Intelligent Surveillance
Surveillance Made Smarter

Surveillance systems are essential to record activity in facilities, parking garages and businesses; but unless they are actively monitored, your insight comes after the fact. Amano McGann’s new Video Analytics system transforms your surveillance system into a tool that monitors activities for you - from recording accurate vehicle or people counts, to sending real-time alerts when intrusion, directional violations or other defined issues occur.

Amano McGann takes security beyond basic motion detection to a full featured Video Analytics System. The system detects specific objects rather than responding only to movement giving it the ability to differentiate between a tree limb and a human or a car and a shopping cart. The system is unaffected by change in lighting, movement, and shadows leading to more accurate counts and reduced false alarms.

How Does It Work?

Our Video Analytics solution fully integrates with Amano’s Video Management System and is compatible with a wide range of CCTV platforms. The analytics can reside on the recorder or “at the edge” on the camera itself. Using nothing more than a web browser, the user configures system rules and parameters; defining what type of activities trigger alerts, alarms or other actions.

To aid in monitoring on large sites with many cameras, personnel see color-coded annotations, including bounding boxes around monitored objects or people and object trails that outline directional paths. All of this information is also stored on the recorder for further review or violation enforcement.
Powerful Analytics Add Value

Amano McGann’s Video Analytics solves problems and provides insight to industries of all types. Whether you want data on people or vehicles, or to be the first to know if something out of the ordinary occurs, our system delivers.

Counting Cars in a Parking Garage
The Video Analytics solution only counts real vehicles moving in a particular direction and ignores pedestrians or shopping carts. Direction filtering provides for single direction or bidirectional counting.
- Integrates with iParcProfessional software for a real-time view of lot activity from any web browser
- Level count signs give patrons more accurate open space data

Tracking Tailgating
Allow designated individuals to enter your facility after hours and be alerted when unauthorized visitors trail behind.
- Camera is tied to the card reader, providing enhanced building access control for intruders in a vehicle or on foot
- One card means one person or vehicle enters
- System continues to track objects as they pass each other providing an unbroken trail
- Alerts are triggered if tailgating occurs

Boundary Intrusion and Object Detection
Airports, hospitals and numerous corporate and government facilities have restricted areas, accessed only by specific, credentialed personnel.
- Create a virtual boundary line or zone around the facility’s perimeter
- Analytics can trigger a relay, siren or voice notification if someone enters a protected area
- Email or text event notifications to the appropriate individuals on the spot
- System watches for abandoned objects and object removal

Counting Retail Customers
Proper retail staffing can mean the difference between happy customers and lost sales. Give your customers better service and increase revenue by closing more sales.
- Count the number of individuals entering your store
- Identify trends for more effective staffing
- Monitor specific store displays or end caps
- Alert extra personnel when a predetermined number of people collect at a designated zone

These examples represent only a few of the ways Video Analytics enable you to capture the real-time data you need to improve service, reduce loss and protect your business.
Analytic Rule Features:

- Enter and exit detection
- Object counting
- Stopping detection
- Dwell detection
- Directional detection
- Color detection
- Tamper detection
- Smoke and fire detection
- Tailgating detection
- Object classification
- PTZ auto-tracking
- Video stabilization
- Abandoned or removed object detection

Intuitive Web-Based User Interface

Rules and actions are easily configured through the web-based GUI as well as all aspects of camera configuration. Live metadata transactions are shown as the analytics are triggered. Direct access to an online help application will ensure smooth implementation of the system.

Make the Intelligent Choice

For more information on Amano McGann’s Video Surveillance, to see demonstrations, or to discuss your company’s needs contact the Amano McGann Security Division at 800.390.5837.