





Advantages of the devices of ACCO access control system make it an **attractive product for companies and institutions** interested in supervision over personnel moving around their premises.



# state-of-the-art access control system

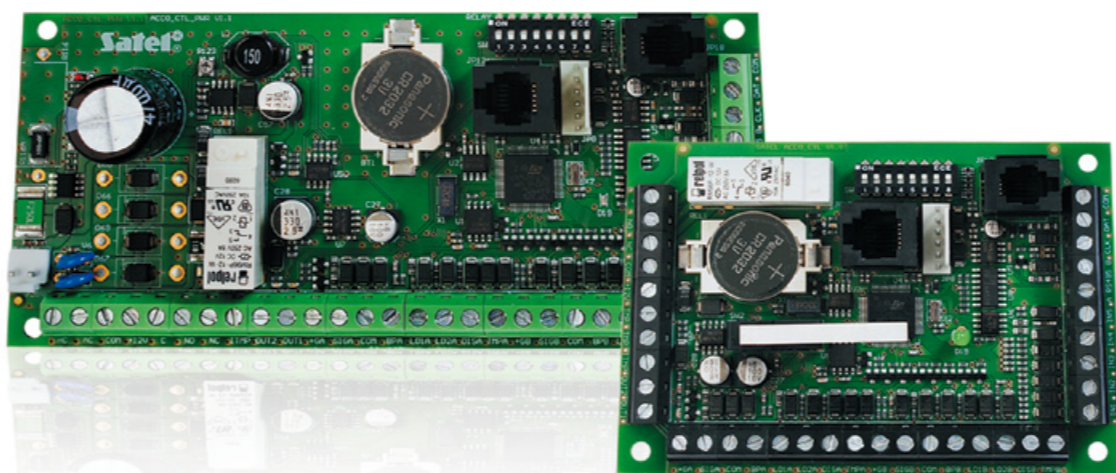
uncompromised security

The ACCO access control system enables the facility or selected spaces inside it to be protected against unauthorized access. Only authorized personnel and only at defined times during the day will be able to enter or leave the site. This is possible by making a list of authorized persons, who are identified, based on the code or card assigned to them. The door will only be opened when the person is identified by the system as authorized one. The ACCO system can also be used for control of generally accessible doors in locations such as shops or offices, where the doors will be open within specified hours, while outside those hours they will only be accessible to the authorized personnel.

The ACCO access control module offered by SATEL is an up-to-date device, designed for supervision of a single door. It can be used independently or as a part of a system.

Connecting controllers to the RS-485 bus makes it possible to build an ACCO system composed of up to 255 modules. Communication between them and the computer is provided by the ACCO-USB converter. If the modules are combined to form a system, the access control functionality will be significantly enhanced.

The access control module is a device independent of the user identification terminals. Thus it can be installed in a place protected against unauthorized access. Non-volatile memory of the module makes it possible to save the system configuration settings and all the recorded events, their number exceeding 24 thousand. The controller design enables its firmware to be updated at any moment, for which no dismantling is necessary. Simply connecting the computer to a single module or the entire system will do.



Adding and editing the users is possible by means of both the LCD keypad and the ACCO-SOFT-LT program. The LCD keypad enables easy and simple addition of a new user in the module or modification of user parameters in the system. The ACCO-SOFT-LT program makes additional tools available to facilitate user management in the system.

Realization of the access control requires installation of appropriate user identification devices, which are offered by SATEL for the ACCO system. Their selection depends on the intended method of identification. If it is to be based on a proximity card, select a device provided with proximity card reader. A device fitted with keypad is required where a code is to be used by the user. If identification is to be based on a card and code, it is necessary to connect devices which are equipped both with a proximity card reader and a keypad.

Based on the information gathered in the program data base, a presence report can be optionally generated. Such a list in which user entries and exits are recorded makes it possible to track the working hours and determine who and how long stayed at a

particular time and place. The presence report can be used for calculation of the working time, overtime and remuneration. It also allows you to check how much time the employees spend daily e.g. in the company canteen.

The function of user presence control helps to determine the time of user's entry into the facility, his/her late coming, if any, and the time of leaving the facility. By means of this function you can check whether the users use their own identifications, according to the company's in-house regulations. It is worthwhile mentioning that the function allows also to find the former employees' cards or codes, which should have already been deleted from the system.

The above mentioned advantages of the devices of ACCO access control system make it an attractive product for companies and institutions interested in supervision over personnel moving around their premises. Capabilities offered by the ACCO modules enable you to choose the most suitable solution for the monitored facility.



Additionally, the inputs and outputs on the ACCO module electronics board can be used to extend functionality of the module. They allow for installation of extra devices, such as door opening button or detectors, which can in a specific way modify operation of the system. You can also connect the alarm system outputs to enable control of a single module or the whole system. Thus, in situations such as burglary, all the doors will be automatically blocked, and, in case of fire, all the doors will be unblocked. The outputs can be used for connection of sirens / signaling devices, or for control of the security alarm system so that the events generated by access control can trigger specific reactions of the alarm system.

A single module can be configured by means of the LCD keypad. Fitted with a text menu, it can be easily handled even by people who have had no previous experience with this type of devices. The messages displayed on the keypad are legible and clear, which reduces the possibility of user's mistakes and errors and makes the system more comfortable to use.

Better capabilities, in terms of programming the settings, are provided by a computer with the ACCO-SOFT-LT program installed on it. The program is added free of charge to each purchased device. It enables comfortable operation and facilitates supervision of the work of a single module, as well as of the entire system. It offers tools to make the system management easier. It can be used to assign a plan to the supervised object, on which the system components can be arranged, their status being presented in real time. The role of the plan is not limited

to providing information alone. Provision is made for control of the door from the plan level. You can also enable the function of displaying photographs of the users who have used the terminals connected to the given module.

The ACCO-SOFT-LT program is logging in real time all events coming from the whole system. They can be comfortably viewed by using the functions available in the program, including the advanced filtering to pick out the events which are required by the administrator at some point of time.

Up to 1024 users can be registered in a single ACCO module. Each user is assigned a name, card, code, as well as access schedules and authority level. An option is provided to combine the users into groups, which significantly facilitates the user management. One group can include e.g. all personnel working the same shift or having access to a given room at the same time. Up to 255 such groups can be created.

The time schedules assigned to the users allow access to selected places within defined time frames. This makes it possible to adapt the access hours of a user to his/her working hours. For example, a user who works from 8:00 to 16:00 can enter the selected room from 7:30 to 16:30. Additionally, owing to the entry limiting feature, it can be defined how many times the selected person can open the door. On the other hand, activating the Anti passback function will prevent the owner of identification from giving it over to another person so that he/she can get access.



the ACCO access control system means uncompromised security for your company

