

Bewator 2010

Uniclass L452	EPIC M213
CI/SfB (68.2)	X

An integrated system for intruder alarm, access control, video management and fire warning



Integrated functions

Intruder alarm



Nowadays, intruder alarms are a matter of course for most organisations. They prevent and minimise loss in the event of a break in. Bewator 2010 can be installed in several premises with a large number of alarm zones. The system provides a completely flexible system for controlling all alarm functions. In addition to the standard functions of an intruder alarm, it is possible to set a range of additional functions such as: fully automatic set and unset; control by card; code only or card + code. There are also user programmable functions that will allow logic conditions to control delays, interlocks, access and alarm control. By connecting a mobile telephone module to the system, you can also receive detailed alarm information via (SMS)



text messaging to your mobile telephone. Bewator 2010 can handle all types of alarm input. For guards and system operators there is also a special indicator control panel for controlling and reporting the system status and events. Naturally, all setting and resetting of alarm conditions are displayed simultaneously on the PC and the local control panel.

Fire warning



The fire 'warning' uses the system's architecture in order to inform and to protect people and property. Bewator 2010 contains functions for evacuation alarms in the event a fire and fire door closure. In addition, all selected doors can be opened or closed automatically in the event of a fire, lifts can be shut down and the airflow from ventilation units cut off. Fire 'warning' should not be confused with a traditional fire alarm, but the Bewator 2010 is the perfect solution when you need an evacuation alarm and/or a system to close fire doors that may have been left open. With the fire warning as part of the 2010 system, it is possible to identify addressable zones and switch active detectors to passive from the alarm graphic on the PC. The 2010 system also includes a special fire protection display module that was developed specifically for facilities that transmit alarms to the local fire service.

Other functions

Personal Attack alarm – Attack alarms, distress alarms or alarms from lifts can be linked up. The alarm can then be directed towards different receivers at different times of day.

Environmental alarm – Technical and environmental systems that need to be monitored can also be linked up to Bewator

Access control



It is important for staff safety and company security that only authorised individuals are admitted to the workplace. Bewator 2010 avoids the use of keys, which can often be misplaced, stolen or copied. Instead, authorised personnel use a card. If a card is lost or stolen, it could easily be locked out of the system. Bewator 2010 can be adapted to all types of installation, from a single door with an electric strike or motorised lock, to high-security facilities with thousands of doors and users. Bewator's extensive range of readers offers a wide choice of options. You can choose to open doors and control alarms via a keypad, magnetic card, proximity reader (range 10 cm) or hands free reader (range 1 m). The system also offers a function for programming access cards, providing simple and economical card management.

Video management



Video surveillance provides unique opportunities for preventing and tracking events. Bewator Eventys is a complete digital video management system that now integrates with Bewator 2010. An unlimited number of cameras can be connected to the system, and each camera can be programmed separately based on individual criteria, such as motion, date, special events, different times during the day, or different days during the week. A 'trigger' from the intruder alarm or fire alarm, invalid card/code, etc. can direct selected cameras to record pictures before, during and after the alarm input. The entire sequence of events can then be played back directly in Bewator 2010 via reports or video images, providing a direct time synchronisation between the alarm event and the image. You can also search via time/date, event, activity or motion. This provides maximum flexibility, allowing you to focus on the increased security awareness that may be needed at different times. The system can be quickly used to detect and investigate events that deviate from the normal pattern. It is therefore suitable for controlling a large number of cameras. Bewator Eventys allows you to view all of the cameras directly via your PC, regardless of where they are installed. Bewator Eventys lets you act quickly to minimise potential risks.

2010. These may include ventilation systems, motors, pumps, refrigeration units, etc.

Control functions – Bewator 2010 can be used for a whole range of different control functions in a building, e.g. lighting control, time distribution, door control or other, general control functions for the building.

Bewator 2010 protects people and property



Bewator 2010 is a security system with unique features that integrate intruder alarm, access control, video management and fire 'warning'. The system is intended for companies and organisations requiring full control over security. Bewator 2010 allows for centralised surveillance of one or more buildings and contains all the tools required in a modern security management system, with the facility to monitor, act upon and follow up everything related to security. Bewator 2010 has other built-in functions, including personal attack alarm, environmental alarm and various general control functions for building management. One of the many advantages of Bewator 2010 is that you cannot outgrow the system. It is completely modular in design and therefore future-proof, which will allow you to start with a small system and build it gradually to meet your changing requirements over time.



The benefits of an integrated system

Having all of your security functions integrated into one system offers a number of benefits:

Security

There is a major benefit in having one supplier with complete responsibility for all of the security functions.

Simplicity

A single PC software program controls all of the security functions, is easy to learn and allows the system to be simply monitored and administered.

Time saving

Everything can be controlled from the same place, saving time at installation and during operation and in service.

Cost-effectiveness

Installing one set of cabling, hardware and software results in lower installation and running costs.

Easy system overview and operation



Bewator 2010 is simple to control from one or more PCs. In order to allow several people to work on the system, it is possible to provide selective authorisation. For example, one user may be able to administer only individual access cards, another person can administer both cards and the report generator, while a third can administer the entire system.



Access Authorisation

New access cards are produced from a simple and straightforward menu with all of the system functions easily accessible. Stored information includes name, authorisation level, any PIN code and the times during which the card will be valid.

Graphical User Interface (GUI)

The user-friendly graphics in Bewator 2010 mean that facilities large and small can be easily monitored and controlled. All doors and transactions are visible; alarms are identified, acknowledged and reset directly from the PC. Bewator Eventys video management system will also provide an overview of all cameras directly via your PC. Obviously, surveillance occurs in real time, but the system can also provide an almost limitless number of search options for playback of events.

Reports

Various types of report can be accessed and stored or printed from the database.

- System report with all settings. - For installation personnel and system administrators.
- Administration report with cards, codes and personal information - For the system administrator.
- Event report - with the facility to search by events, alarm zone or specific areas of the facility and within certain time parameters - For security managers.
- Security report where all the system users can be tracked in terms of their commands and settings. - For system owners to provide an audit trail verification of operator activity.

Central and local

Although Bewator 2010 is an integrated system that brings together intruder alarm, access control, video management and fire warning it is also a decentralised system. This means that there is no central control unit. Instead, the system is distributed via a communications network comprising small locally placed intelligent units which

will control alarms, access control and video surveillance autonomously. For example, if the intruder alarm is set off in a remote building, this can be seen and acted upon centrally. At the same time, the alarm can be relayed locally to the nearest security guard or local Security Company for immediate response.

Central surveillance



Local autonomous functionality



Bewator 2010 – an open system



The Bewator 2010 and PC workstations can communicate via a TCP/IP-data network, dial-up modem via the telephone network, short-haul modem or fibre optic cables. Bewator 2010 is a so-called “open system” built with LonWorks technology, which means that it can communicate with other systems in the building, for example, time recording, BMS or HR and personnel systems. This pre-

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Bewator 2010 Satellite

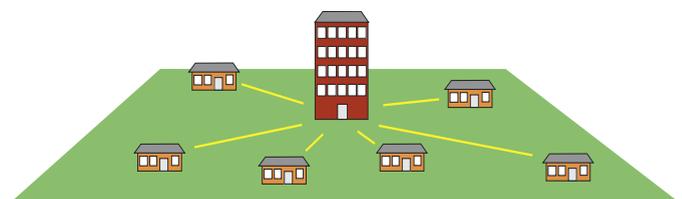
for central monitoring of smaller properties

For remotely monitoring and controlling smaller premises and out stations, the Bewator 2010 Satellite is the ideal solution. The Satellite is a smaller version of the Bewator 2010, but with the same functionality. Some typical examples are: small schools/pre-school, boutiques, petrol stations, service areas (relay stations, etc.), and storage areas. Of course the Satellite can also be used in larger buildings that have a limited need for an alarm system, access control or video surveillance.

A Bewator 2010 Satellite can be placed in each remote location and function completely independently. This location can then be remotely monitored and controlled using a data network or modem connection. Simple graphic

commands are used for monitoring and controlling the system.

The Bewator 2010 Satellite lets you to manage all functions from one location, while providing total security control and monitoring. The result is a comprehensive, yet cost efficient security solution.



Bewator 2010 Integrated system

Bewator 2010 suitable for all types of buildings

Bewator 2010 is suitable for all companies and organisations that want a single solution for intruder alarm access control and video surveillance. Organisations that have already installed Bewator 2010 include:

Local authorities – More and more local authorities are choosing Bewator 2010 as a total solution for electronic security for all local government buildings. Communication via a dial-up modem or data network allows for complete control of all remote buildings.

Hospitals – The ability to administer several facilities via a data network allows a centralised organisation to easily manage the main hospital campus and all of the outlying buildings.

Retail – Bewator 2010 is the solution of choice for many shopping centres, allowing a system to be divided between several different stores, thus minimising the cost per trading unit. The system becomes a central resource for the whole development. Retail chains are also using the Bewator 2010 to be able to control and monitor the security of multiple stores from one central location.

Offices – Office buildings regularly turn to Bewator 2010 for security. Here too, the facility to divide up the system between different tenants is a popular and cost effective solution.

In addition to these examples, Bewator 2010 has been installed in a number of, industrial, logistics and distribution facilities as well as several museums and art galleries.



Project planning, installation, commissioning, training and after sales service are all handled by well-trained Bewator 2010 partners across the entire country. Contact us for more information.

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