



Access control

INTEGRA control panels also mean access control system: if fitted with special modules, they can optionally control door opening by means of proximity cards. The access control can be in a simple way combined with alarm functions, thus providing a coherent system with a functionality which exceeds separate solutions.

Automation system

The strengths of INTEGRA control panels include their advanced functions of automatic control. The panels are provided with programmable timers and logical functions, which can be used for designing the smart building systems. An extra advantage of the solutions offered in INTEGRA control panels is the capability of close integration

of the protection and automation functions: it enables, for example, the light in the building to be easily switched off on arming the system.

Specifications of **Integra** control panels

	INTEGRA 24	INTEGRA 32	INTEGRA 64	INTEGRA 128	INTEGRA 128-WRL
System features					
Protection class	Techom class S / EN50131 Grade 3				
Maximum number of system zones	24	32	64	128	128
Maximum number of outputs	20	32	64	128	128
Partitions	4	16		32	
Users users + masters + installer	16+1+1	64+4+1	192+8+1		240+8+1
Event log		899	6143	22527	
System operation					
Number of keypads	4	4	8	8	8
Number of partition keypads	32	32	64	64	32
Maximum number of card readers	32	32	64	64	32
Communication					
Support for wireless devices		option			built-in
Communicator		PSTN telephone			GSM/GPRS

20 YEARS OF EXPERIENCE

Every year, since it was created in 1990, the SATEL Company has launched new products dedicated to protect of people and their property. You can find in our offer both a wide range of devices and accessories used in security systems, as well as equipment designed for companies engaged in monitoring thereof. Strategic investments in new technologies and innovative solutions ensure our leading position in the market. Dynamic development of the Company and expanding product portfolio are possible because of the trust the Customers have put in our solutions. Accurate recognition of the needs and requirements of our Customers is one of the Company success pillars.

Our mission is to provide our individual and corporate Customers with the sense of security and to raise standards in the field of people and property protection. Our staff make every effort so that the products bearing the SATEL brand name could offer safety the comfort of use and improve the quality of life.

Integra

Alarm control panel

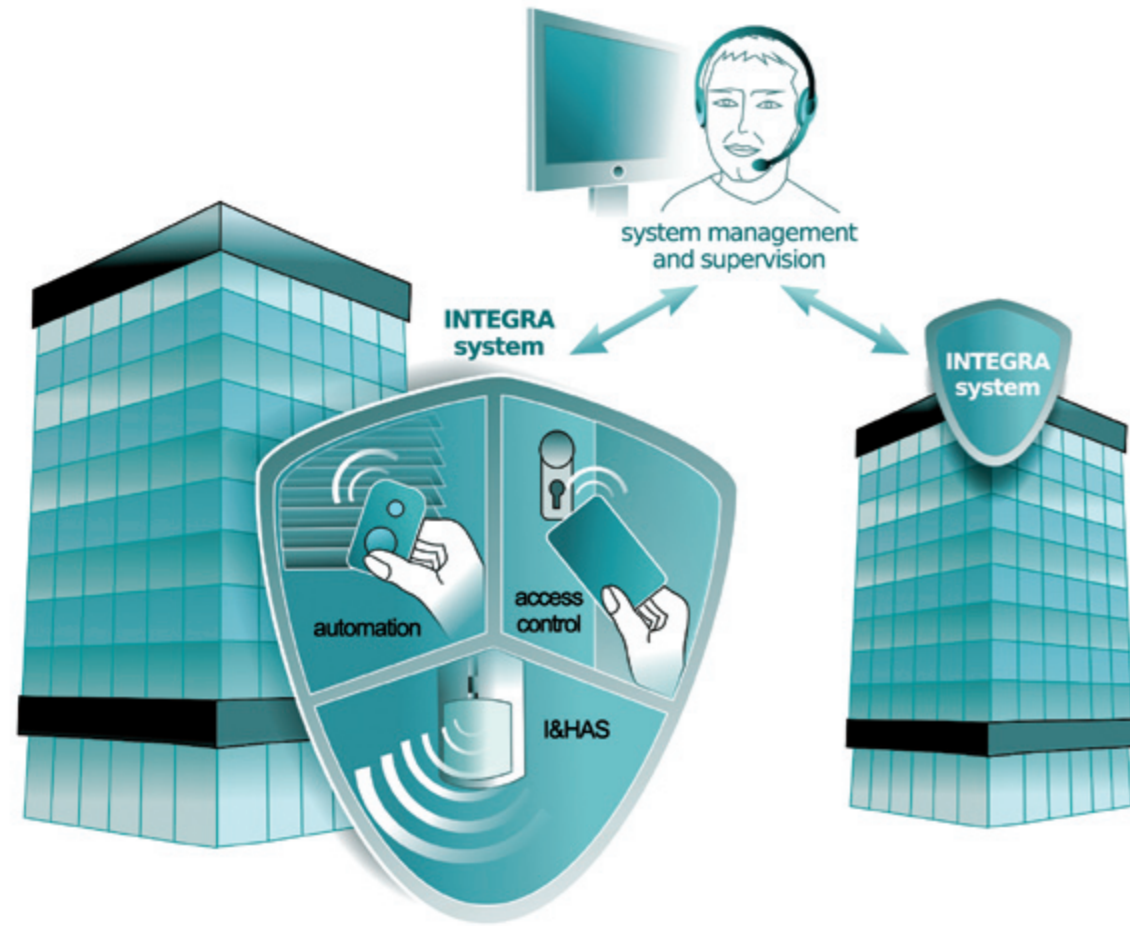
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Security for Your Company

Integra

Design with us the security system of your company, select the well-proven and recognized by experts **Integra solutions**



BRIEF DESCRIPTION OF INTEGRA ALARM CONTROL PANELS

The INTEGRA control panels are state-of-the-art and advanced devices which not only enable making the top-class security systems, but also provide access control and automatic operation functions for the so-called "smart building". Their construction incorporates experience gathered by the SATEL Company during nearly twenty years of designing the renowned and reliable electronic alarm devices. This modern series includes five control panels based on common solutions and differing among themselves by the number

of supported devices and expansion capabilities. Such a choice makes it possible to precisely customize the hardware resources to specific requirements of a particular project and thus contribute to cost-effectiveness.

SECURITY

EN+TECHOM certificates

The highest security offered by the INTEGRA control panels is guaranteed by certificates issued by such independent entities specializing in the evaluation of solutions applied in the security devices as the Polish TECHOM, the Norwegian DNV and the Swedish SBSC.

The certificates confirm that the equipment complies with restrictive requirements contained in the Class S criteria as well as in the industrial branch standards, series EN50131 (Grade 3).

Unique technical solutions

The INTEGRA control panels use advanced solutions, ensuring the highest protection level in every situation: entering two independent codes to obtain access to selected partitions, supervising the guard's rounds or defining the access time windows are just a few examples of the employed technologies. Owing to such solutions, systems can be cre-

ated which meet the strict security rules required in the highest-risk buildings.

System management and supervision (GuardX)

Using the features offered by the GuardX application, which is included in the system delivery set, the user can exercise both local and remote supervision and management of the security alarm system. This functionality makes it possible not only to manage privileges of system users, but also to monitor in real time the status of individual partitions and zones in the graphic mode. Optionally, the remote control of the system by users having a suitable authority level is also possible. The remote operation capability includes both telephone connection and TCP/IP communication, e.g. through Internet. All these features can be used in the security management center for round-the-clock supervision support.

COMMUNICATION FUNCTIONS

Remote control

The capability of remote system management makes it possible to rapidly respond to any needs as they arise, without the necessity of direct intervention in the system. Owing to such functionality you can, for example, connect with the control panel through Internet, in order to add a new user, or to change the system configuration. Additionally, using the STAM-2 PRO system allows you to centralize the management and supervision over many separate INTEGRA systems installed in different departments of the Company.

Video

The INTEGRA system can be expanded with visual alarm verification by adding the VIVER system. Thus, in case of alarm,



the receiving center will not only get information on the place where the system was activated, but also a sequence of pictures recorded by CCTV cameras connected to the system. This will not only allow you to quickly detect false alarms, thus reducing the costs of unnecessary interventions, but also to more precisely plan your measures which are to be undertaken if such necessity arises.

Monitoring

Efficient transmission of information to the alarm receiving center is one of the key functions of the security system. To this effect, the INTEGRA control panels can use not only the integrated telephone commu-

nicator, but also additional modules enabling GSM/GPRS and TCP/IP communication (e.g. in LAN, VLAN networks or via INTERNET).

LONG-TERM INVESTMENT INTO SECURITY

Hard-wired and wireless expansion

The INTEGRA system can be expanded at all times with the use of special expansion modules or by means of wireless devices. In this way, it is possible not only to increase the number of connectable detectors, but to develop functionality or facilitate everyday operation of the system as well.

Capability of adding new features by updating the firmware

The never ending work conducted by SATEL's engineers results in development of new versions of firmware for INTEGRA control panels. They enhance the already advanced functionality, adding new features and support for extra devices interacting with the control panel. Owing to their design, the firmware in INTEGRA control panels can be easily updated at any moment by means of connected computer, dismantling of the control panel being unnecessary.

EASE OF USE

Keypads, key fobs, cards

The engineers working for the SATEL Company are fully aware that a crucial aspect in designing the security alarm equipment is to minimize the possibility of user errors. This is why so much effort is taken to make the user interface intuitive and simple, but at the same time suitable for the advanced functionality offered by the INTEGRA control panels. Because of their flexibility, the system can be controlled by means of codes entered from keypads, as well as by using key fobs or proximity cards. Thus you can choose the most appropriate solution, best suited for the concrete situation.

Multilingual menu

The INTEGRA control panels are provided with multilingual text menus, hence operating them poses no difficulty even for the people who have previously had nothing to do with security systems. The messages presented on display are legible and unambiguous, which reduces the chance of user mistakes and errors, and increases the comfort in using the system.

Available functions matched with privileges

Selection of functions for particular users can be individually tailored by the system administrator. This is another solution which is meant as a safeguard against possible mistakes made when the system is operated by less experienced users, because of which they only have access to the options necessary for them.

QUALITY AND RELIABILITY

Quality management system according to ISO 9001:2000

The SATEL Company maintains a quality management system, implemented in 2002 and certified by Det Norske Veritas auditors. A number of its component procedures is aimed at guaranteeing continuous improvement in every field of the Company activities, ensuring high quality of the devices and full satisfaction of Customers.

Advanced manufacturing technology

INTEGRA control panels are made on fully automated assembly lines, using the surface-mount technology (SMD). When combined with the component base of world's leading manufacturers, it ensures practically trouble-free operation of devices during their entire life time.

Full-scope production testing

All pieces of devices manufactured by SATEL Company, including INTEGRA control panels, undergo a complete and meticulous test, carried out on a dedicated, computer-controlled stand. Therefore the device that reaches the Customer thoroughly tested, which practically eliminates the problem of factory defective products.

VERSATILITY

Advanced security system

First and foremost, the INTEGRA control panels mean an advanced security system with great potential. Advanced solutions, a range of available expansion modules and highly developed communication functions put them on the shortlist of world's best security alarm devices.

