

## **Vi Dimensions' Smarter Surveillance**

In cities already filled with cameras for surveillance, it is incredible how ineffective and inefficient current systems are in tackling new emergent security threats.

Everyday, over 99% of surveillance videos being recorded are never watched by anyone. This wealth of information creates zero value as they are not translated into any actionable intelligence.

Many of today's systems use a rule-based approach where users specify what they are looking for. This method is counter-intuitive because abnormal events are by nature highly unpredictable.

### **Moving beyond Detection to Discovery.**

Times have changed and we thought surveillance should evolve too. At the core of Vi Dimensions' smart surveillance is the revolutionary ARVAS system. Through the use of machine learning, ARVAS discovers hidden patterns and connections that would otherwise have gone unnoticed.

### **Self-Learning**

We use autonomous machine learning which does not require users to specify the rules for finding abnormalities and potential threats.

### **Big Video Data Analyses**

Being autonomous, ARVAS provides the means to automatically analyze hours of video footage easily and quickly.

### **Complex Surveillance**

As the video monitoring is handled by the machine, multiple motion patterns can be analyzed simultaneously. For example, large crowds in public spaces.

### **Easy Integration**

ARVAS can be easily integrated with different kinds of surveillance cameras, video management and video analytic

### **Enhanced Capability**

Less false alarm, more real time potential threats based on anomaly discovery. This could include real-time identification of safety and security threats such as theft, system breakdowns or illegal driving.

### **Easily Deployed**

Just point ARVAS to one area and let it learn and detect autonomously without the need for specifying rules.

### **Optimized Results**

Our smart technology drives more actionable insights and value from your daily streaming

### **High Manpower Savings**

Less operators are needed to effectively monitor large number of cameras.  
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