



SMI Server

Integrated system for comprehensive security management



Smart Intrusion Solutions

Optimizing your security management with a single system for multi-function supervision

No company, whether it is in the private or public sector, can afford to ignore the importance of protecting its premises, goods, information and staff. Access control, intrusion detection and CCTV are the fundamental starting-points of a security system to protect against unauthorized accesses and intrusions from the outside. Being able to act and react in real time across all these functions is also essential.



Gunnebo has developed an integrated electronic security system based on its well-established know-how and solid experience with customers. Built on a single supervision system that responds to your security management and tracking issues, SMI Server offers you a comprehensive, real-time view of all your sites and the security functions in place at each one.

SMI Server provides local, remote and real-time supervision of advanced access control, intrusion detection and CCTV functions.

SMI Server is a fully modular, scalable system that can be adapted to suit all configurations, from the most basic to the most advanced and to all kinds of architecture, from the simplest to the most complex.

SMI Server adapts perfectly to high-risk, multi-site business environments in the industrial and service sectors: airports, nuclear plants, military zones, public services, administrative buildings, business centres, universities, embassies...

Complete, flexible and powerful system

SMI Server includes sophisticated functions such as graphic supervision, multi-site management and multiple properties, as well as a web-based operating interface.

Data optimisation

Developed using Microsoft's latest technologies (.NET, Silverlight, etc.), SMI Server uses a SQL Server database that combines powerful sorting, the ability to manage complex logic controllers and simplified operation.

Intelligent and autonomous terminals

SMI Server connects with intelligent locally installed terminals that provide security (access control and intrusion detection) and local logic controller management functions, while being able to operate in standalone mode if their communication with central system is interrupted.

Comprehensive operating interface

An intuitive, user-orientated interface for managing the whole system. Designed to tackle various configuration and operational issues, it offers a simple, user-friendly experience.

Durability and compatibility

The flexibility of the system helps ensure perfect compatibility with existing older-generation equipment and adapts easily to the changing needs of companies.

SMI Server is based on a number of modules that cover the full range of companies' security requirements

Access Control Module

As a leader in the area of identification and authentication, Gunnebo offers a comprehensive system to regulate, manage and control movements of people and accessibility to particular areas. SMI Server offers access control for pedestrians and vehicles on the basis of predefined rights.

Incorporating a number of identification technologies available on the market (magnetic stripes, bar codes, proximity cards, 125 KHz, MSPASS, Biometrics, Mifare®...), Gunnebo's SMI Server solution can manage systems from single access to multi-site environments.

- Hierarchically organized access rights management
- Anti-passback (delayed and/or geographic), counting and location by zone
- Car park management (reading of vehicle license plates), lift management
- Double swiping, access confirmation/viewing
- Electrical personalisation of cards (Mifare®) for secure tag management and/or biometrics
- Graphic personalisation of cards
- Local and/or global logic controllers (specific operations, slave control of several doors...)
- IDLock, "off line" access systems
- Powerful and upgradable tools for sorting, searching and bulking-editing users and cards



Intrusion Detection Module

SMI Server provides intrusion detection, management of technical alarms and automatic operation of the sites under surveillance.

SMI Server uses local controllers for single-click access to event logs, alarm escalations and associated information (CCTV images and graphic maps) across all zones at one or several sites.

- Integration/interaction between access control and intrusion
- Activation/deactivation by card, time, "empty zone", console
- Refusal of access to areas in use
- First and last issues time-delayed
- Deferred activation
- Sound alarm on activation
- Management of guard tours
- Daybooks
- Alarms submitted to a remote surveillance centre via a standard protocol

CCTV Module

The CCTV module can be used to manage images associated with events sent by the field terminals and so provide improved information analysis.

The images can be viewed in real time and recorded on digital video servers that transmit video feeds over IP.

- Alarm verification
- Automatic triggering of video recording when an event occurs
- Caméra switching
- Pre-positioning
- Visual confirmation of access
- Continuous viewing: multiple views, double screen
- Capture for graphic customization
- Synchronisation of logged events and recorded video sequences



External interfaces module

SMI Server is an open communications and information system that interfaces with external applications and/or equipment while integrating perfectly into existing IT architecture.

Its compatibility with external systems means the management of security functions can be centralized in a single operational tool.

Information sent back is processed and supervised through the interfacing of external equipment.

- Supervision/integration of intrusion detection panels, GTC/GTB terminals
- Supervision of fire detection stations
- Exchange of users and cards with other applications: time and attendance management, restaurant management, E-cash management

SMI Server

A comprehensive response designed to manage the security issues you have to deal with

Implementing an electronic security system depends on a number of parameters: risk analysis, architecture design, identification of communications networks, integration into the existing information system, compatibility with technologies currently in use, openness to external systems and ease of management.

Specific characteristics related to the company's business and organizational environment need to be taken into account on top of these parameters. Gunnebo is able to offer a scalable solution that adapts easily to new technologies and market standards to respond to the issues businesses face on the ground.

Integrated solution

SMI Server solution combines a range of security functionalities and offers a comprehensive system for integrated security management. SMI Server uses a wide range of equipment in the field appropriate to the level of security required and the environment of the site to be protected.

Power and performance

Based on a database, SMI Server facilitates the management of complex architectures and simplifies day-to-day security operations: access filtering, event prioritization, post-event investigations...

Modularity and scalability

SMI Server is offered in a modular format, meaning that the solution can be customized to meet the needs of every company, every security requirement and every site.

Flexibility and openness

Because it has complete control over all the elements that make up its solution, both hardware and software, Gunnebo can guarantee the long-term viability of its SMI Server solution, its openness to external systems and a high level of maintainability.

Simplified interface

The simple, easy-to-use SMI Server application has been designed to optimise security operations. It is available in two versions:

- a simplified web interface that offers secure access to data (user and viewing management) via stations at different points in the company without the need to install specific software;
- a complete operational interface, incorporating customizable requests to meet operational needs: intuitive configuration, alarm logs associated with dynamic graphic maps, integrated video images, history, archives...



Customized advisory services

Gunnebo seeks to improve quality on a continual basis and this, combined with its close relationships with its customers, has led the Group to develop a wide range of services based on its SMI Server solution. From advice on designing architecture to installation and training, Gunnebo supports you throughout your security project to help you design the solution that is best suited to your business environment.

Gunnebo is a leading provider of efficient and innovative security solutions and services to customers around the globe. It employs 5700 people in 32 countries across Europe, Asia, Africa, Australia and the Americas, and has a turnover of €580m. Gunnebo focuses its offering on Bank Security & Cash Handling, Secure Storage, Global Services and Entrance Control.

We make your world safer.

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