

SAIMOS® Control Center



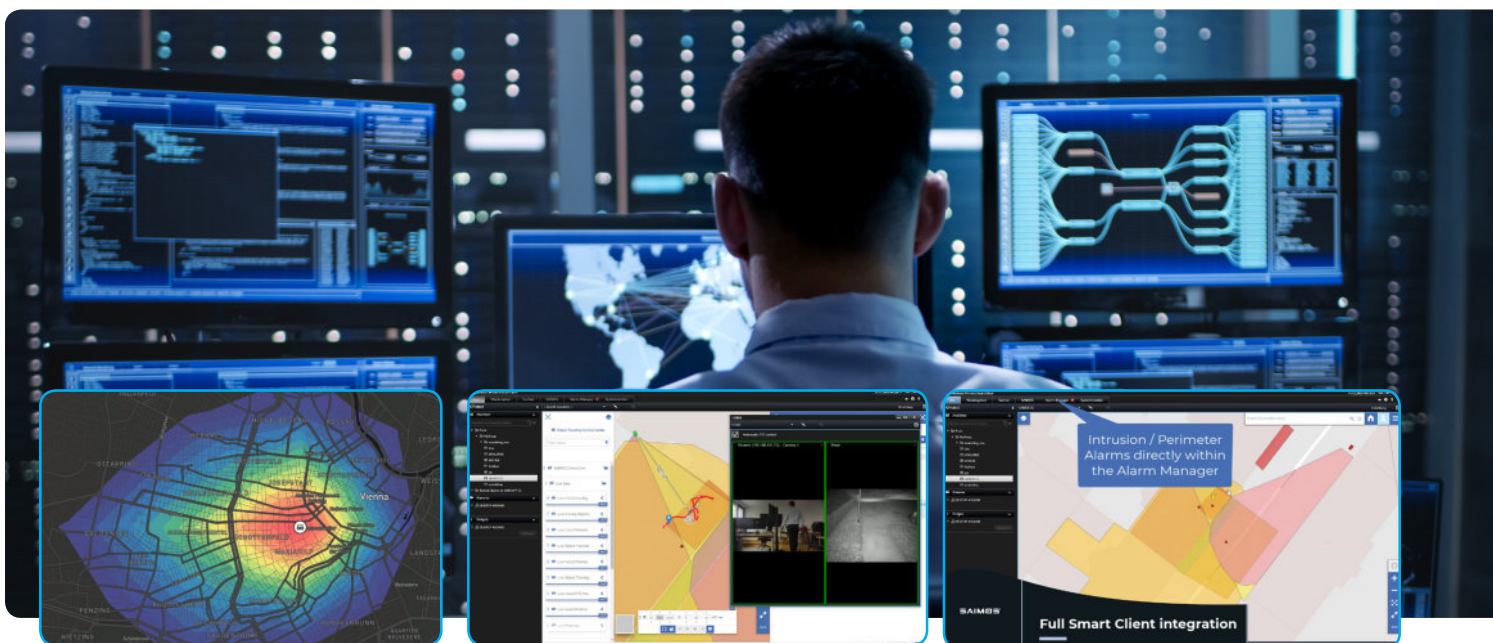
SAIMOS® Control Center provides enhanced Situational Awareness by combining VMS, Video Analytics and Sensor Data with geospatial analytics within a GIS environment (outdoor & indoor).

SAIMOS® Control Center integrates Video Analytics, LiDAR, Radar and a GIS environment into Milestone XProtect to provide operators an enhanced Situational Awareness. The XProtect integrated map-centric display provides relevant Alarms and Events to operators. Functionalities like **Perimeter Protection / Intrusion Detection / People Counting / Occupancy / Face Analytics / LPR** are available within SAIMOS® for various usages. The goal is to optimise OPEX as well as the security of assets.

The following functionalities are seamlessly integrated into **Milestone XProtect®**:

- Real-Time object movement display on a map
- Cross-Camera Object Tracking / PTZ camera control
- Perimeter protection / Intrusion detection
- Counting / Occupancy / Heatmapping / Statistics
- Proximity Detection
- Recording, review and analytics of historical data
- Full-fledged GIS / Individual base maps
- Live weather forecast data
- GPS coordinates from vehicle tracking systems
- GPS coordinates of guard positions
- Arming and disarming alarm zones via map UI
- Locate position of sensors, e.g. cameras, LiDAR and Radar devices, fire and smoke detectors, etc.
- Automatic calculation of the routing based on isochrones
- Possible integration into existing control center solutions

Please contact us for further details: contact@saimos.eu ■ www.saimos.eu



Use Cases

<p>Transportation</p>	<ul style="list-style-type: none"> ■ Secure and protect restricted areas, rails, stations, assets, etc. ■ Alarms on non-authorized use of reserved lanes and illegal parking ■ People tracking from curb to gate ■ Monitor Emergency exits ■ Occupancy / Heatmap / Queue Management ■ People Counting / Frequency ■ Cross camera object tracking / PTZ-Camera control ■ Proximity detection / Density statistics <p><i>Please see further use-cases for Smart City / Safe City as outlined below</i></p>
<p>Critical Infrastructure</p>	<ul style="list-style-type: none"> ■ Visualize assets / construction areas on a map ■ Perimeter protection for assets / construction sites ■ Secure construction sites with temporary installation ■ Secure access to critical areas ■ Protect distribution networks / unmanned stations ■ Optimize emergency evacuation scenarios ■ Optimize people / vehicle flow <p><i>Please see further use-cases for Smart City / Safe City as outlined below</i></p>
<p>Smart Buildings</p>	<ul style="list-style-type: none"> ■ Perimeter protection of entries, greens, air-intakes, etc. ■ Secure isolated stair-cases from unwanted usage/intrusion ■ Control light or AC by occupancy to save energy ■ Identify blocked Emergency exits ■ Identify long term loitering or fast objects in certain areas ■ Optimize evacuation scenarios by having real-time occupancy per zone ■ Identify false direction violations ■ Integration with Digital Signage ■ Collect business Intelligence without PII ■ Optimize manpower due to automated alarm notifications ■ Increase operational quality due to minimum false alarm rates ■ Time saving event filtering during incident investigations <p><i>Please see further use-cases for Smart City / Safe City as outlined below</i></p>
<p>Smart City / Safe City</p>	<ul style="list-style-type: none"> ■ Monitor the city more efficiently with geographic situational awareness ■ Monitor traffic (humans / vehicles) for BI and optimization ■ Identify false direction violations / red light violations ■ Facilitate traffic light management ■ Speed detection ■ Monitor the length of vehicle queuing in front of a red light ■ Monitor the vicinity of people towards the road on a red light ■ Automatic route calculation and optimization for guard service ■ Route optimization for emergency / alarm-handling drives ■ Automatic display of nearest guard based on travel time ■ Assign & Command the selected guard to handle the alarm ■ Triggering of direct reactions (e.g. alarm voice message) ■ Reduction of personnel time and annual driven mileage ■ Significant cost savings and improved efficiency ■ Optimizes Enterprise Alarm Management Process ■ Support for better decision making and optimal reaction ■ Better coordination of security guards by using the SAIMOS® Guard App ■ Automatic Reports generation utilizing collected metadata