Opening the door to added security and cost efficiency.

SecuriGate Expert

A step forward for efficient access.

High-security access control made simple.

For many companies and institutions, professional access control is as indispensable as a reliable power supply. This is hardly surprising, as a great deal of damage can be caused very quickly if unauthorised persons gain access to company secrets, sensitive data or assets. Solutions are thus required that can be used to control access to each individual room with maximum security and as little effort as possible.

SecuriGate Expert – the modern access control system from Securiton – meets the most exacting requirements when it comes to security, cost efficiency and operating comfort. Thanks to its scalability, both SMEs and large companies can take advantage of its unique benefits. With the fully integrated Workflow Tool and/or mandating possibilities, a single system can even be shared by several companies – such as those in a business park. Alternatively, it also offers perfect coverage for a national network of branches. Regardless of how large your company is and how complex the security situation may be, SecuriGate Expert controls access reliably, efficiently and with outstanding precision.
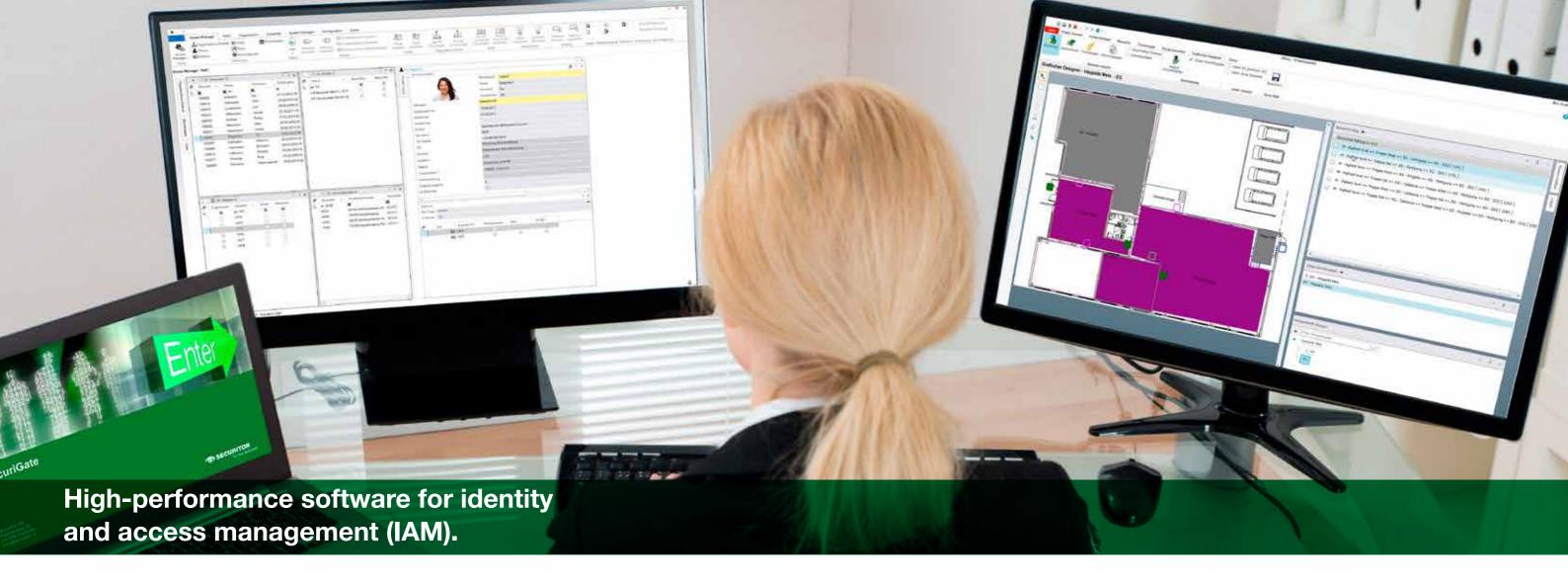
Everything from a single source – for optimal performance.

Securiton itself developed SecuriGate Expert from scratch as an overall system. This ensures smooth interaction between all hardware and software components. When designing the system, a particular focus was placed on its future viability. The basis for automatable, secure updating in future is already in place, meaning your investments are secured over the long term. As SecuriGate Expert can display your operating processes and thus simplify your workflows as a process-oriented system, you will see a noticeable reduction in your management needs.

SecuriGate Expert has a modular design and can be flexibly adapted to your needs. The comprehensive range of functions, access technologies, identification media and networking possibilities with third-party systems is included as standard. This means you can integrate mechanical or mechatronic access components into SecuriGate Expert without any problems. After making a decision on what you need, you will receive an individually configured access control system that can be installed with surprising ease.

SecuriGate Expert – fact sheet:

- Forward-looking overall system for process-oriented access control
- Secure, reliable, cost-effective solution
- Scaling and mandating possibilities
- Modular system architecture
- Simple installation and updates
- Safeguarded investment

High-performance software for identity and access management (IAM).

Flexible, with optimal availability and ease of use.

The core of SecuriGate Expert is found in its software. With its service-oriented architecture, this perfectly takes into account your needs in terms of scalability, network security and high availability. High loads – such as intensive user activity – are dealt with perfectly by SecuriGate Expert. Thanks to load balancing, the system is highly available and the software is integrated seamlessly into common IT environments through the standard transmission protocols used. Maximum security is ensured by sophisticated authentication and encryption processes, plus revision-proof log files in which every access-relevant mutation is visible.

Users feel immediately at home when working with SecuriGate Expert. The interfaces and functions feature the familiar MS Office layout. Operation of the system is easy and can be carried out as a secondary task without any problems: all system data that is important for operation is clearly displayed in the Access Manager Studio. Frequent processes such as single and mass mutations are carried out in a quick and targeted fashion.
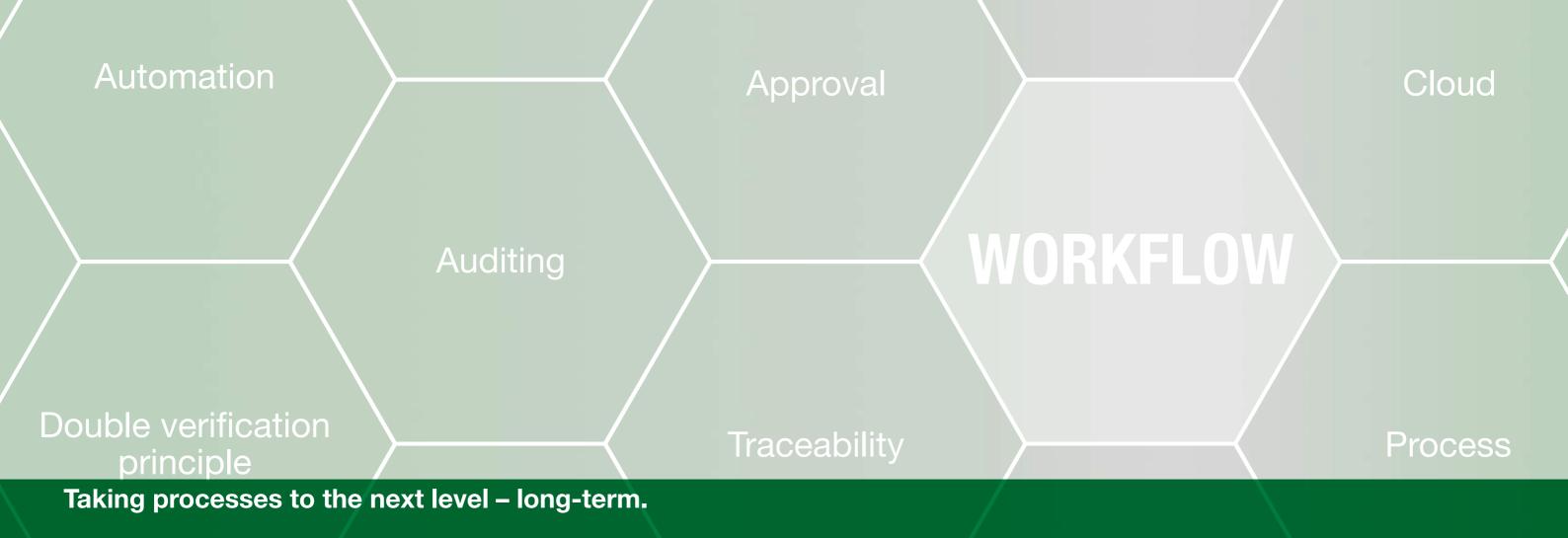
User-specific functions and sophisticated zone concepts.

SecuriGate Expert adapts itself smoothly to the needs of individual user groups. Staff working in IT, security, on the security console and in facility management work on function-specific interfaces. In particular, these depict the processes that are required for the corresponding tasks. Virtually no training is required and the burden on your administration team is reduced. At the same time, the quality of work also improves – your visitors will appreciate the efficient, professional reception and the door states are monitored and controlled perfectly.

Who is allowed to enter which rooms, and when? Where are people located in the premises? As soon as the zone concept is implemented, answers to these questions are available in an instant. SecuriGate Expert maps the various function-relevant and security-relevant zones onto the floor plans. Moreover, the system also calculates the possible paths through the building when required. Each employee can see their permitted path in a clear visualisation. For example, you can make sure that the destinations applied for by the employees can also be reached via suitable paths. Your personnel then does not have to worry about making additional applications for the path.

SecuriGate Expert – secure and flexible:

- Service-oriented, modular software architecture
- Integrated security in all services
- Revision-proof
- Single Sign On compatible with Windows OS
- Role-based access rights system
- Multimedia: multiple media per person possible
- Multiprofile: multiple profiles per medium possible

SecuriGate Expert – keeping a close eye on your business:

- Console programs based on the use case
- Function-specific user interfaces
- Alarm manager
- Door and passage manager
- Zone concepts
- Visualisation of zones, access points and paths
- Zone balancing, e.g. how many people are in a zone / who is in a zone at present
- Automatic zone path calculation

Automation

Approval

Cloud

Auditing

WORKFLOW

Double verification principle

Traceability

Process

Taking processes to the next level – long-term.

Automated management of rights and media.

SecuriGate Expert offers ideal conditions for freeing up resources and reducing costs. With its integrated Workflow Tool, you can optimise processes in a sophisticated way. This includes the active integration of your employees, who can apply for a badge independently via the web ticket portal in just a few steps. Alternatively, they can apply for access authorisation for certain zones in the company. Lost badge? No problem – the employee can block the ID medium in just seconds.

In the background, the system forwards the requests and information automatically to the right place. After these have granted their approval – also with just a few clicks – SecuriGate Expert quickly creates the necessary media and authorisations. The processes are automated to a high level across the entire life cycle of the employees: these include entries, exits, mutations, access authorisation checks and removal of unused access profiles and media.

Added speed – but without sacrificing on security.

Accelerating and cleaning your processes cannot be made at the expense of security. SecuriGate Expert brings both of these demands together in perfect harmony. This means that all orders made via the SecuriGate Expert Workflow Tool can be traced at all times: who applied for what, who approved the request and when, from when could the employee utilise the new rights or medium? Like any other workflow, you can also have the approval process individually configured and automated. The double verification process is recommended for ensuring optimal security. In this way, line managers and zone managers can decide jointly on which access rights are granted, for example.

Your security manager can audit the access rights periodically: an audit is started at the touch of a button – the manager and/or zone manager then checks the access rights of the employees and either confirms them or withdraws them directly.

Process-oriented access control – your advantages:

- Accelerated business processes
- Reduces the burden on the people responsible for operation
- Reduces access rights to those that are needed
- Automated PIN changes, photos, media orders etc.
- Automated blocking and unblocking of media
- Automated workflows for access authorisations
- Added responsibility and higher awareness of security issues among employees

High levels of process reliability:

- Each activity can be traced
- Secure, automated approval procedure
- Double verification principle, particularly with people responsible for zones and profiles
- Automated auditing
- Access rights always kept up to date

Seamless interplay with other systems.

Secure web service interfaces.

SecuriGate Expert is used to import and export data simply, securely and with a high degree of automation. Interface adapters using pioneering web service technology are used for exchanging data with other systems. With their homogeneous, standardised system architecture, they cover virtually all possibilities for ensuring an efficient flow of data. Data is transferred in encrypted format and is available directly for processing. Thanks to their sophisticated design, the interface adapters allow for cost-effective, robust and secure system connections.

The peripheral systems and third-party systems synchronise automatically with SecuriGate Expert via the web service interfaces and vice versa. As soon as data is changed in SecuriGate Expert, the connected systems receive a notification. Similarly, mutations made in third-party systems are also immediately transferred to SecuriGate Expert and displayed. The interface functions can be changed or expanded according to your needs through the use of different adapters.

Flawless data exchange with peripheral systems and third-party systems.

Everything is much simpler when the left hand knows what the right hand is doing. SecuriGate Expert communicates with virtually all peripheral systems and third-party systems via its web service interfaces: personnel data, individual authorisations, badge data – all the way up to entire organisation units and group authorisations – are exchanged quickly and correctly. For example, cash, printing and parking systems know immediately which rights a new employee has and which medium they are permitted to use. Additionally, updated basic personnel data is transferred to SecuriGate Expert from the HR department at the correct time. SAP and other ERP systems are also connected easily, which significantly improves the efficiency of your operating processes.

Importing external data is child's play using SecuriGate Expert. An existing access control system can be connected to SecuriGate Expert so that SecuriGate Expert works as a superordinate system. Moreover, SecuriGate Expert is also perfectly compatible with superordinate management systems, such as the UMS security management system from Securiton.

Interfaces – robust and powerful:

- Flexible interface concept
- Function-dependent interface adapters
- Uniform, standardised system architecture
- Independent updates on connected systems
- High levels of stability and security

Imports and exports – quick and secure:

Imports:
- Basic personnel data
- SecuriGate Expert user and role assignment
- Badges and their assignment to a person
- Organisation units and cost centres
- Rights assignment (assignment of profile to badge)

Exports:
- Basic personnel data, badges (including badges assigned to people)
- Access right assignment
- Access information (profiles)

The right equipment for any access point.

Comprehensive range of hardware and technologies.

Each room and each zone in your company should be protected exactly according to its security level. At the same time, the productivity of your employees should not be affected by complicated access procedures. With the comprehensive range of hardware and technology in SecuriGate Expert, you can achieve both goals perfectly.

The portfolio for comfortable and secure access includes all pioneering technologies: SecuriGate Expert integrates RFIDs, SmartCards, PINs etc. plus mechanical and mechatronic locking components via the Vi-NET virtual network. SecuriGate Expert is also pioneering in its use

of biometry – you can choose between fingerprint, vein and iris recognition, and between OnCard and OnDatabase biometry or an individual solution. Whether you want to equip your access points with online or offline components or radio technology, there are no limits when using SecuriGate Expert. The hardware components developed and manufactured by Securiton are characterised by maximum availability and durability. They excel in use on doors of all kinds, in interlocks and lifts, and at entrances, underground car parks and other access points.

Intelligence is key.

Better safe than sorry – data is transferred securely in SecuriGate Expert, from the software all the way through to the access medium. This prevents unwanted manipulations on all levels. You can have a say in the level of encryption by installing your own cryptographic element when required, which further increases the level of security. The firmware updates on peripherals are also encrypted and certified, and can be easily installed from a central point.

SecuriGate Expert enables multiple identifications for access to particularly sensitive zones, for example the combination of RFID card, PIN entry and biometric identification. Conversely, a user can open the underground car park, control the lift, access the permitted zones, pay in the canteen, print and copy comfortably with a single medium.

Good for your budget: the entire hardware range from Securiton is designed so that existing cabling can be used when installing SecuriGate Expert. Moreover, no maintenance-intensive special electrical circuits are required for controlling an interlock.

Pioneering technologies for any security need:

• RFID: badges with individual designs
• Biometry: OnCard or OnDatabase data, optional live detection
• Mechanical and video interlocks, multi-entry
• Selective lift control
• Access on card (offline) with Vi-NET or OSS-SO
• Wireless online and WireLan online

Secure networking:

• Encrypted communication between media and readers
• Automated, encrypted firmware updates
• Seamless event feedback
• Automatic notification of the battery status of door components
• Permanent system monitoring
• Reporting

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