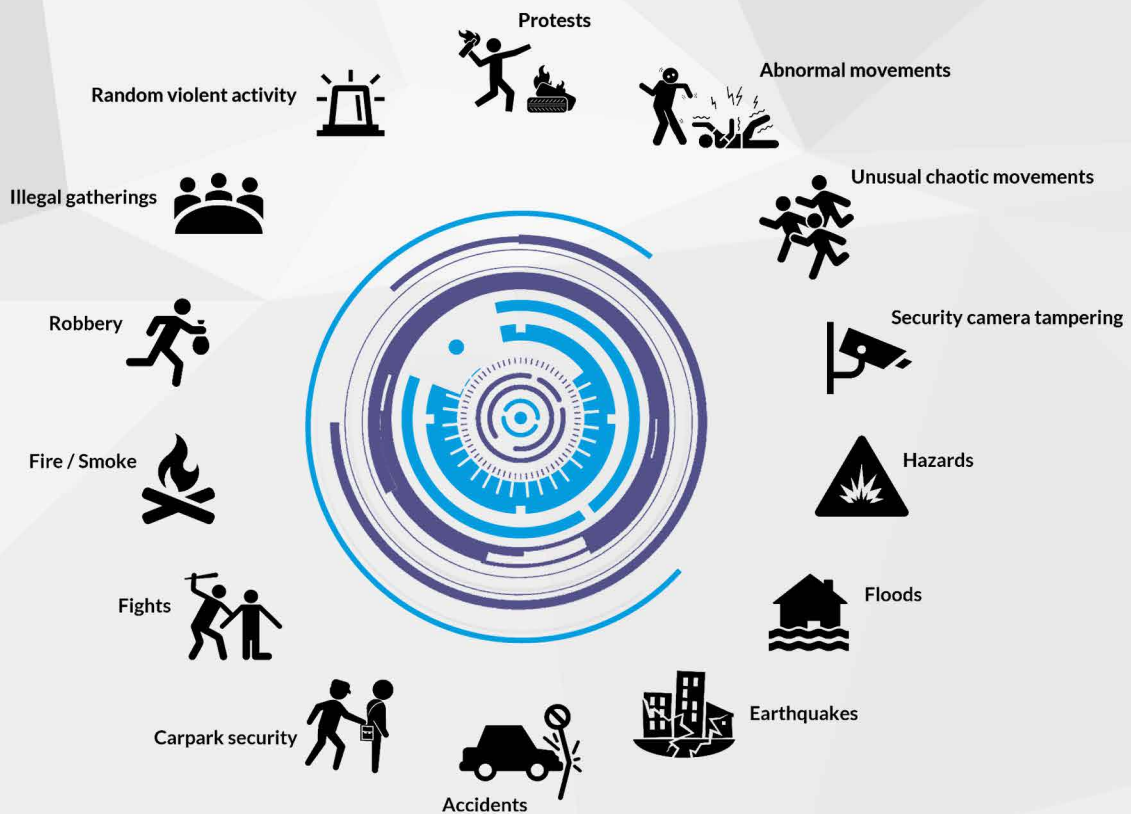
- Filters out 99% of normal motion
- Tap on the shoulder
- Proactive, Real-time Surveillance
- Increased Situational Awareness

# Benefits of ARVAS



## Detect Unlimited Range of Anomalies with ARVAS

With self-learning capability, ARVAS can adapt to different environments and detect unlimited range of anomalies across all sectors to improve situational awareness and to detect the unknown



**ARVAS is a smarter & more powerful way to do surveillance.**

ARVAS has integrated with Major Leading Video Management Systems

**AVIGILON™**



**milestone**

**Genetec**

