



Organize your Security – with PSIM+ Software



WinGuard

Over 1,200 installations in different application sectors make WinGuard one of the internationally market-leading security and building management systems.

Independence and vendor-neutrality are the main advantages of the WinGuard system, as the total security, building and communication technology can be integrated in the software platform.

The special challenge in security industry is the responsible combination of most modern, easy to operate technology with absolute reliability. The user in the control center is empowered to detect all situations and is efficiently supported in event processing by WinGuard.

Organize your security centrally and user-friendly!

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any application

What is PSIM Software?

Physical Security Information Management



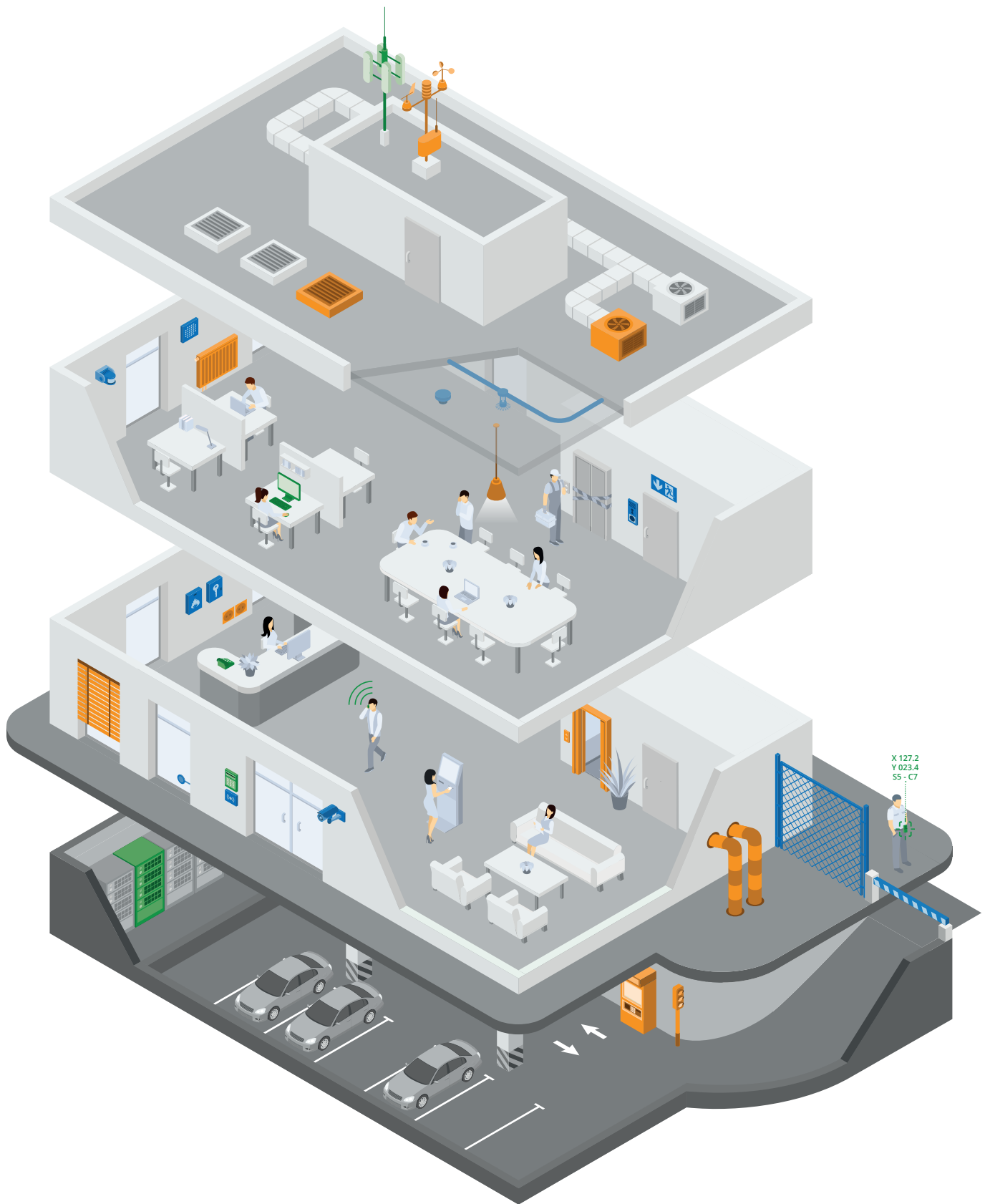
PSIM+

Physical Security Information Management (PSIM) is a software platform that integrates several non-connected security systems, controlling them via a comprehensive user interface. This enables the user to detect occurring events triggered by different security systems and to resolve them in an optimal way.

With WinGuard, we define PSIM+ software as a solution reaching far beyond the common scope, offering the possibility for cross-domain integration of the complete security, building and communication technology.

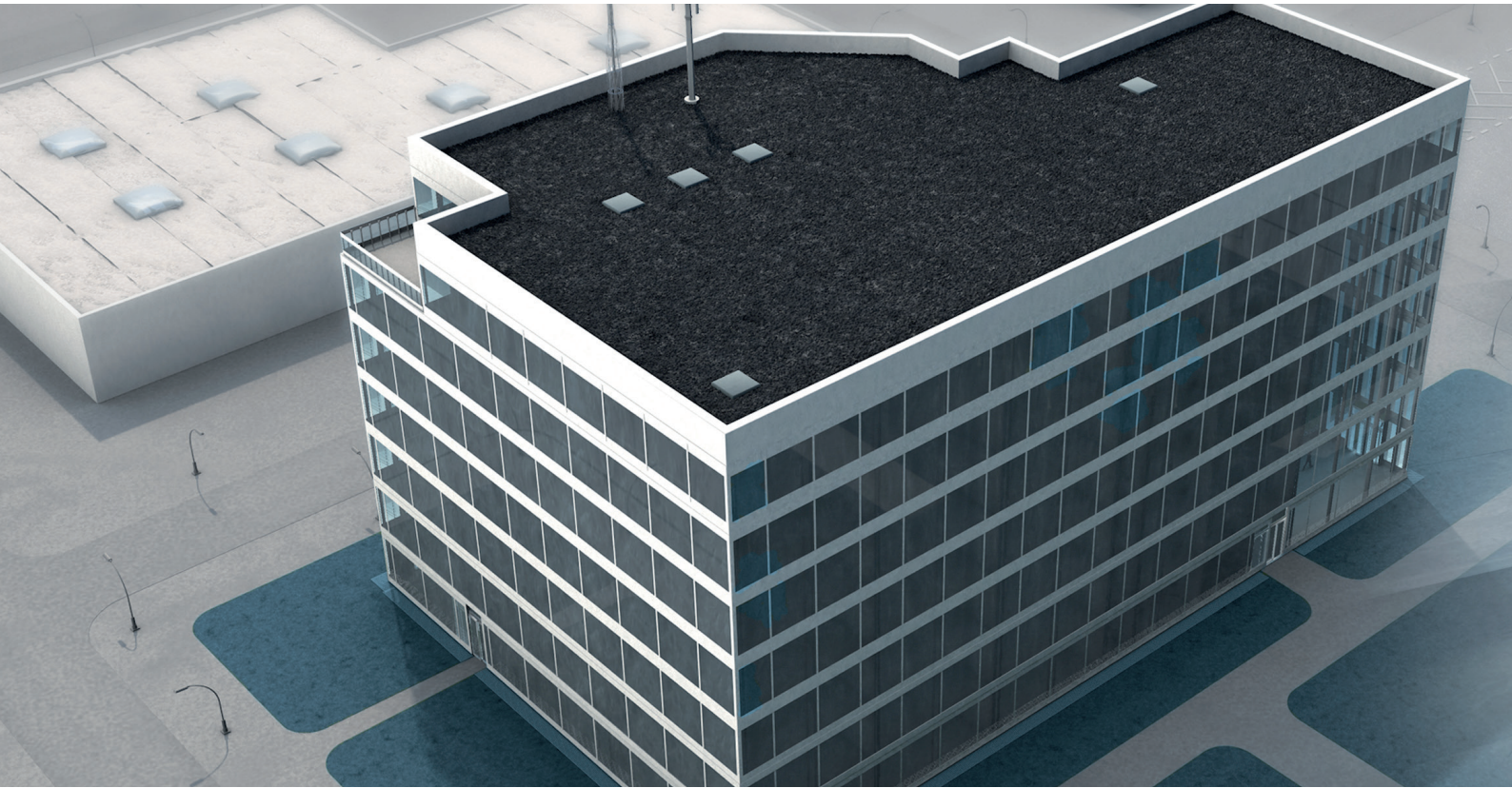
Another enhancement compared to conventional PSIM solutions is the connection to higher-tier mission control systems.

In practice, WinGuard collects all incidents from different security and information systems. The intelligent event visualization enables the user to easily identify situations. With the help of workflows as well as automatic actions, the user is led to the most appropriate response method in accordance with established guidelines.



WinGuard

Features of the PSIM+ Software by Advancis



Control Center

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

User Interface

In addition to a modern look, the WinGuard user interface offers multiple design possibilities. The user works with an intuitive man-machine-interface providing all relevant information depending on the respective situation. This is how the highest security level is ensured, even in case of various incidents all happening at the same time.

Event Workflows

Depending on the surrounding conditions and his own system entries, the WinGuard Event Workflows guide the user through the required actions for a quick and secure resolution of the situation. Daily operation is significantly simplified. Furthermore they offer innovative possibilities for customized process control and organization of the event message processing.



Reports & Evaluations

All events such as state changes, incoming event messages or user entries are logged in WinGuard. Based on this data, reports and evaluations can be created. That also includes the possibility to draw up a PDF report directly out of the event message processing. The graphic display of the collected data provides a quick overview of relevant figures. For external use, this information can be exported into standard formats or provided in real-time via an open web interface.

Security & Stability

The WinGuard location and redundancy concept enables the realization of complex system architectures and fallback scenarios. The system availability is continuously ensured via Hot Standby. The distributed data management allows smooth working even at locations that are connected via a low bandwidth. The network connections are, as a matter of principle, encrypted by WinGuard according to current standards (AES 256).

Modular & Scalable

WinGuard is scalable from a standalone system up to a comprehensive network solution and can be flexibly extended anytime by further modules and interfaces. The modular extensibility of the management system offers high investment protection. With individually adapted modules for particular functions, systems, processes or verticals, WinGuard even solves specific requirements: A complex global solution, but easy to operate.



WinGuard Express

The optimal solution for small installations

WinGuard Express is a standalone system with up to 3,000 datapoint units and three interfaces to subsystems: The perfect and cost-efficient solution for a single location not requiring any further clients apart from the main system.

WinGuard Express is suitable e.g. for the linkage of access control with video surveillance or for visualization and control of fire alarm systems with up to 3,000 detectors, including the automated printout of fire detector positioning plans in case of an event.

Of course WinGuard Express can be extended anytime to a more comprehensive solution by adding further functional and interface modules.

- ✓ Cost-efficient solution for smaller projects
- ✓ Linkage of different devices and systems that are installed in the building
- ✓ Automatic creation of fire detector positioning plans
- ✓ Flexible access and notification via optional mobile app

Application Example

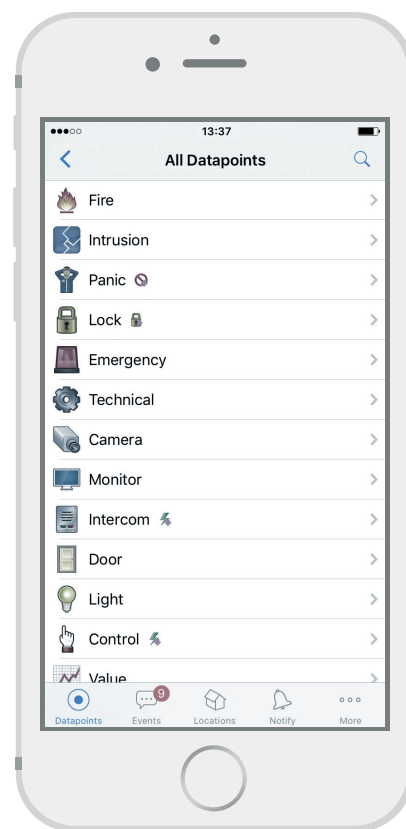
The iOS or Android App can already be used with WinGuard Express, enabling mobile access to WinGuard and all connected systems. The notification of users by forwarding event messages to their smartphone is included.

Project Example

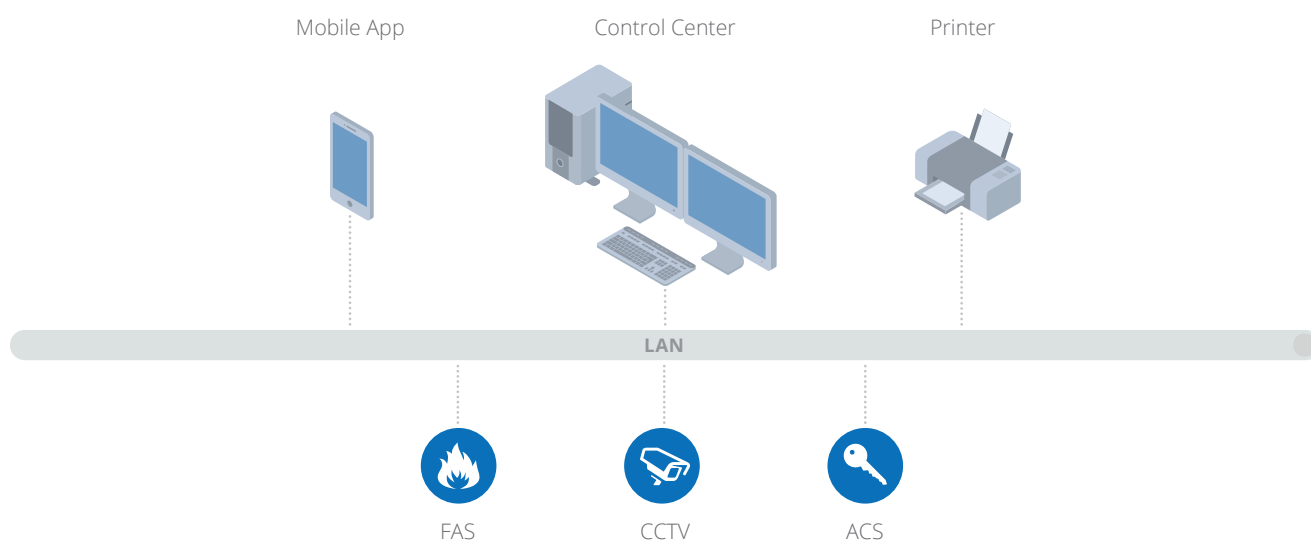
The WinGuard standalone system already offers the possibility to realize comprehensive security concepts for smaller locations. In an office building, access control is an essential part, ensuring that the building and certain areas within can only be accessed by authorized persons. Extended by a video surveillance system, the interaction of these connected devices can be automated by WinGuard.

In case of a non-authorized access attempt, the responsible person not only receives the event message, but also additional information such as personal data (name and photo of card holder) as well as the booking history. The cameras installed in the access area can be automatically displayed and enable a quick evaluation of the situation on site.

The uniform operation and automatic interaction of the different security systems as well as the guided workflows facilitate daily operation and increase security.



Available for
iOS & ANDROID





WinGuard Basic

Multiple clients and network extensions

WinGuard Basic is a distributed system with up to five clients, 5,000 data-point units and five interfaces – the optimal solution for medium-sized installations, including multi-client mode.

The system is the ideal platform for linkage of diverse security, building or information management systems. Fire alarm systems, intrusion detection, access control, video surveillance or communication systems are controlled by one uniform user interface, enabling access to all control options and displaying event messages in a clear and easily visible way.

- ✓ Distributed systems in medium-sized installations
- ✓ Linkage of different security, building and information management systems
- ✓ Optimized work processes and technical reliability
- ✓ Central documentation and comprehensive reporting possibilities

Application Example

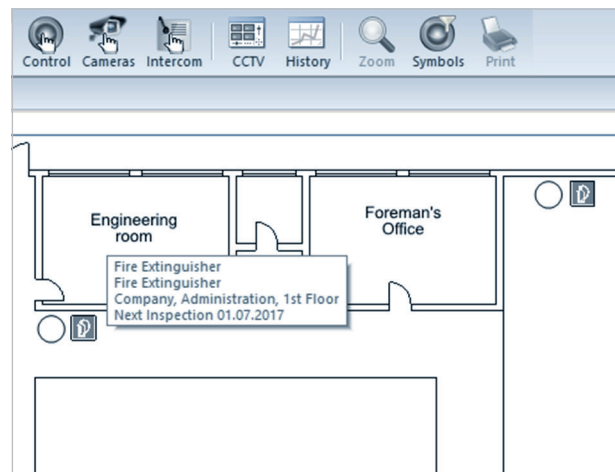
The module "Facility Manager" offers the possibility to manage e.g. maintenance dates or inspection intervals for fire extinguishers, sprinkler systems, air conditioning systems, etc. All set events are comfortably displayed in a well-arranged overview. For optimization of maintenance work processes, all entries can be filtered and sorted according to time, type or location.

Project Example

In a hospital the focus is on the patient so that security and building management should work smoothly in the background. Optimized work processes and technical reliability are of utmost importance.

With fire detection systems, video surveillance, access control, nurse call, elevator emergency call and building management technology, a hospital has a wide range of technical installations. In addition, there are comprehensive reporting requirements, e.g. for emergency workflows. Distributed clients enable flexible task and information management, from facility management over the ward up to the reception desk and the accident and emergency department. Due to the uniform WinGuard user interface, event processing and control of building management devices is user-friendly and efficient. It is also possible to receive event messages including action instructions on mobile devices so that personnel on site can react immediately.

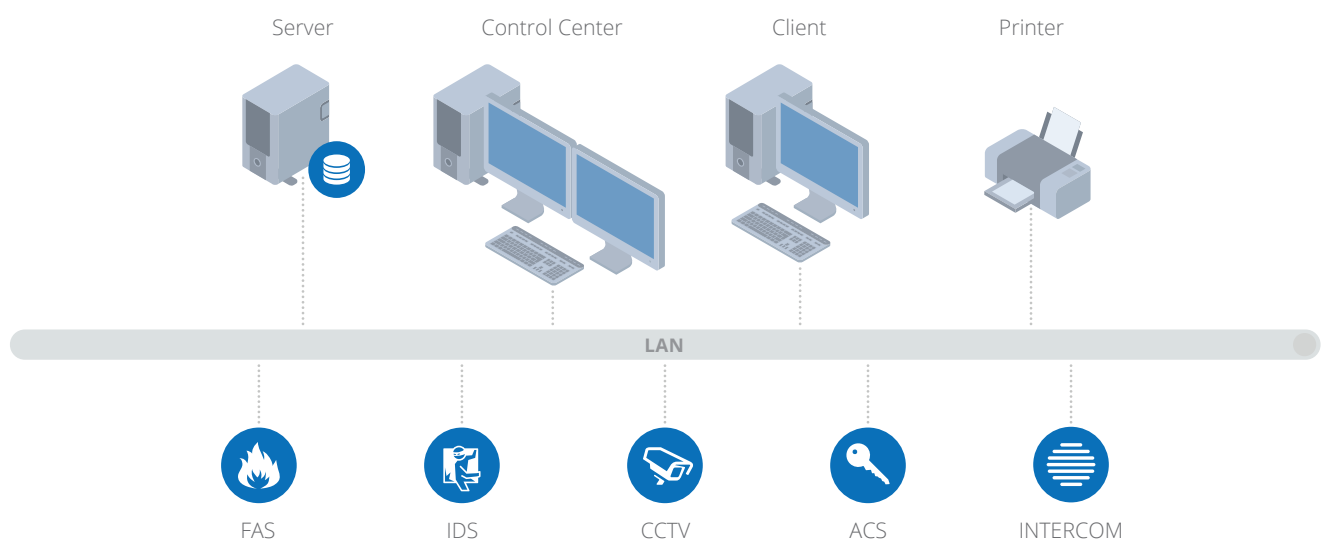
A centralized documentation combined with comprehensive reporting possibilities is a decisive advantage of the system.



Filter: Datatype: [Escape plan] Name: [Fire extinguisher] Location: [Company, Administration, 1st Floor] Last execution: [16.12.2016] Next execution: [16.12.2016] [Apply filter] [Clear filter]

Datatype	Location	Last event	Next event
Emergency light	EL Administration	12/16 Visual inspection	02/17 Visual inspection
Emergency light	EL Logistic	12/16 Visual inspection	02/17 Visual inspection
Escape plan	EP Administration	12/16 Visual inspection	02/17 Visual inspection
Escape plan	EP Factory	12/16 Visual inspection	02/17 Visual inspection
Escape plan	EP Logistic	12/16 Visual inspection	02/17 Visual inspection
Fire extinguisher	FE Administration	12/16 Functional test	02/17 Visual inspection
Fire extinguisher	FE Factory	12/16 Functional test	02/17 Visual inspection

Events: Visual inspection: Last execution: 15.12.2016 18:07:21, Next execution: 01.02.2019 15:00:00, Notification: 01.02.2019 15:00:00. Functional test: Last execution: 15.12.2016 18:07:28, Next execution: 01.02.2019 15:00:00, Notification: 01.02.2019 15:00:00. [Execute event]





WinGuard Professional

The comfortable and flexible solution for larger installations

WinGuard Professional is a distributed system with up to 15 clients, 25,000 datapoint units and 15 interfaces. The development of new interfaces is possible.

WinGuard Professional is designed to offer multiple redundancy levels to always ensure the high availability of the security and building management platform. Thanks to Hot Standby, the system functionality is kept even if a central component fails. This is particularly important for critical environments, e.g. in the finance sector, in data centers, correctional facilities or any other highly-sensitive areas.

- ✓ Distributed systems in large-sized installations
- ✓ Multiple redundancy and high availability
- ✓ Automatic insertion of detector positions into floor plans
- ✓ Connection of superordinated incident management systems

Application Example

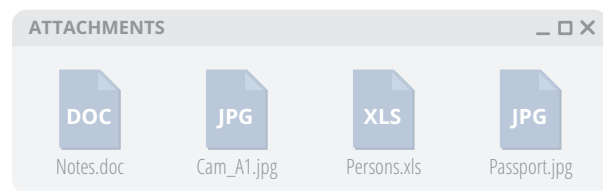
Attachments such as video images and sequences, comments, e-mails, photos and other documents can be appended to incoming event messages.

Project Example

In an automotive plant with almost 10,000 employees, corporate security as well as production processes have to be monitored.

Among other installed systems, fire alarm technology is an important aspect, as the production site has its own fire department. The module CAD Support plus offers the possibility to automatically insert all detector positions and attributes into the floor plans. In case of a fire alarm, the corresponding floor plan is immediately displayed in the user interface so that the alarm-giving detector can be precisely localized. At the same time, the camera on site is displayed and the image can be shown via the Video Display e.g. on a video wall. Dynamic workflows guide the user through event processing, whilst automatic system actions are initiated at the same time. Alarms, e.g. via phone, SMS, radiocommunication or e-mail, can be selected manually or run automatically in the background. A Hot Standby Server ensures the high availability of the system.

In addition to the numerous subsystems of building, security and communication management, the connection of superordinated incident management systems for resource planning is enabled via a documented interface.



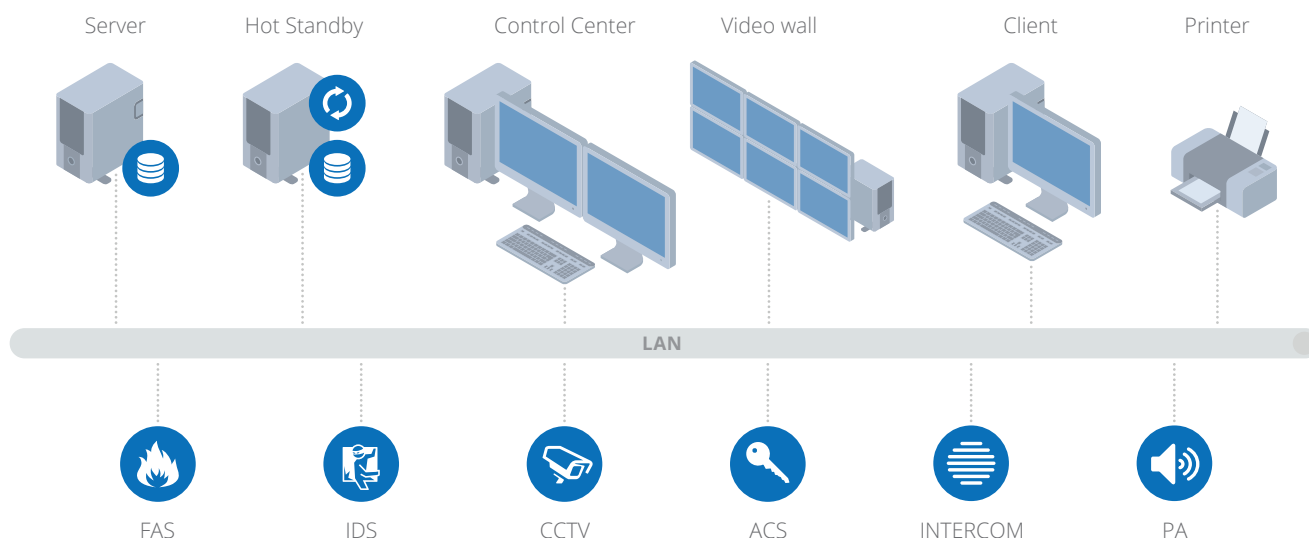
Cam_A1.jpg

ID	Company	Last Name	First Name	Email Address	Job Title	Business Phone	Mobile Phone	Home Address	City	State/Province	ZIP/Postal Code	Country
1	Company A	Bedecs	Anna		Owner	(123555-0100)		(123555-0123 1st Street	Seattle	WA	98999	USA
2	Company B	Gratcos	Antonio		Owner	(123555-0100)		(123555-0123 2nd Street	Boston	MA	99999	USA
3	Company C	Avin	Thomas		Purchaser	(123555-0100)		(123555-0123 3rd Street	Los Angeles	CA	99999	USA
4	Company D	Leo	Christina		Purchaser	(123555-0100)		(123555-0123 4th Street	New York	NY	99999	USA
5	Company E	O'Donnell	Martin		Owner	(123555-0100)		(123555-0123 5th Street	Minneapolis	MN	99999	USA
6	Company F	Perez-Ola	Francisco		Purchaser	(123555-0100)		(123555-0123 6th Street	Milwaukee	WI	99999	USA
7	Company G	Via	Ming Yang		Owner	(123555-0100)		(123555-0123 7th Street	Boise	ID	99999	USA
8	Company H	Andersen	Elizabeth		Purchaser	(123555-0100)		(123555-0123 8th Street	Portland	OR	99999	USA
9	Company I	Monsieur	Sven		Purchaser	(123555-0100)		(123555-0123 9th Street	San Jose	CA	99999	USA
10	Company J	Wacker	Roland		Purchaser	(123555-0100)		(123555-0123 10th Street	Chicago	IL	99999	USA
11	Company K	Krische	Peter		Purchaser	(123555-0100)		(123555-0123 11th Street	Miami	FL	99999	USA
12	Company L	Edwards	John		Purchaser	(123555-0100)		(123555-0123 12th Street	Las Vegas	NV	99999	USA
13	Company M	Ludick	Andre		Purchaser	(123555-0100)		(123555-0123 13th Street	Memphis	TN	99999	USA
14	Company N	Gallo	Carlos		Purchaser	(123555-0100)		(123555-0123 14th Street	Denver	CO	99999	USA
15	Company O	Kupkova	Helena		Purchaser	(123555-0100)		(123555-0123 15th Street	Honolulu	HI	99999	USA
16	Company P	Galschoten	Daniel		Purchaser	(123555-0100)		(123555-0123 16th Street	San Francisco	CA	99999	USA
17	Company Q	Baguel	Jean Philippe		Owner	(123555-0100)		(123555-0123 17th Street	Seattle	WA	99999	USA
18	Company R	Auker	Michelle		Purchaser	(123555-0100)		(123555-0123 18th Street	Boston	MA	99999	USA
19	Company S	Eggen	Alexander		Accountant	(123555-0100)		(123555-0123 19th Street	Los Angeles	CA	99999	USA

Persons.xls



Passport.jpg





WinGuard Enterprise

Nearly unlimited application possibilities

WinGuard Enterprise is a distributed system with unlimited locations, clients, datapoint units and interfaces. The development of new interfaces is possible.

WinGuard Enterprise is representing multi-location systems, the ideal solution e.g. for distributed stores of a retail chain. With the System Manager module, the control of several independent WinGuard systems spread over multiple locations is possible. The status of each system is shown in a task bar as part of the WinGuard user interface so that the user has a clear overview. Automatic actions can be executed by the system in each connected location, enabling centralized control.

- ✓ Global installations with an unlimited number of locations
- ✓ Autonomous operation of locations via Location Servers
- ✓ Integration of map material, geo-referenced datapoints
- ✓ Integration of further process-supporting software is possible

Application Example

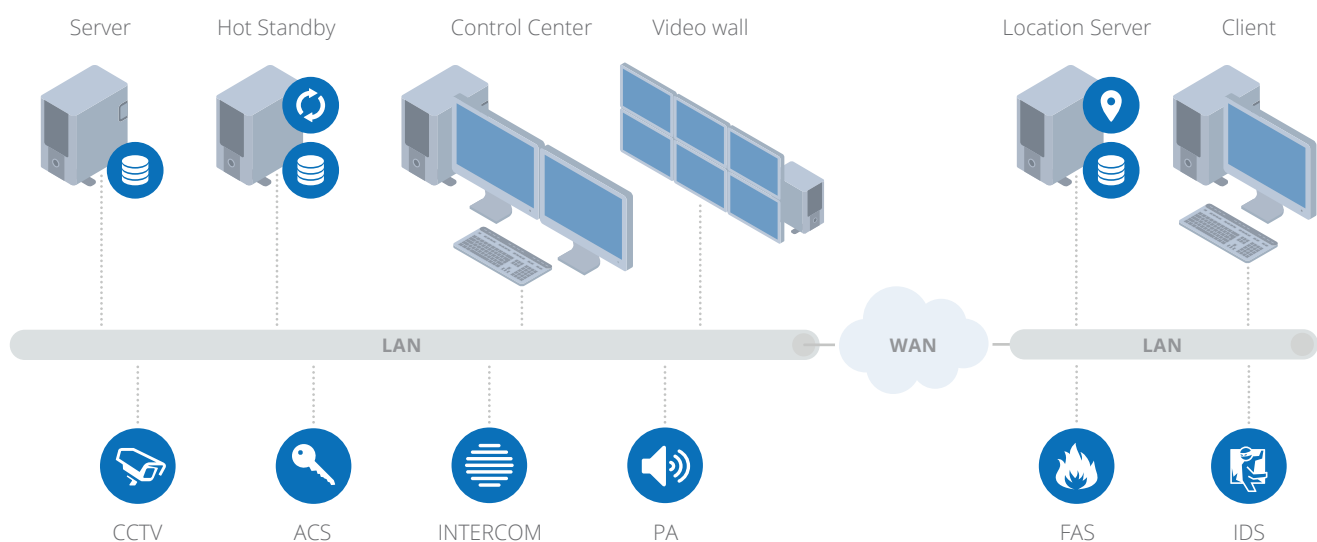
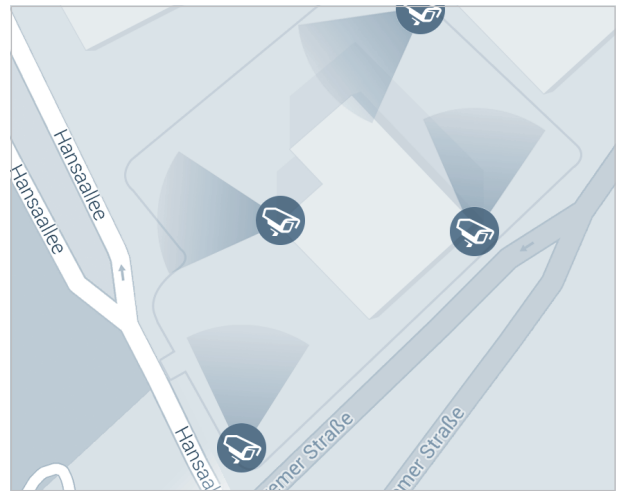
Map material can be integrated via the geo data interface (Google Static Maps API). Each datapoint can be geo-referenced by its placement on the map which is supporting the visualization of different locations and mobile devices.

Project Example

A centralized control room offers the optimal solution for the operator of a retail chain with numerous chain stores, to increase efficiency and reduce costs.

With location servers installed in the distributed locations, WinGuard collects information from all connected systems such as fire and intrusion alarm systems, access control, RFID and cashier systems and video surveillance. Event messages are displayed in one well-arranged user interface at the centralized workstations so that security personnel can focus on the important situations. The WinGuard Event Workflows assist the user in taking the appropriate actions. In addition, WinGuard offers continuous surveillance of building technology systems, e.g. temperature of cooling chambers.

If an event message is received, the control center as well as a service technician on site will be automatically informed by SMS, e-mail or phone. Connecting to further process-supporting software is possible.



WinGuard Module Overview

Organize your Security – with WinGuard



Interfaces

All subsystems are linked to WinGuard via interfaces. Depending on the device type and manufacturer, these interfaces might significantly differ.

To allow WinGuard to communicate with different systems, program modules (interface modules) are applied, providing the offered functions in a uniform format in WinGuard. The amount and type of the installed interface modules also define the functional scope of the system.



Video Manager

The WinGuard Video Manager can control both analog and digital video systems. The interface for display is freely adaptable and different layouts can be pre-defined. Live image displays, PTZ control and archive access are uniformly possible, provided that the connected systems have the corresponding functionality.

For easy operation, video control units or USB joysticks can be used. Video display can be transferred e.g. to a video wall via the corresponding WinGuard module.



Video Archive

The WinGuard module "Video Archive" offers the possibility to create bookmarks and save video sequences independent of the installed video system.

The bookmarks and centrally saved sequences can be easily managed, filtered and searched for in WinGuard. It is possible to link them to events as well as to add notes. The storage time of these clips can be set in WinGuard, independent of the connected video system.



CAD Support

The dynamic WinGuard CAD Support offers a user-friendly import as well as the possibility to control the layers of AutoCAD graphics.

The CAD Support plus enables integration of DWG and DXF graphics including automatic linkage of detectors (import of datapoint blocks). Datapoint positions will be automatically transferred and activated.



Notifications

All WinGuard versions include Event Routing, i.e. forwarding of events to workstations. This enables a parallel event processing according to diverse criteria.

Using the Notification Module, forwarding of events by e-mail, fax or voice mail to predefined persons is possible. In addition, dynamic playback via Text-to-Speech, i.e. via loudspeaker or telephone, can be realized.



Mobile Devices

The SMS Module as well as the Mobile Apps (iOS and Android) offer the interactive integration of modern communication devices into the notification chain. This allows a well-arranged, compact mobile access to all states and events of the WinGuard system at any time.



Scheduler

The Scheduler module provides calendars, time schedules, a dead man's handle function, automatic actions as well as control operations (scheduled and monitored system controls).

Control operations define time periods during which particular datapoints will be placed into a specific target status. The states of the datapoints will be monitored then. If, after a defined tolerance time, there are deviating states remaining, this will be signaled to the user.



Facility Manager

WinGuard offers a facility management interface for collection, administration and event projection of offline data, e.g. maintenance dates/inspection intervals for fire extinguishers, sprinkler systems, air conditioning systems, etc. Serial sequences (once, daily, weekly, monthly, yearly) can be defined here.

The management of building control technology installations is user-optimized. All set events are comfortably displayed by the Facility Manager in a well-arranged overview.



Configuration

The Graphic and Workflow Editor (Projection) links graphic files in different formats with actions. A datapoint symbol library (drag & drop) as well as a text editor for display of event messages is included.

Text modules, personal data and list fields can be easily inserted by interactive dialog and conditional elements. The User Layouts enable a free configuration of the program interface. Separate user profiles are available. The user interface can also be adapted for touch screen usage with buttons.



Geo Information

Geo data interface for integration of geo information systems. Map material can be integrated via Google Static Maps API. Datapoints being placed or shifted on the integrated maps automatically receive the corresponding geo coordinates.

Due to the flexible interface design by the Layout Manager, map material can be displayed in separate window areas of the WinGuard user interface and integrated into event workflows.



Redundancy

Hot Standby is a structure to ensure the system availability in case a central component fails.

The replacement system on a second computer continuously keeps the complete database of the main system, based on the generally distributed data management in WinGuard (server and client). This is how a setup of even complex fallback levels is possible in order to ensure the WinGuard system stability at any time.



Multi-Sites

Distributed locations can be linked with Location Servers in order to ensure their independent operation in case of a breakdown of the central server or of the network.

The complete database is stored on the server, administration is possible from every client.



WinGuard X3
EXPRESS



WinGuard X3
BASIC



WinGuard X3
PROFESSIONAL



WinGuard X3
ENTERPRISE

	DATAPOINTS			
Datapoint Units	max. 3,000	max. 5,000	max. 25,000	unlimited
	FEATURES			
Operator Alarm	✓	✓	✓	✓
Voice and Fax Notification	✓	✓	✓	✓
E-Mail Notification	✓	✓	✓	✓
SMS Notification	✓	✓	✓	✓
CAD Support	✓	✓	✓	✓
Virtual Module	✓	✓	✓	✓
Scheduler	✗	✓	✓	✓
Facility Manager	✗	✓	✓	✓
User Management plus	✗	✓	✓	✓
CAD Support plus	✗	✗	✓	✓
SQL Export	✗	✗	✓	✓
WinGuard OPC Server	✗	✗	✗	✓
Geo Information System (GIS)	✗	✗	✗	✓
	SYSTEM EXTENSIONS			
Mobile App	✓	✓	✓	✓
Webclient	✗	✓	✓	✓
Client	✗	max. 5	max. 15	✓
Video Display Control	✗	✗	✓	✓
Interface Server	✗	✗	max. 5	✓
Hot Standby	✗	✗	✓	✓
Location Server	✗	✗	✗	✓
System Manager	✗	✗	✗	✓
	WORKSTATION EXTENSIONS			
Video Manager	✓	✓	✓	✓
Video Control	✓	✓	✓	✓
Editor	✗	✓	✓	✓
Multi Monitor Support	✗	✓	✓	✓
	INTERFACES			
Interface (existing)	max. 3	max. 5	max. 15	✓
Interface (new)	✗	✗		✓

WinGuard Life Cycle Services

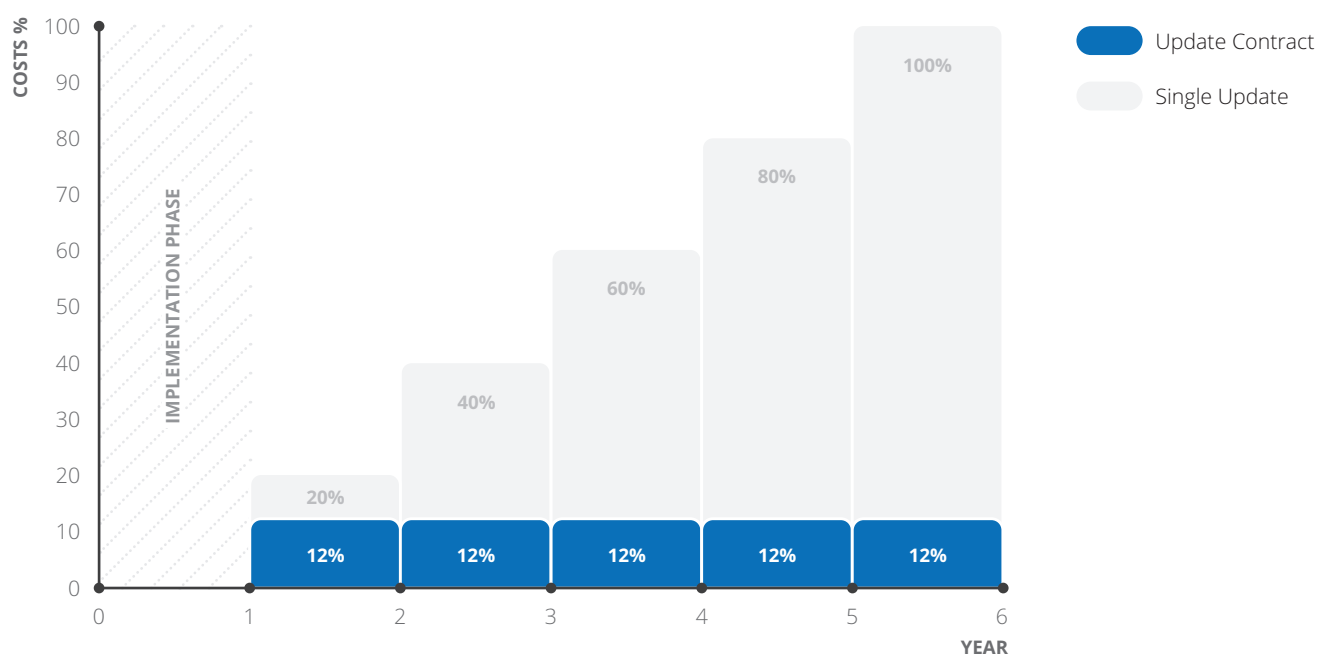
Benefit from always being up to date – with the WinGuard Update Contract

Only a constantly maintained system fulfills the strict requirements of a perfect security organization. New functions in WinGuard as well as interfaces to systems and installations are constantly being developed and already existing ones are optimized in order to adapt the software architecture to the current standards.

In the course of time, lots of customers extend their WinGuard installation with additional functional modules and interfaces or they intend to renew computers or the operating system. There are often also changing requirements with regard to the performance of a security and building management system, or new application possibilities come up due to innovations of the connected installations. This is why an update is worthwhile and mostly even necessary. Within 12 months after purchase of a WinGuard system, updates are provided free of charge.

An Update Contract ensures that WinGuard always remains up to date and extends warranty for the total contract duration. Furthermore, an Update Contract is much more cost-saving and comfortable compared to the purchase of single updates.

- ✓ Yearly updates during the agreed contract duration
- ✓ Regular provision of new WinGuard functions
- ✓ Continuous interface updates
- ✓ Extension of warranty for the total contract duration
- ✓ Free of charge use of support hotline
- ✓ Remote support
- ✓ Special conditions for individual trainings



Success Stories

A selection of international WinGuard projects



ÖBB-IKT GmbH Austria

"We were searching for a vendor-neutral system, suitable for a nationwide application. Fast reaction times with regard to modification requests and the provision of new interfaces were important as well. Not all management system manufacturers offer these features as a matter of course – Advancis makes the difference!"



ING. WERNER CASETT
Solution Management

Auchan Portugal

"The Security National Center of Auchan Portugal is a control center with the purpose to centralize all services and security commands in one place, integrating the various activities of the company: hypermarkets, petrol stations, logistics platforms and production units. WinGuard allowed us to develop a robust solution leading to cost optimization and prevention of hazardous situations. The procedures for event processing have been optimized, focusing on innovation, integration and interoperability."



SILVESTRE MACHADO
Security Director



Europa-Park Resorts Germany

"Being the operator of Germany's largest leisure park, not only the safety of the rides is important. The comprehensive security of our visitors and the monitoring of all electronic devices during daily operation is of highest priority. The WinGuard platform is perfectly implementing our complex security requirements."



MICHAEL MACK
Management

MPL Holding B.V. Netherlands

"The implementation of WinGuard represented an important milestone for MPL. Since 2012 we have a new centralized control room, offering a total integrated solution for security, building and communication management that is operating independently from the installed technical systems."



MARCEL LENTERS
Owner

Used Everywhere

The highest level of security for any application

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. Emergencies can be responded to immediately, thereby ensuring employee safety.

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.

Critical Infrastructures

Organizations that are very important for the community require special security. Energy suppliers, waterworks and municipal facilities need early risk detection as well as clear processes in case of an event, in order to avoid supply bottlenecks.

The ideal reaction to any breakdown or impairment minimizes the consequences for public safety.

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.

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.

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.

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.

Data Centers

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

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 actions.

1230

REALIZED PROJECTS

worldwide

73

COUNTRIES

with running projects

22

LANGUAGES

available in WinGuard



advancis

www.advancis.net