



SafeAll CSIM Platform

Document Version 2.0

CSIM is a provider of Converged Security & Information Management solutions. We've helped organizations streamline their security operations to reduce risk, manage security events in real-time and respond to incidents more effectively. Simply put, we make situation management simple.



Simplifies situation management
improves situational awareness



Standard library of
Integrations



Workforce Multiplier



Information Workflows



Protects + tracks business
assets



Improves collaboration
resource sharing



Reduces operational costs



Resolves incidents faster



Facilitates interoperability



Trusted Partner

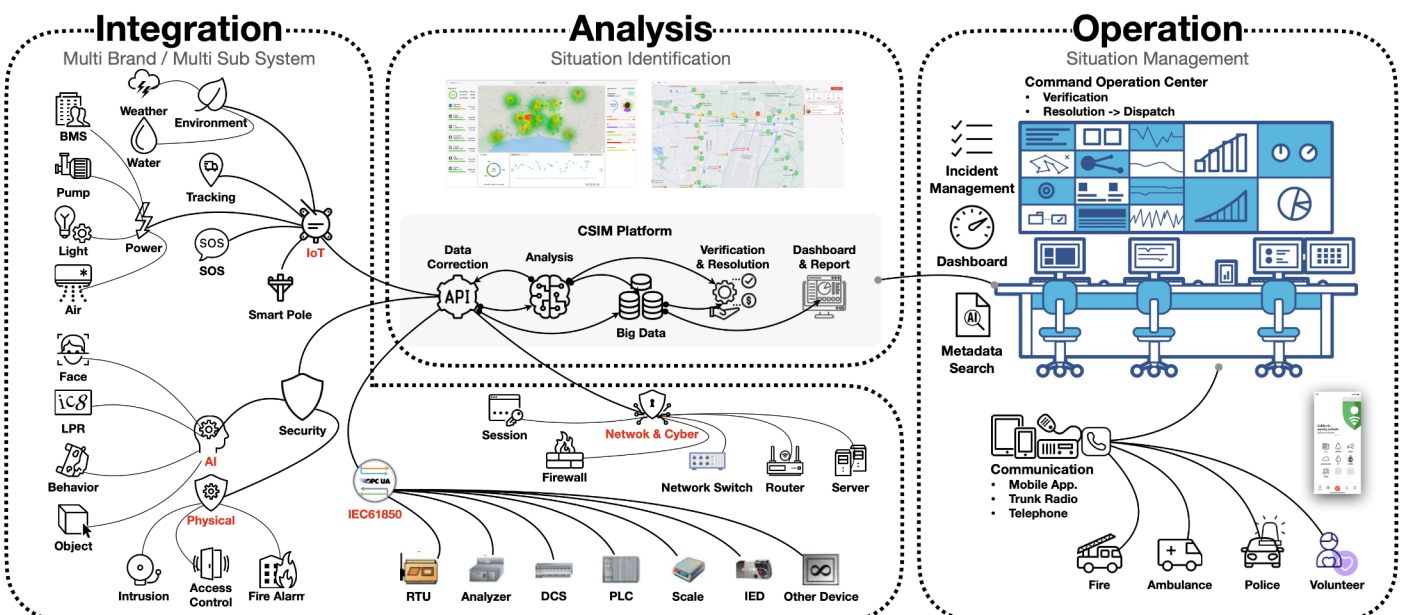
SafeAll CSIM Platform

Key Feature

- **Data Collection:** CSIM gathers data from various security systems and sources such as CCTV cameras, access control systems, intrusion detection systems, sensors, and other security devices. It can receive real-time data feeds or import data from existing systems.
- **Analysis and Visualization:** CSIM performs analysis on the integrated data, generating actionable insights and meaningful visualizations. It offers reports, graphs, and maps that allow users to comprehend and respond to security events in real-time.
- **Data Integration:** CSIM integrates the collected data to create a comprehensive and correlated view of security events and incidents. It enables the identification of patterns, relationships, and trends across different data sources, enhancing the overall understanding of security situations.
- **Alerting and Event Management:** CSIM identifies critical events and triggers alerts or notifications to designated users or response teams. It provides necessary information for timely response and effective situation management.

Benefits

- **Improved Situational Awareness:** CSIM enhances situational awareness by aggregating and analyzing security data, providing a comprehensive view of security incidents and trends.
- **Efficient Security Operations:** By centralizing data and streamlining workflows, CSIM optimizes security operations and response efforts, enabling faster and more effective decision-making.
- **Enhanced Situation Response:** With real-time alerts and comprehensive information, CSIM enables swift and targeted responses to security incidents, minimizing potential risks and damages.
- **Scalability and Flexibility:** CSIM is scalable and adaptable to accommodate evolving security requirements and can integrate with existing security systems and technologies.
- **Data-driven Insights:** CSIM leverages data analysis and visualization to uncover valuable insights, enabling proactive security measures and continuous improvement.



Feature

CCTV Integration

- Connectivity to camera and video encoders supports MJPEG, MPEG4, MPEG4 ASP, H.264 and H.265.
- Support digital zoom function for live and playback images.
- Access your cctv system from any recorder, anylocation at same time.
- Live & Playback supporting up to 256 cameras simultaneously from any recorder.
- Sequence function allows a specified view to rotate between pre-defined cameras and views.
- Recorder integration support Milestone, Aivgilon, Axxon, Axis Camera Station, Hikvision, Dahua and UNV

Physical Security Integration

- Support integrated Access Control System, Fire Alarm System, Intrusion System, GAS Detector System and Building Automation System

AI Metadata Integration

- Face Recognition keep data is time, face capture, id and status (vip/white/black list)
- LPR Recognition keep data is time, lpr capture, license plate, province status (vip/white/black)
- Objects Attribute Detection keep data is car(type, color), people(shirt/pants color)
- Can search metadata information, cameras and playback video from camera

Cyber Security & IoT Integration

- Support integrated Firewall and Session Management system.
- Support integrated IoT sensor via standard protocol

Integration Standard

- API (JSON, SOAP, RESTful)
- MQTT, SNMP, POP3, SIP
- BACnet, OPC, Modbus, SQL, Log File
- RTSP, ONVIF over RTSP

Health Monitor System

- Camera (Up/Down)
- DVRs, NVRs, VMSs (Camera Loss/HDD fail)
- Network (Port Up/Down)
- Server (Up/Down) (Service Start/Stop)
- IT infrastructure (server, periphery and

Google Map

- Marker (Icon and alarm Symbole) and Traffic display
- KMZ support (police station, hospital, camera field of view camera)
- Zoom In/Out
- Location and marker search
- Icon action is control computer, view camera, control i/o, open map and send api
- Display the Network Switch icon and can run Telnet and SSH (Secure Shell) commands.
- Display E-Map icons in Google Map to open and use E-Map in order to display indoor maps.

E-Map

- Icon and Alarm Symbole Multi-level maps, Zoom In/Out
- Line, Box, Ellipse, Image, Text, Ruler, Angle, Polyline, Memo and Line label support
- Location and marker search
- Icon action is control computer, view camera, control I/o, open map and send api

User Management

- Able to set usage rights for each user to be different
- Username and password protection

Feature

Virtual Wall

- Combines physical monitors to one display or divides one physical monitor to multiple displays. It supports any kinds of data source such as Video, Map, Graphic image, etc.
- Control any display monitor connected to the networked to display CCTV images and map shows the location of the device with the alarm.
- Advance layout can design custom layouts and support snap to grid function to virtual matrix monitor on runtime.
- Advanced control support pixel control independent, full screen and normal screen on TV wall and Virtual Matrix Monitor with “mouse click”
- Matrix Profile is the system configured and provide map, video and device alerts to any monitors display in the system. Simultaneously all schedule display monitor, video signals, maps and device alerts.

Dashboard & Report

- Device Health Status: Quick indicators (like green, yellow, red) showing the health or status of each device.
- Device Summary: A total count of devices, possibly broken down into types or categories.
- Device Location Mapping: A geographical map plotting the location of devices, especially useful for dispersed or remote devices.
- Situation Summary: A summary of all the situation triggered during a specified period, categorized by severity or system.
- Generate summary reports of situation resolutions, with options to print or save the data in Excel or PDF formats for future reference and analysis.

Situation Management

- Situation alert display on google/e-map (Multi-level maps)
- Display information (time, location, latitude, longitude, situation, device and live/ snapshot/playback camera)
- Provides standard operating procedures (SOPs), step-by-step instructions based on best practices and an organization’s policies
- Support situation state type Todo, Doing, Block and Done
- Features a situation prioritization module, enabling users to assess and rank the urgency and importance of each situation for targeted and timely responses.
- Robust tracking capabilities to monitor officer performance, meticulously logs each step taken during an operation, and features a search functionality for quick retrieval and review of historical actions

Standard Operating Procedures (Sops)

- Create/Edit/Export workflow is security operation procedures designed to accommodate various roles within the organization, ensuring that each type of officer has a tailored set of processes that aligns with Security Operation Procedures (SOPs). This role-specific workflow optimization ensures effective situation management while maintaining compliance with established security protocols.
- Display form confirm situation true/false and can select situation type.
- Display and search phone book relative to the situation
- Display history SOPs relative to the situation
- Notifications to email, line app, sip protocol and virtual matrix monitor.
- Display form summary situation.

Feature

Client

- Supports multi-monitor functionality, enabling the display of maps, camera views, situation management and dashboards across four separate screens for enhanced situational awareness and operational efficiency.
- The system supports the capability to activate cameras directly from the map interface, and allows the flexibility to transfer the camera feed to an alternate screen for focused monitoring.
- Users to selectively view camera feeds from the situation location or its surrounding areas, providing real-time visual insights for a more informed response to the situation.
- Display the Network Switch icon and can run Telnet and SSH (Secure Shell) commands.

License

- This software is licensed in full accordance with prevailing legal and regulatory frameworks, ensuring comprehensive compliance and user rights protection.

