



Organize your security – with **PSIM+** software

WHAT IS PSIM SOFTWARE ?

Functional scope of a Physical Security Information Management System



Relevance

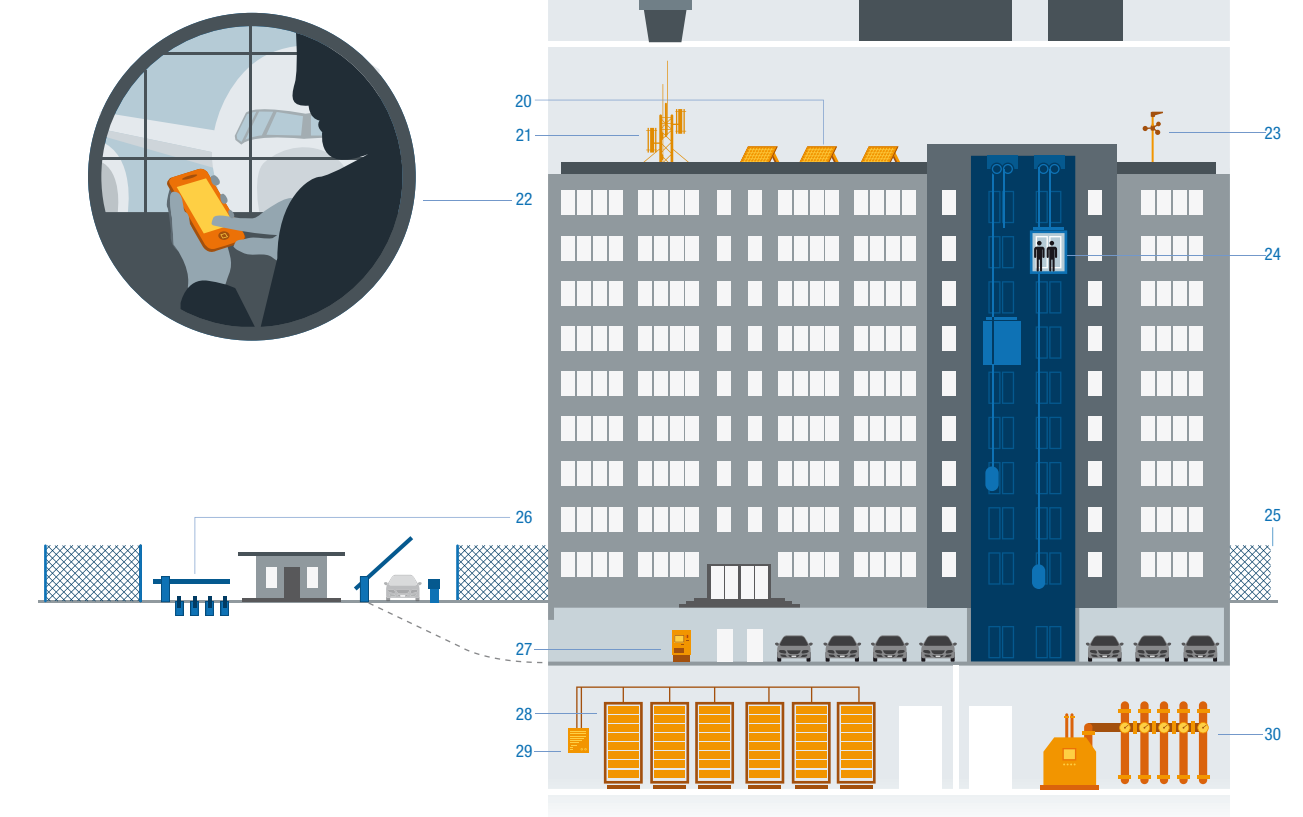
Physical Security Information Management (PSIM) is a software platform that integrates several non-connected security systems, controlling them by an extensive user interface. The user has the ability to detect incidences registered by different security and information systems and to resolve them with approved standardized procedures.

With WinGuard X3, we define PSIM+ as a solution reaching far beyond the common scope. PSIM+ offers the possibility for a domain-encompassing integration of the complete building, communication and IT infrastructure. Another enhancement compared to conventional PSIM solutions is the connection to higher-tier mission control systems.

Plus

Application

In practice, the WinGuard platform is collecting all incidents from the different security and information systems. The intelligent incident visualization allows the user to easily identify situations. With the help of automatic procedures and measures, the user is led to the quickest, most appropriate response method in accordance with established guidelines.



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|--------------------|----------------------------|------------------------|-----------------------|---------------------------|
| 1. Fire detectors | 7. Lighting | 13. Sprinkler system | 19. Escape route plan | 25. Perimeter |
| 2. Emergency exits | 8. Personal emergency call | 14. Key management | 20. Photovoltaics | 26. Barriers and bollards |
| 3. Escape door | 9. Security camera | 15. Glass breakage | 21. Radiocomm. | 27. Parking management |
| 4. Public address | 10. Intercom | 16. Telecommunications | 22. Mobile access | 28. IT-Infrastructure |
| 5. Air condition | 11. RFID reader | 17. Motion detector | 23. Weather station | 29. Asp. smoke detection |
| 6. Heating | 12. Power consumption | 18. Blinds | 24. Elevator | 30. Building automation |

WINGUARD - OUR STRENGTHS

An overview of the features and functions our software offers



Mission Control Center

The daily workflows of a mission control center are becoming more and more complex. Today all technological and organizational measures of a company are coordinated here. With its modular and at the same time very compact system structure, WinGuard is the perfect solution: providing comprehensive control while input devices are reduced.

Workflows

The WinGuard event workflows comprise innovative process control as well as multiple options for message processing and the organization of daily operations.

Dynamic workflow procedures offer situational support for the end user and thus ensure that the correct measures are taken if an incident occurs. Floor plans, video images or comments can be directly attached to the events.

The measures taken are recorded in a protocol and stored in a locked archive, together with the complete set of attachments. This is how the end user can always produce proof of a correct incident processing.

User Interface

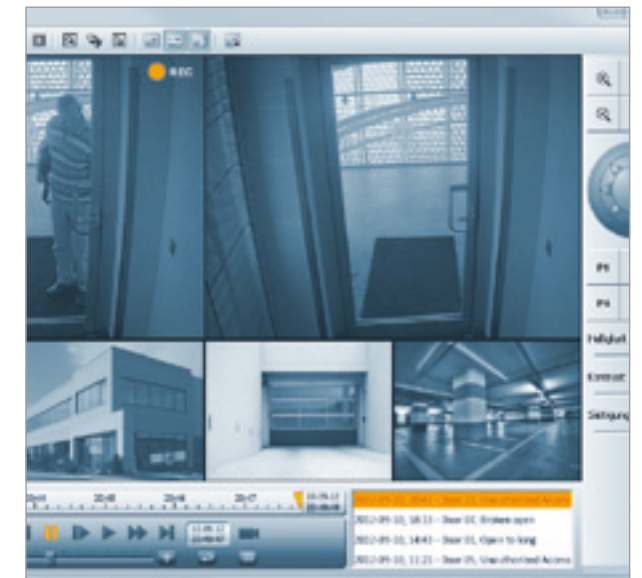
The interactive WinGuard layout manager offers versatile configuration and design possibilities. The result is an intuitive user interface, providing graphical information depending on the event. Based on priorities, operators are able to manage events and workflows in a logical sequence. This is how the highest security level is ensured, even in case of various incidents all happening at the same time.



Video Management

The integrated WinGuard Video Manager enables a vendor-neutral visualization and centralized control of video systems. Different dissimilar video systems, i.e. DVRs, NVRs, VMS, video matrix switches and video-analytic solutions may all be brought together into a single, unified user interface.

In addition to the manual activation of live or archive images and the control of PTZ cameras, an intelligent alarm and wall management (with external video wall solutions or the control of simple LCD displays) is possible. All occurring events are synchronized with the video images so that the relevant situations can be directly accessed. To preserve evidence, individual images or entire sequences can be exported.



Reports

WinGuard offers functional and easy-to-use recordings and reports. With our advanced and powerful reporting engine, we currently meet the certifications EN-50518 and VdS 3534. Due to our open architecture, as new requirements become adopted, WinGuard can easily adapt. Recurring report templates can be run automatically based on time or date. These reports could be used to validate internal or external workforce performance or code compliance.



Automation

Based on calendars or time schedules, recurring tasks can be automated. For example, doors, lights or temperature controls may all be managed with WinGuard. Automation is also related to input from multiple subsystems interacting via WinGuard event routing.

Project Planning

WinGuard as open platform manufacturer allows the integration of multiple systems today and is ready for new future applications. With the powerful graphics editor, a customized visualization is possible. CAD floor plans can be directly integrated and existing content, like the positions of detectors, can be imported into WinGuard. Professional, integrated tools increase the operational efficiency.



DEPLOYED EVERYWHERE

WinGuard is applied wherever maximum security is indispensable



Finance & Administration

In financial and administration buildings, the full scope of security, building, communication and network technologies is applied. WinGuard's advantage is that it covers the total range of deployed systems.

In addition to area and perimeter protection, access control and video monitoring, the technical utilities are also included, e.g. emergency power supply.

Furthermore there are personal security and communication systems. Defined maintenance intervals can be easily monitored via the Facility Management module.

Datacenters

Data processing centers are highly-secured buildings. In addition to the conventional security systems, environmental conditions such as temperature, humidity or power are all critical elements that require monitoring.

Monitoring these critical conditions allows for events to be generated prior to costly repairs or services needing to be made.

Any breakdown of emergency systems, such as uninterrupted power supply (UPS) and generators is detected, for an immediate initiation of the appropriate measures.



Industry

Cross-linked fire alarm and sprinkler systems in spacious industrial plants are visualized clearly by WinGuard. These may be viewed freely in scalable plans or map views. Employee safety can be ensured and responded to immediately.

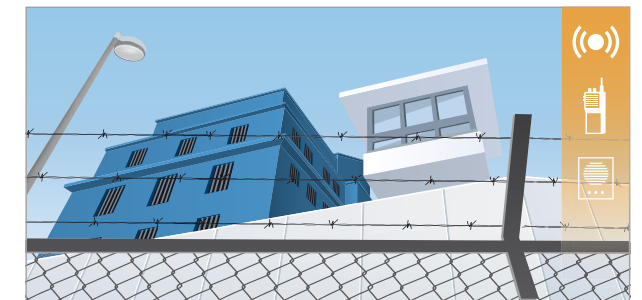
Critical condition messages from different areas can be handed over to WinGuard for detailed processing and reporting. Printout of escape route plans in case of incident can be automated.

Use of mobile clients can also leverage limited resources.



Penal & Forensic

Penal and forensic institutions place high requirements on their security management system. In case of an event, WinGuard is able to cross-reference with an occupant database which provides important occupant information. WinGuard offers multiple layers of redundancy and disaster recovery solutions as required by these facilities.



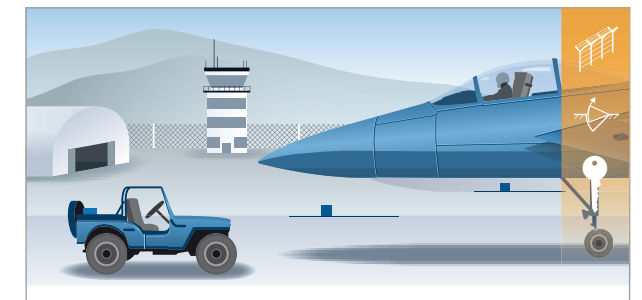
Transport & Traffic

Airports, Rail Networks, Ports and Road Systems all have numerous video and emergency call systems deployed remotely. The same applies for parking management systems. WinGuard enables centralized monitoring in an integrated, well-arranged user interface.



Armed Forces

Open-air ground security (perimeter protection), intrusion detection technology and video monitoring comprise a few components of a military-secured area. Additionally WinGuard interfaces with asset management and key management systems as they interact with other alarm points.



Hospitals

Clinics, assisted living or retirement homes have unique system requirements. By integrating emergency, nurse call and intercom systems, WinGuard offers first responders comprehensive information. WinGuard also monitors the security-relevant building equipment, hazardous materials and control substances.



Further Applications

The aforementioned examples are only a fraction of the WinGuard solution. Other specialized vertical markets include casinos, leisure parks, museums and venues.



WinGuard – the best solution for all your security concerns!



DIN EN 50518
COMPATIBLE

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