

ALWIN SYSTEM

A system is a set of elements interacting with each other according to certain principles or rules.

In our case, ALWIN is a security supervision system dedicated to preventing intrusion acts, through the interaction and interoperability of several elements : servers, electronic equipments, computer software and hardware.

The architecture of the software package in the form of different business modules covers all the sensitive points of one or many buildings such as : access control, video protection, intrusion detection. The functions are designed for different levels of authorization, ranging from the administrator having the right of configuration and supervision to the various "security guard or hosts" users entitled to functions related to their activities.




ADVANTAGES

- **Windows ergonomics** : the ALWIN system is inspired by the functioning of Microsoft tools, its use is therefore simple, dynamic, intuitive and well known to everyone.
- **Optimization by multi-window mode** : users of the ALWIN software package can work in versatility and navigate through several windows simultaneously.
- **Easy to consult, search and analyze** : various logs are made available centralizing any access or alarm event.
- **The same core system evolving over time** : it is possible to evolve the ALWIN system with functionalities to meet new needs, through the addition of functional licenses. These are therefore available on any client workstation allowing optimal use of any license.

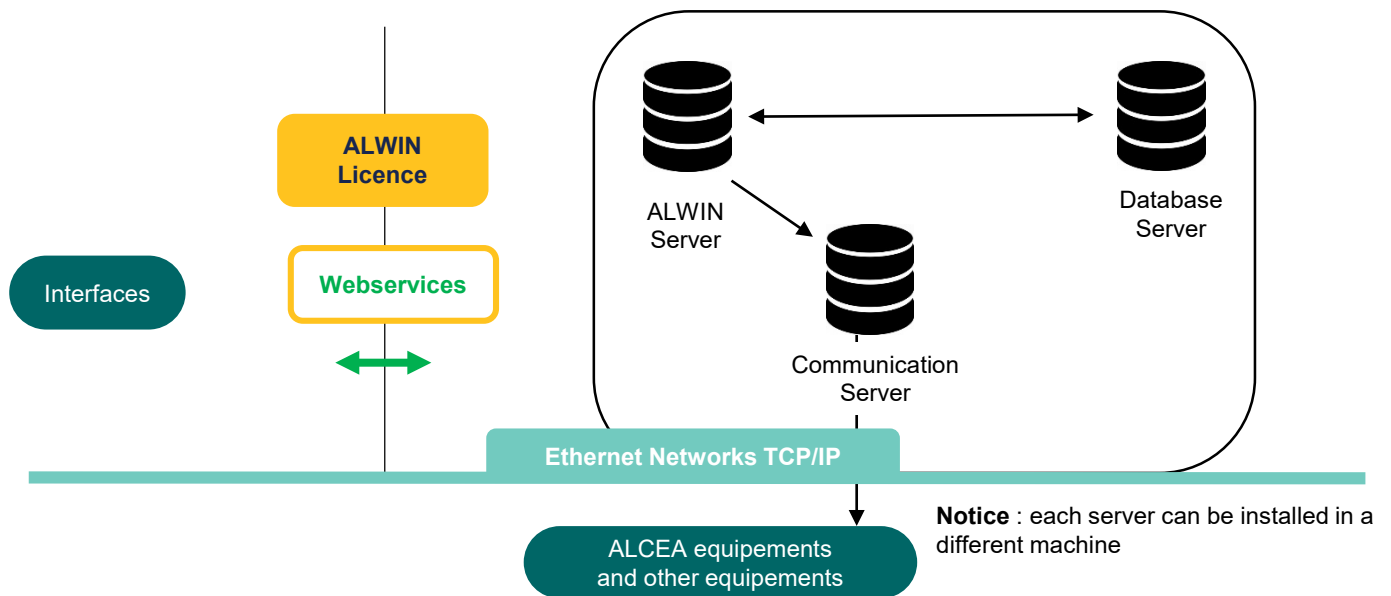
SERVERS

The ALWIN system operates through an ALWIN application server and a database server.

ALWIN server: the business execution servers exchange within the same machine with the communication servers which authenticate and control connections with our field equipment and third-party equipment.

See PS Redundancy module: the ALWIN application server can be redundant.

Database server: this server is dedicated to the storage and management of data in a database, in the environment of the ALWIN system, the data is linked to access control, namely access rights or the identifiers of the titles of access (physical or dematerialized badges).



CONFIGURATOR

The ALWIN software provides a configurator to define the servers via an HMI (human machine interface), by recording data in the data server and by declaring the hardware and the various protocols linked to the communication server.

ADMINISTRATOR

Task scheduler : it is possible to create and modify configuration tasks automatically from the operator station as well as to schedule their launch executed by the server.

Multiple modifications : the management and modification of a large database (access rights, etc.) is simplified, an operator can modify access rights on various identifiers in a single operation.

OPERATOR STATION

Operator workstation licenses are available for heavy client and thin client:

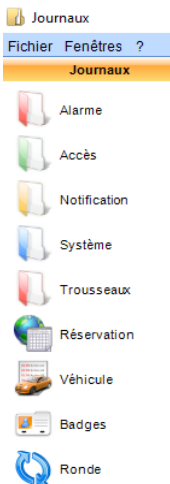
"Web" thin client workstation with possibilities of :

- Create or modify people, give access rights
- Consult the access profiles (for doors, parking, elevator cabins, ...)
- Consult the historical logs of accesses, alarms or the system
- Announce visits for themselves or others

[See PS IT Prerequisites](#) : for hardware and software

EVENT LOGBOOKS

The ALWIN software package provides a configurator to configure the servers via an HMI (human machine interface), by recording data in the data server and by declaring the hardware and the various protocols linked to the communication server.



A single log by type of event : access log, alarm log, system log, etc.

The logs are inspired by the ergonomic operation of Excel, thus facilitating consultation via filters and advanced search with criteria (periods, zones, etc.) for precise results in just a few clicks.

Statistics of these events are also available directly on ALWIN.

A history of events kept for a predefined period.

Alerts management by Mail / SMS : it is possible to automatically notify the administrator of any sensitive event with an alarm escalation to optimize the reaction time in the event of intrusions or breakdowns.

GRAPHICAL INTERFACE



Centralized view of the different modules: a graphical view of sites under ALWIN supervision is available from the HMI.

The graphic centralizes access control equipment (doors), key management (ALKEY cabinets), video protection (cameras) and intrusion detection (radars, etc.). The graph is dynamic because it shows the status of each device in real time.

OTHER FEATURES

SQL requestor : query in the database (presence counters...).

Video protection : video control systems (camera control, video walls).

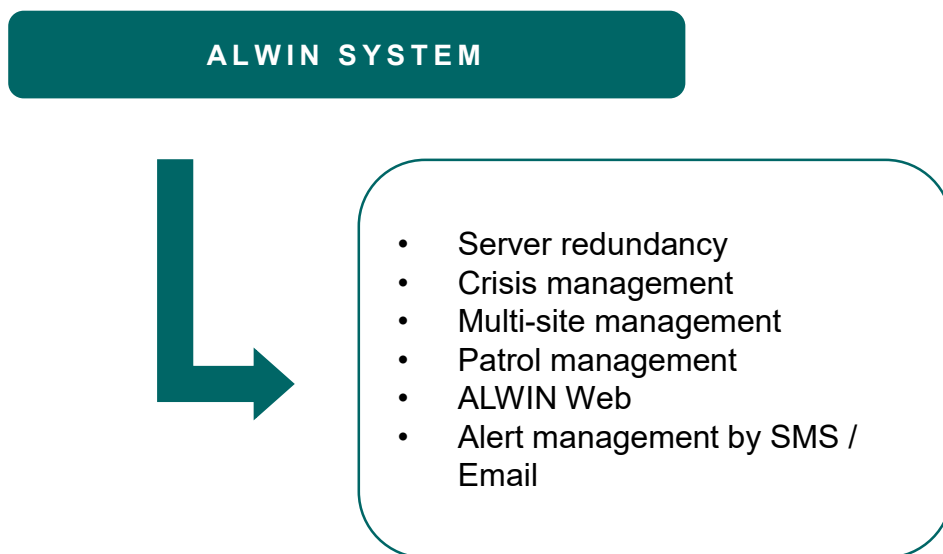
Intrusion detection : calculations with variables from different equipment over IP (alarm summaries), simultaneous actions on different intrusion zones.

ADDITIONAL MODULES

Patrol management : to optimize the work of security guards at the PCS, it is possible to program a patrol scenario.

Crisis management : the crisis mode is established and configured according to the study of customer needs. A functional description serves as a reference for the configuration and makes it possible to establish the various possible scenarios.

Multi-site management : remote sites and in different time zones can be managed separately through a single server.



REFERENCES	DESIGNATIONS
07-07-0720	ALWIN Software operator licence
07-07-0280	ALWIN Software web client licence
07-07-0300	ALWIN Software multi site and multi managers licence
07-07-0560	ALWIN Software module for processing alarms and on-call calls by SMS or email (GSM modem to be provided for sending SMS)