

SECUREOS

Security Integration Platform for Comprehensive Safety

SECUREOS is an advanced and comprehensive security system designed to integrate multiple security components, including CCTV, access control, fire alarm, video analytics, IoT, and more. With its robust features and user-friendly interface, SecureOS offers a centralized solution for efficient security management, ensuring the utmost safety and protection for various environments.

Benefits

- **Enhanced Security:** SECUREOS integrates multiple security components, providing a comprehensive security solution for your environment. By combining CCTV, access control, fire alarm, video analytics, and IoT, SECUREOS strengthens your security measures and improves threat detection and response capabilities.
- **Centralized Management:** With SECUREOS, you can manage and monitor all security systems from a centralized platform. This allows for streamlined operations, efficient resource allocation, and quick access to critical information, enhancing overall security management.
- **Real-time Monitoring:** SECUREOS enables real-time monitoring of CCTV feeds, access control events, fire alarms, and IoT devices. This ensures prompt detection of security incidents, enabling swift response and mitigating potential risks.
- **Scalability and Flexibility:** SECUREOS is scalable and adaptable to various environments, whether it's a small office or a large enterprise. Its modular design allows for easy integration with existing security systems and future expansion as your needs evolve.
- **Advanced Analytics:** SECUREOS leverages intelligent video analytics and data analysis to extract meaningful insights from security data. This enables proactive identification of security patterns, suspicious activities, and potential threats, empowering you to take preventive measures.
- **Improved Efficiency:** By centralizing security management and automating processes, SECUREOS enhances operational efficiency. It reduces manual efforts, minimizes errors, and optimizes resource utilization, resulting in cost savings and improved productivity.
- **Comprehensive Reporting:** SECUREOS provides detailed reports and analytics on security incidents, system performance, and trends. These reports enable informed decision-making, performance assessment, and compliance monitoring.
- **Data Security and Privacy:** SECUREOS prioritizes data security and privacy, employing robust encryption and authentication mechanisms. It ensures compliance with industry standards and regulations, safeguarding sensitive information from unauthorized access.

Comprehensive Security Management

- Integrate with various security devices and systems, such as CCTV cameras, recorders, access control systems, intrusion detection systems, fire alarms, network i/o, and video analytics. This allows for centralized monitoring and control of multiple security systems from a single interface.
- Aggregate data from different sources and systems, including security devices, databases, and external applications. This enables the correlation and analysis of data from various sources to provide a holistic view of the security environment.
- Receive and process events and alarms from integrated systems. It can consolidate and prioritize alarm notifications, allowing operators to quickly identify and respond to critical events.
- Provides a centralized management platform that enables administrators to configure and manage integrated systems from a single interface. This includes device configuration, user management, access control settings, and system-wide policies.
- Data synchronization between integrated systems. This includes real-time updates of device status, access control permissions, and user information across different systems, ensuring consistency and accuracy of data.
- Automate workflows and processes across integrated systems. This includes defining rules and triggers for automated actions, such as initiating specific responses based on predefined conditions or events.
- Generate comprehensive reports and analytics by consolidating data from integrated systems. This provides insights into security trends, incidents, and system performance, facilitating informed decision-making and proactive security measures.
- Application Programming Interface (API) and Software Development Kit (SDK) support, allowing seamless integration with third-party systems and custom applications. This enables further customization and expansion of the system's capabilities.
- Designed to be scalable and adaptable, allowing for the seamless integration of additional systems and devices as security needs evolve. This includes the ability to scale the system by adding more cameras, recording devices, networking equipment, client computers, and other relevant devices. Provides the flexibility to accommodate the integration of new technologies and expand the system's functionality to meet changing security requirements.
- Allows for central camera monitoring from multiple sites, multiple servers, and multiple recorders. This means that you can monitor and manage cameras located across different locations or sites from a centralized interface. It supports a distributed architecture where multiple servers and recorders can be connected to the system, enabling efficient monitoring and control of cameras from a single point of access.
- Seamlessly integrate and manage cameras, encoders, and other security devices that adhere to ONVIF and PSIA standards.
- It seamlessly integrates with video management and recording management software, ensuring smooth and efficient operation.
- Allows you to monitor the status and availability of network devices in real-time. It provides essential information about the connectivity and health of network devices, ensuring the smooth operation of your security network.
- Provides a comprehensive and detailed record of all events and activities within the system. It serves as a centralized repository for tracking and reviewing system events, user actions, alarms, and other critical information.

Incident Management

- Include a feature for reporting and documenting security incidents. Users can create incident reports, providing details such as date, time, location, description, and associated video footage or images. This helps in organizing and documenting security-related events for future reference and analysis.
- Integrate with various alarm systems, such as intrusion detection systems or fire alarms. When an alarm is triggered, it can generate real-time alerts within the system, display alarm notifications on the interface, and initiate predefined actions or workflows for efficient incident response.
- Workflow automation capabilities to streamline incident response processes. It enables the creation of customized workflows that define the sequence of actions to be taken when specific events or incidents occur. This can include notifying security personnel, escalating the incident, dispatching emergency services, or performing specific tasks based on predefined rules.
- Include resource management functionalities. It allows users to allocate and manage resources efficiently during incidents, such as assigning personnel, equipment, or emergency response teams to specific incidents or areas. This helps in optimizing resource allocation and response times.
- Incorporate Geographic Information System (GIS) mapping capabilities. It enables the visualization of incidents, alarms, and camera locations on a map interface. This helps operators and security personnel to quickly assess the geographical context of incidents and make informed decisions for effective response.
- Include communication and collaboration tools to facilitate coordination among security teams during incidents. It may include features such as instant messaging, voice communication, or video conferencing capabilities to enable real-time communication and collaboration between different stakeholders.
- Provide tools for analyzing and reporting on security situations. It can generate comprehensive reports, statistical data, and visualizations to help identify patterns, trends, and areas of improvement in incident management. This supports decision-making and future security planning.
- Allowing security personnel to access situation management features on their mobile devices. This enables real-time monitoring, incident reporting, and response actions even while on the move.
- Supports various notification channels to cater to different user preferences and ensure maximum reach. Users can choose to receive notifications via email, SMS, sound, video wall, camera popup or through a dedicated mobile app. This flexibility allows users to stay connected and receive alerts wherever they are.
- Allows users to create and customize Standard Operating Procedures tailored to their specific security requirements. Users can define step-by-step instructions, guidelines, and checklists for different types of incidents or security operations.
- Users can easily access, review, and update SOPs as needed. The repository ensures that the latest versions of SOPs are readily available to authorized personnel.
- Assignment of SOPs to specific incidents or security tasks. When an incident occurs, relevant SOPs can be automatically assigned to guide the response process. Notifications can be sent to assigned personnel to ensure their awareness and prompt action.
- The system tracks the adherence to SOPs during incident response and security operations. Users can monitor the completion of each step and ensure compliance with established procedures. Any deviations or non-compliance can be flagged and addressed promptly.

FEATURE

Video Management

- Allows you to add, configure, and manage multiple cameras within your surveillance network. It provides tools for camera discovery, configuration settings, and camera grouping.
- Enables real-time monitoring of video feeds from connected cameras. It allows you to view multiple camera feeds simultaneously, switch between different cameras, and customize the layout of the live view screen.
- Allows you to schedule or continuously or motion detection record video footage from cameras and store it in a centralized location. It provides options for setting video quality, resolution, frame rate (1-30 fps), and storage duration. Additionally, VMS systems often support various storage options, such as local storage, network-attached storage (NAS), or cloud storage.
- Allows you to retrieve and review recorded video footage. It provides playback controls for searching, pausing, rewinding, and fast-forwarding through recorded video. VMS systems also offer search functionality, allowing you to search for specific events or incidents based on date, time, camera, or motion detection.
- Includes motion detection algorithms to identify movement within camera frames and pre/post event recording. It can send real-time alerts or notifications to users when motion is detected in specific areas or cameras, helping to detect potential security threats or incidents.
- PTZ cameras allow users to remotely control the camera's movement (pan, tilt, and zoom) for enhanced surveillance capabilities. It enables preset to adjust the camera's field of view and focus on specific areas of interest.
- Provides tools to manage and respond to security events or incidents. It allows users to define rules and triggers for specific events, such as motion detection, camera tampering, or system alarms. VMS can generate event logs, notifications, and initiate predefined actions or workflows in response to events.
- User management functionalities to control access and permissions for different system users. It allows administrators to create user accounts, assign roles and permissions, and manage user authentication methods for secure system access.
- Incorporate video analytics capabilities. This includes features like people counting, license plate recognition, facial recognition, object tracking, and behavior analysis. Video analytics enhance the system's ability to extract meaningful information from video footage and automate certain surveillance tasks.
- Seamlessly integrate with over 1200 IP cameras, encoders, and select DVRs from more than 10 different manufacturers. This extensive compatibility allows for flexibility in choosing equipment and ensures interoperability within your security system.
- Provides seamless connectivity to a variety of cameras and video encoders supporting popular video compression formats such as MJPEG, MPEG4, MPEG4 ASP, H.264, and H.265.
- Fine-tune the motion detection sensitivity for each camera. You can manually adjust the sensitivity levels based on your specific requirements or choose an automatic setting that adjusts the sensitivity dynamically. This allows for accurate and reliable motion detection, ensuring that important events are captured while minimizing false alarms.
- View live video or playback recorded footage from a range of 1 to 256 cameras per computer monitor, depending on the hardware capabilities. The software provides the flexibility to configure the number of cameras from difference recorders that can be displayed on a single monitor, allowing you to customize your viewing experience based on your specific needs and monitor capacity. Whether you need to monitor a few critical cameras or have a comprehensive view of multiple cameras, Adapts to your hardware capabilities, providing an efficient and user-friendly surveillance experience.
- Allows you to export video footage or images from the system and save them to an external storage device. You can specify the destination folder or external storage location where you want to export the files, such as a USB drive, network-attached storage (NAS), or a designated network location.