All-in-one security management

Siveillance Vantage is specifically designed for use in critical infrastructure like airports, ports, mass transportation, energy as well as chemical and pharmaceutical, heavy industries or campuses, e.g. in higher education. As an integral part of the Siveillance family, this solution provides reliable, scalable and efficient security management by combining multiple safety and security subsystems with command and control functions. This unique approach enables fast and effective decision making for managing daily routine operations and time-critical processes, as well as crisis and emergency situations.

Open and flexible integration

Using open interfaces and powerful integration means, Siveillance Vantage integrates various subsystems such as access control, video surveillance, fire alarm systems, emergency call systems, telephone, radio communication, first aid functions, etc. These subsystems are traditionally run independently of each other or as interdependent systems. Siveillance Vantage is the first one-platform solution for security managers with an enhanced situational awareness, streamlined operations and better response coordination.

Intuitive graphical user interface

Using a Geographic Information System (GIS), incident locations or the actual status of resources are automatically displayed on maps or site plans. Resources and important assets can be located on floor plans even within a building. Supporting or forecasting is displayed as needed, thereby ensuring user-friendly operation. Situational awareness can further be enhanced by integrating Siveillance SiteIQ Wide Area, the innovative solution for intelligent video analytics and site protection. Seamless integration between the two systems drastically improves the security of your site.

Increased effectiveness while minimizing errors

Well-defined security policies are essential for running operations in critical environments. Detailed activity and resource plans need to be developed for a broad array of possible incidents and scenarios. Siveillance Vantage fully conforms to the specific corporate security policies and offers a role-based user concept, defining appropriate actions and controls for each user. In crises and time-critical processes, crises and emergency situations, the dramatically reduces the incident response time and minimizes potential errors in the decision making process.

Highlights

- Comprehensive service
- Easy operation through web-based user interface
- High reliability through proven redundancy concepts
- Workflow-based decision cycle
- Fully customizable to align with all relevant security policies
- Complete situational awareness
- Integrated command and control
- Unique approach enables fast and effective decision making
- Well-defined security policies
- Integrated video analytics
- Streamlined operations and faster response time
- Seamless integration between Siveillance Vantage and Siveillance SiteIQ
- Minimizes errors in the decision making process

Siveillance Vantage secures your critical infrastructure

Integrated security management with reliable and coordinated response for emergency and routine procedures.

When building technology creates perfect places – that's Ingenuity for life.

Never too cold. Never too warm.
Always safe. Always secure.

With our knowledge and technology, our products, our solutions and our services, we turn places into perfect places.

We create perfect places for their users’ needs – for every stage of life.

#CreatingPerfectPlaces
siemens.com/perfect-places
Ensuring security, safety, and business continuity

From protecting employees, local communities or corporate reputation to preventing financial losses due to production disruptions, today’s companies are faced with a multitude of security-related challenges: any disruption to production, business processes or services, whether it is accidental or a deliberate attempt to cause damage or theft, costs companies billions of dollars every year, not to mention the potential cost to human lives or the environment. The safety of your staff and the community as well as maintaining business continuity requires effective planning, communication and resource coordination of all actions from a single point.

As part of the Siemens Siveillance™ portfolio, the command and control solution Siveillance Vantage™ is specifically designed to support security management at critical infrastructure sites, industrial complexes, campus-type environments or multi-site applications. It offers a web variety of functions supporting the management of detection and various alarm systems. Signal processing and supervision is handled with dedicated consoles, to ensure that the most critical alarms are seen first. This allows Siveillance Vantage to easily adapt to complex customer system structures and requirements.

Open interfaces

Siveillance Vantage utilizes standardized, open interfaces to flexibly connect a wide variety of customer-specific subsystems. OPC is one of the most popular standards in process automation that provides consistent access and integration of information via a defined protocol, enabling communication with subsystems. Additionally, a powerful Software Development Kit (SDK) is used to tailor interfaces using open, state-of-the-art SOAP*-based communication. ASP, the open interfaces to flexibly connect a wide variety of customer-specific subsystems. The open architecture of Siveillance Vantage also offers integrated control for communication with the various alarm and communication systems and subsystems. Furthermore, it is possible to automatically release the subsystems’ engineering data and match sensor locations to floor plan drawings, provided that information is available in a structured way.

Flexible architecture

Siveillance Vantage offers a wide variety of functions supporting the management of detection and various alarm systems. Signal processing and supervision is handled with dedicated consoles, to ensure that the most critical alarms are seen first. This allows Siveillance Vantage to easily adapt to complex customer system structures and requirements.

Due to the modular structure, high flexibility and modular enhancements, Siveillance Vantage can be adapted and extended easily to cope with any challenge.

Cope better with any challenge

Alarms management

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Integrated communication functions

Through third-party integrations, selected communication functions can be used directly in Siveillance Vantage allowing critical infrastructures operators to manage their resources effectively.

For any incoming phone call, the system recognizes the caller’s number and – if configured to do so – routes the call to a dedicated team of operators according to the requested service. Caller data, such as name and location, are identified and the location is displayed in the GIS.

Siveillance Vantage also offers integrated control for communication with the various alarm and communication systems and subsystems. Additionally, a powerful Software Development Kit (SDK) is used to tailor interfaces using open, state-of-the-art SOAP*-based communication.

Flexible architecture

Based on robust architecture, the platform supports multiple detection functionalities such as video analytics, fire detection, smoke and heat detection, intrusion detection, access control, perimeter detection, gate control, video analytics, such as Siveillance Vantage Mobile Web client can be implemented.

Advanced operators’ management

In addition to the predefined display of alarms and incidents, each signal can be associated with defined actions, which are then proposed to the operator, depending on the actual situation. These actions fully follow the predefined security policy. The progress and completion of these tasks is logged in the database and can be used for continuous improvement of the security operation.

Coverage of large geographical areas

Siveillance Vantage fully supports the management of large areas or multiple site applications. As based on a client-server architecture, the system allows for an efficient large geographical areas. Intranet or extranet access allows for distributed management of systems and support of larger organizations and processes.

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Sieveillance Vantage is the ideal solution for critical infrastructure.