

Our electronic security solutions



Welcome to the world of electronic security by Protectas

At Protectas, we push the boundaries of security to deliver state-of-the-art solutions tailored to our customers' evolving needs. This brochure presents our complete range of electronic security solutions, designed to protect, connect and optimize your sites, whatever their size or complexity.

Thanks to our unique “Full Managed By” model, we can support you from risk assessment to installation, maintenance and day-to-day management of your security.

Our solutions integrate the most advanced technologies: from thermal cameras for infallible detection, even in the most difficult conditions, to robust cybersecurity systems that guarantee the protection of your data and infrastructure.

Our most advanced technologies range from video surveillance to artificial intelligence, perimeter protection, intelligent access management and 24/7 surveillance.

As you browse through these pages, you'll discover how we transform security into a complete, innovative, turnkey service. We combine human expertise and technological innovation to deliver customized, scalable and reliable security, so you can focus on what's most important: your business.

With Protectas, choose uncompromising safety.

“Our vision is to provide a turnkey solution, suitable for future evolution and enabling the customer to benefit from new services at any time.”

Pascal Hulalka, Solutions Director, Protectas

The Protectas “Full Managed By” model

With Protectas, you choose **turnkey** electronic security solutions in the form of **monthly installments**:

- Installation and connection of equipment/hardware
- Software configuration and licenses
- Total maintenance of installations by our experts*
- 24/7 alarm management by our alarm control center (SOC)
- Remote services and 24/7 intervention

Traditional model vs. Full Managed By

Traditional		Full Managed By
Not connected	Integration and system	Connected & monitored 24/7
Self-Operated	Installation & maintenance	Operated by Protectas
Initial cost	Financial model	Monthly installments
Client	Liability	Protectas

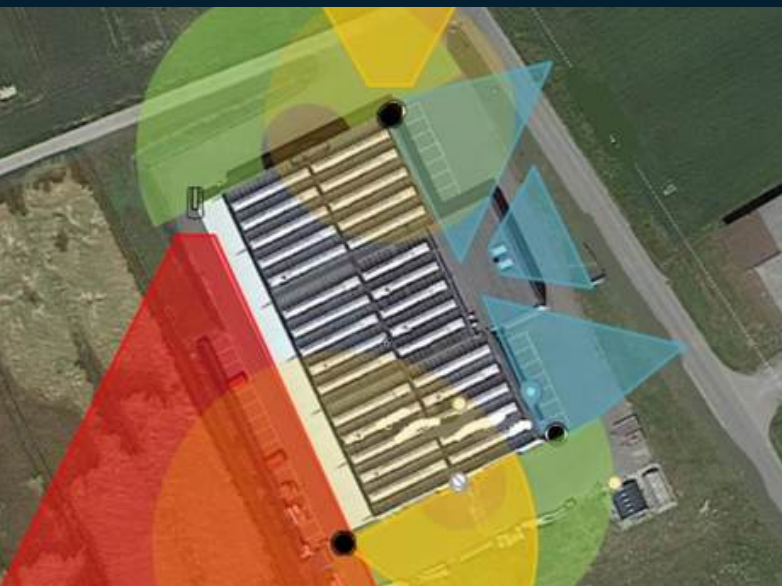
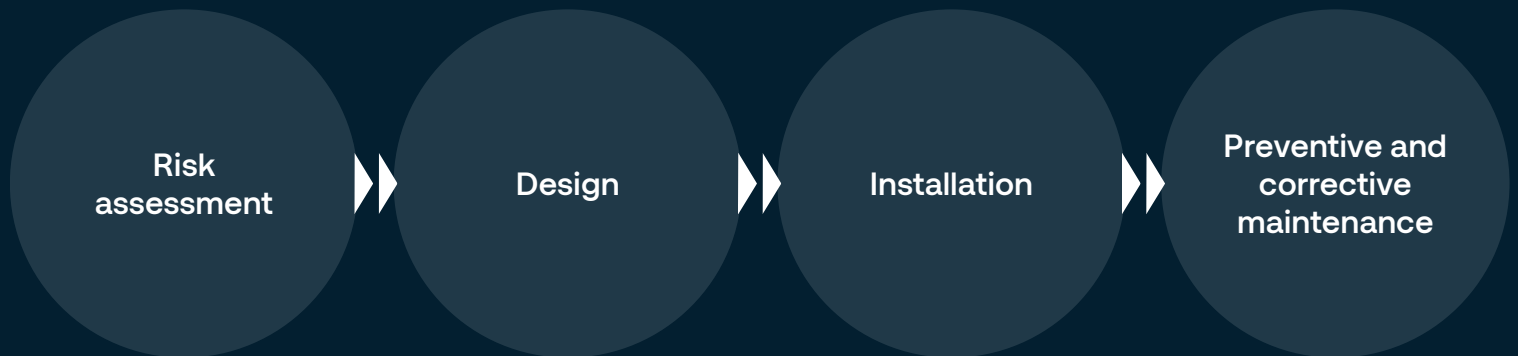
“As a global leader in technology integration, our security solutions protect, connect and optimize organizations of all types and sizes.”

Grégory Menétrey, Product Manager, Protectas

The Protectas “Full Managed By” model

We ensure the efficiency of your system from start to finish; from site analysis, through design and installation, to system maintenance for the entire duration of your contract.

- Risk analysis
- Technical design
- Installation
- Maintenance
- Technical intervention



The “Full Managed by” model applies to our entire solutions portfolio and, as part of the Securitas AB Group, we draw on global expertise:

- Operations in 47 countries
- +153,000 customers worldwide
- +360'000 employees
- Multinational technology partnerships



Our “Full Managed By” solutions

Detection

- Video surveillance cameras (RVS)
- Radars
- Thermal cameras
- Indoor anti-intrusion systems
- Stand-alone outdoor video intrusion system (SAVEA)
- Lone workers protection
- Fence intrusion detection
- AI-based detection of suspicious movement

Deterrence

- Loudspeakers and sirens
- Floodlights

Access

- Access control systems
- Intercom
- Electronic key boxes and tubes
- Visitor management and virtual reception
- People counting

Monitoring and intervention

- On-site agents
- Rounds and patrols

Remote monitoring and analysis

- Alarm receiving centers (SOC)
- Remote technical maintenance

Our partners in
Switzerland

Contact

Video surveillance cameras

Thanks to their high definition and advanced intelligent analysis capabilities, IP cameras deliver highly accurate images. Dissuasive, they increase the security of your site, provide evidence and enable identification.

- HD images day and night
- AI analysis
- Coverage up to 160m
- Rugged and waterproof
- Cyber-secured



Thanks to state-of-the-art solutions, our cameras guarantee precise, reliable surveillance, protecting your installations in all circumstances.

- 360° PTZ, dome, panoramic, fixed and corner models
- IR night vision, even in total darkness
- 2 MP to 20 MP and up to 8k
- AI search and analysis
- Object classification based on Deep Learning
- Integrated cybersecurity functions
- Rugged models resistant to the elements (IK10, IP67, 60 m/s winds)
- Integrated audio and microphone



Radars

Radars enable precise detection and tracking (speed and direction), regardless of visibility conditions. Snow, rain, fog, smoke and even small insects will have no impact on the detection of the monitored area.

- Day and night detection
- Fog detection
- Coverage up to 150 m
- Rugged and waterproof
- Cyber-secured



Our high-precision radars ensure optimum detection, even in the most extreme conditions, for enhanced safety.

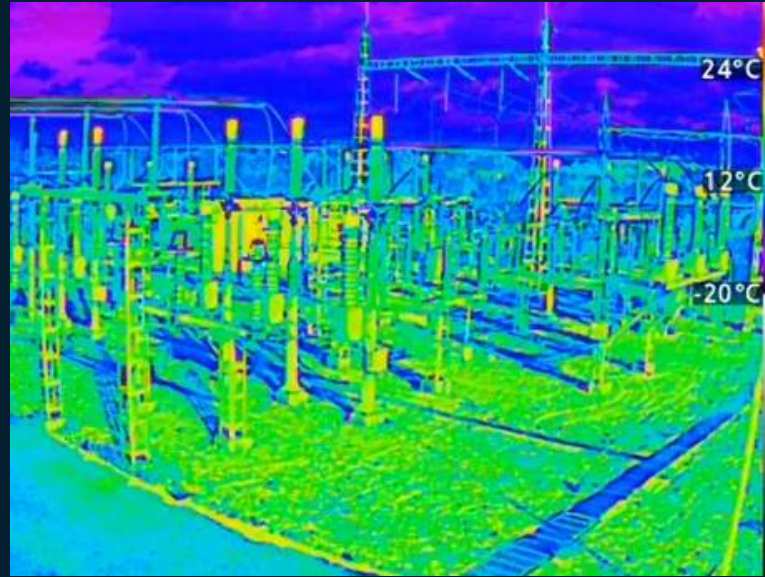
- Full area coverage up to 180°, 24/7
- Area and road monitoring
- Speed (up to 200 km/h) and direction monitoring
- Detection range up to 150 m
- Integrated analysis
- Synchronization with other systems



Thermal cameras

Thermal cameras capture images based solely on the heat emitted by organic and inorganic objects. They are not sensitive to difficult lighting conditions such as darkness, fog or glare.

- Night surveillance
- Fire detection
- Up to 3 km coverage
- Robust and waterproof
- Cyber-secured



Latest-generation thermal imaging cameras identify risks invisible to the naked eye, guaranteeing unrivalled protection.

- Physical and temperature monitoring
- Early fire detection analysis
- Predictive maintenance planning
- Spot temperature reading
- 360° and panoramic field of view
- Rugged, weatherproof models (IP66, NEMA 4X & IK10)
- Advanced cybersecurity functions



Interior anti-intrusion system

An alarm system is essential to prevent or limit the risk of intrusion and vandalism.

As well as acting as a deterrent, the system transmits an alarm signal to our central monitoring station.

- Integrated system
- Rapid response
- Fire detection
- Video confirmation
- History (Cloud)



Our anti-intrusion systems dissuade, minimize the risk of intrusion and limit damage, giving you peace of mind 24/7.

- Alarm control unit, aka the brain of the system
- Intuitive control panel
- Motion- and noise-sensitive sensors
- On-site alarm signal via siren
- Alarm signal sent to smartphone + history
- Alarm signal sent to Protectas alarm receiving center
- Adapted to business needs
- Deter intruders and burglars



Stand-alone outdoor video intrusion system (SAVEA)

Ideal for difficult outdoor sites where no power supply is available. With HD-quality images and night vision, resistance to the elements and image analysis by artificial intelligence, SAVEA is the ideal system for outdoor detection and difficult environments.

- Wireless, 100% autonomous
- Long-life batteries
- Cloud + Protectas SOC
- Intelligent detection
- Resistant to the elements



The SAVEA system combines autonomy and intelligence to effectively detect and deter outdoor intruders.

- Zero wiring, autonomous system
- Installation on any surface
- Day and night detection
- Guaranteed intelligent analysis up to 35m
- Elimination of false alarms by AI
- Cloud with AI search and analysis
- Several months with one recharge
- Rugged and resistant to the elements (IK10, IP67)
- Siren, keypad and solar panel options



Protection for lone workers

Lone worker protection solutions provide employees in isolated situations or on the move with direct detection and connection in the event of an alarm. The device enables geolocation and emergency calls in case of aggression, immobility or loss of verticality.

- 3 alarm modes
- Two-way audio
- Connected to SOC
- GPS location
- Cloud with history



Our connected lone worker solutions ensure the safety of isolated workers by enabling rapid intervention in the event of an emergency.

- Connected to Protectas alarm receiving center (SOC)
- Alarm button
- Prolonged immobility alarm
- Loss of verticality alarm
- Audio alarm (Protectas SOC)
- GPS location and detection beacons per floor
- Cloud with history and automatic reminder
- Network (Swisscom) and Wifi connection
- Numerous attachment accessories



Fence intrusion detection

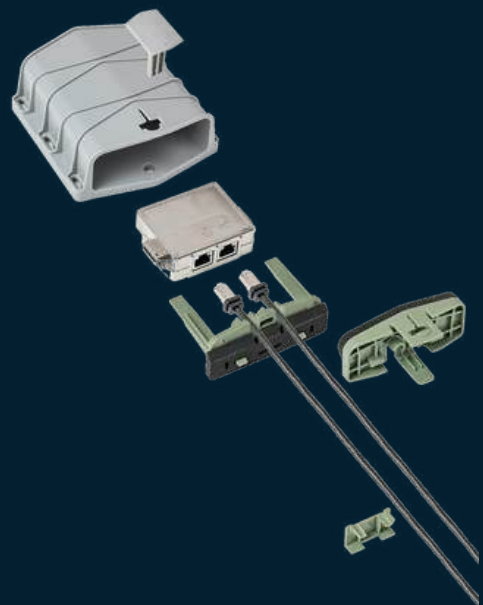
Fence perimeter protection is an important asset for industrial, commercial as well as public and private residential sites. Thanks to different sensitivity levels and vibration analysis systems, perimeter security and integrity is guaranteed.

- No false alarms
- Up to 1m accuracy
- No coverage limit
- Insensitive to the elements
- For all types of site



Advanced perimeter detection ensures continuous monitoring and total security of your sensitive areas.

- Detection on all types of fence
- Intrusion localization with up to 1m of accuracy
- Vibration analysis and false alarm sorting
- Unique configuration for each site
- IP66, -40°C to +70°C
- Software for configuration and history
- Also works on concrete walls



Suspicious behavior detection

AI-based detection of suspicious movements is ideal for reducing theft, consumption and in-store losses, increasing security and significantly lowering costs.

- Real-time analysis
- RVS interoperability
- Alarms on mobile app
- Immediate detection
- Local server



Artificial intelligence detects abnormal behavior in real time to prevent theft before it occurs.

- Compatible with all types of RVS systems
- Alarms sent via software and mobile app
- Detection without facial recognition
- Quarterly algorithm updates
- Deep Learning and AI analysis
- nLPD and RGPD compliant
- 600,000 detection points
- Immediate intervention
- Local server



Speakers and sirens

Loudspeakers and/or sirens can deter, and in most cases prevent, an intrusion. Combined with a detection system, they are the first line of defense against intrusion, enabling immediate and remote action on site.

- Audio and microphones
- Sound compensation
- IoT connectivity
- Rugged and waterproof
- Light and sound



We offer advanced sound technology to instantly deter intruders and enhance security.

- Connected to Protectas alarm receiving center (SOC)
- All-in-one system with audio and microphone
- Standard network connection
- Voice amplification
- Water and vandal resistant
- 85dB siren with motion detection
- Synchronization with other systems



Floodlights

Connected floodlights are an effective deterrent to night-time crime, providing powerful, instant illumination. Connected to an anti-intrusion system, they provide an extra layer of protection and enhance identification.

- White LEDs
- Adjustable intensity
- IoT connectivity
- Flexible angle
- Rugged and waterproof



We provide powerful, intelligent lighting that enhances deterrence and improves on-site identification.

- Connected to alarm system
- Flexible white lighting angle
- Motion detector
- AC/DC or PoE power supply
- Solar power available
- Various mounting options
- Easy adjustment with remote control



Access control

Access control systems will help you protect your assets and create a safe environment for your staff and visitors. Our solutions will enable you to manage and secure your site's entrances and exits.

- Badges and codes
- Bluetooth access
- Advanced biometrics
- Cloud/dedicated software
- Cyber-secure



We guarantee innovative access management that combines ease of use with maximum protection for your employees and visitors.

- Access by badge, code or Bluetooth
- Fingerprint, facial or iris biometrics
- Remote access with dedicated software
- Site mapping
- Access zones and time slots
- Synergy with video system
- Advanced cyber security



Intercom

Intercom systems provide secure, unobstructed entry to a site. They can be used to talk directly to visitors, as well as to interact, identify or visually analyze them, thanks to video models.

- Total integration
- Audio and video
- Emergency intercom
- SIP protocol
- Security relays



We install state-of-the-art intercoms that secure your entrances while optimizing communication and visitor identification.

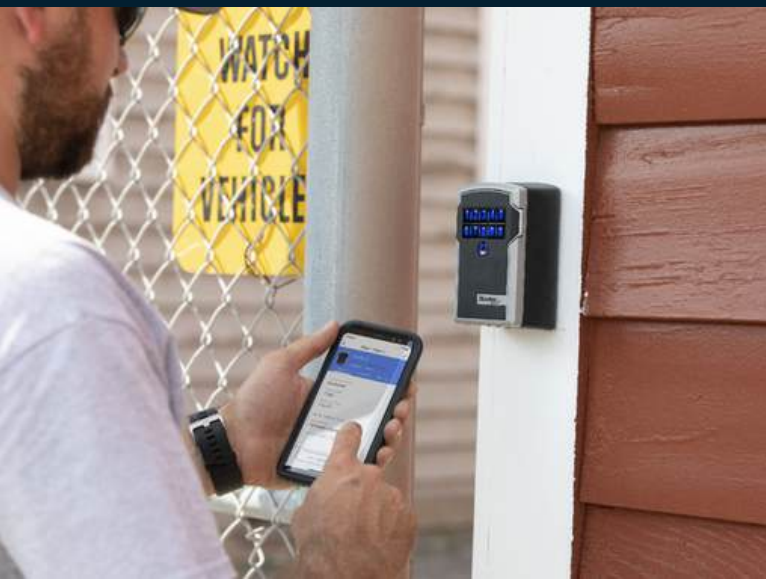
- Calls to mobile or PC
- Optimized audio and HD video
- RFID, PIN or QR code access
- Aesthetic, with touch screen
- Resistant, up to IP69 and IK10
- Dedicated management software
- Latest-generation processor
- Security system integration
- Models for emergency situations



Electronic key boxes and tubes

Key box and key tube systems enable real key management, with total control over access as well as reducing emergency response time. A complete solution which includes programming and installation.

- Code or Bluetooth
- Wall-mounted key tubes
- Shielded enclosure
- Installation included
- Dedicated management cloud



We offer modernized, secure key management for optimal access control and increased efficiency.

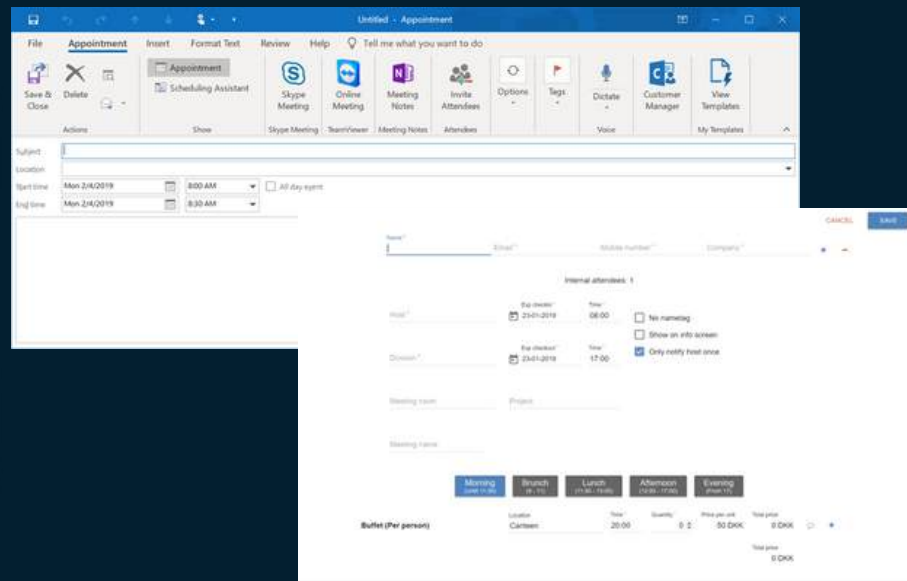
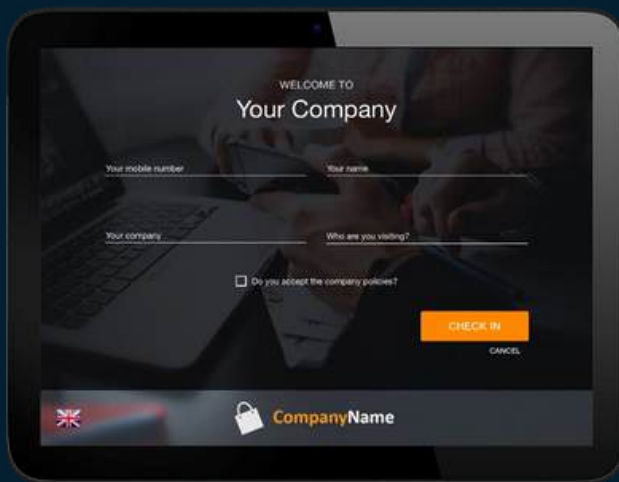
- Opening by code, Bluetooth or key
- Shielded enclosure and secure opening
- Complete wall installation included
- Cloud with access history
- Device and user management
- Definition of opening times and dates
- Assign users and groups
- Reduce intervention time



Visitor management and virtual reception

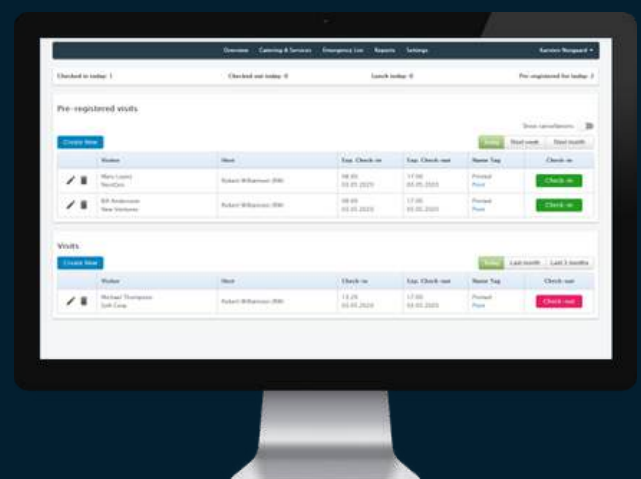
Visitor management systems are revolutionizing the management of on-site visitors flow. Thanks to dedicated software, on-site security and handling efficiency are greatly enhanced.

- Software on 3 levels
- Invitation control
- Host/zone synergy
- Email invitation
- Personalized badge



We guarantee smooth, secure visitor management thanks to advanced, user-friendly technological solutions.

- Software on 3 management levels
- Host => reception => visitor
- Visitor pre-registration
- On-site hosts, linked to visitor zones
- Form included in invitation
- Reduced handling time
- Tracking of invitations and scheduled visits
- Distribution of personalized badges



People counting

People counting systems are the best way to track and quantify the flow of people, whether for safety, optimization or marketing purposes.

- Counting/Uncounting
- IA analysis
- Heat zone
- People tracking
- Cyber-secure



We install state-of-the-art counting solutions to precisely analyze the flow of people and optimize the management of your spaces.

- People counting and tracking
- Hot zones/attendance
- Presence time calculation
- Differentiation between humans and objects
- Differentiation between adults and children
- Synergy with video systems



On-site agents

Our experienced security guards provide company and site surveillance. Their presence, coupled with electronic security, acts as a deterrent and prevents any intrusion attempts.

- Agents and technology
- SOC connected
- Constant monitoring
- Dedicated contact
- Digital reporting



Physical and electronic surveillance so that people, goods and valuables are optimally protected, day and night.

- Combination agents/electronic security
- On-site lodge dedicated to security
- Full audit and customized security plan
- Analysis and statistics
- Synergy with video and anti-intrusion systems



Rounds and patrols

Our teams of patrols and rounds ensure prevention, deterrence and control 24 hours a day, 7 days a week. The density of our network guarantees quick and targeted response times.

- Intervention service
- Control rounds
- Prevention and deterrence
- National coverage
- Digital reporting



By responding to alarms from an electronic system, our agents and on-site security systems complement each other to guarantee maximum security.

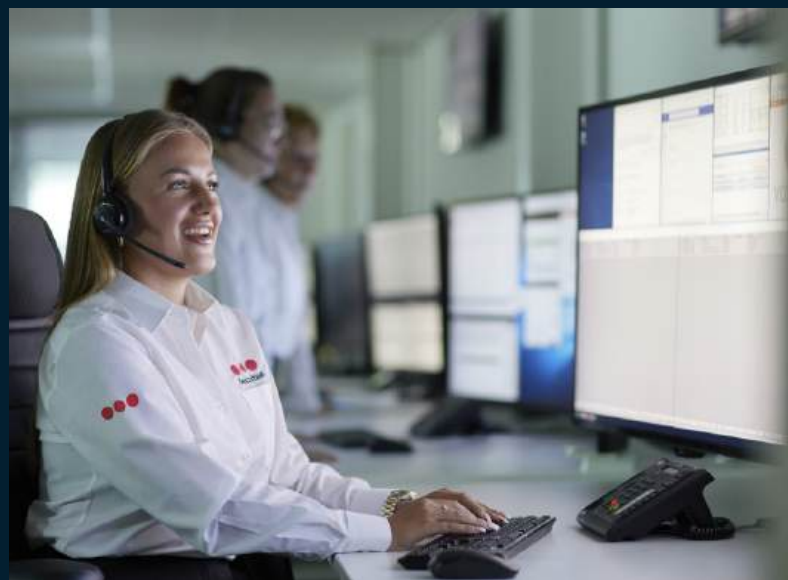
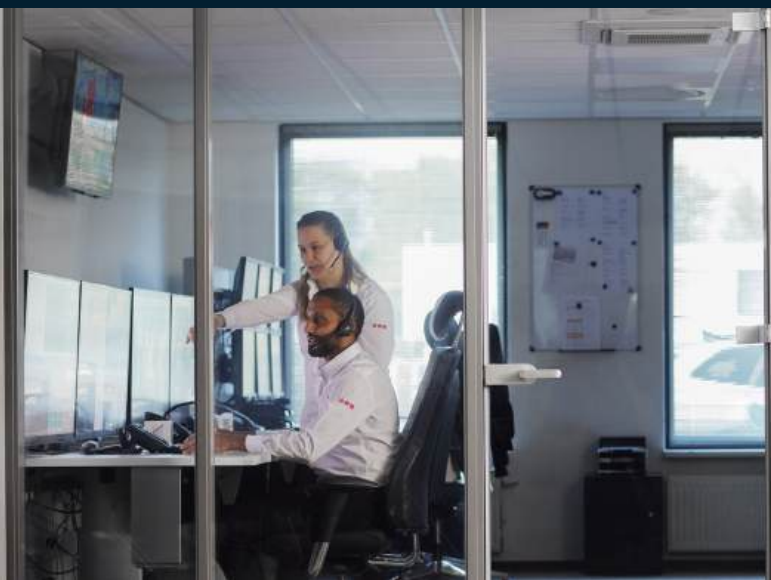
- Intervention in response to an alarm
- Day and night patrol services
- Real-time digital reporting
- Customized action plans
- Canine Brigade
- Parking lot control
- 33 mobile agent sites in Switzerland



SOC alarm receiving centers

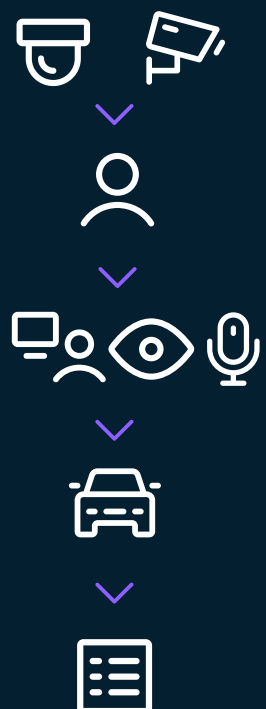
Our Security Operation Centers (SOC) in Geneva and Zurich are connected to a vast network of security systems in Switzerland. In the event of an alert, a SOC operator acts immediately to deal with the proven threat.

- Alarm verification
- Virtual rounds
- Human and AI analysis
- Access management
- National coverage



Our SOC's can carry out investigations, video analyses, and take remote actions via on-site security systems.

- +1.5 million alarms handled per year
- +5,000 connected AI cameras
- +12,000 SOC-connected clients in Switzerland
- Remote alarm verification
- Other services provided by our SOC's
 - Call Center services
 - Area protection and surveillance
 - Remote video rounds
 - Remote bodyguarding
 - Remote access and exit management
 - Video data analysis / Business intelligence



Remote technical maintenance

Our remote maintenance teams provide preventive and curative maintenance on installed security systems.

Three levels of maintenance are available through our Full Managed By model :

- Preventive maintenance
- Corrective maintenance
- Technical monitoring
- Report generation
- Technical intervention

BEST EFFORT	BRONZE BEST EFFORT services +	GOLD BEST EFFORT and BRONZE services +
Annual hardware and software preventive maintenance	Curative hardware and software maintenance	Critical spare parts in stock
Computer security and software training	Monthly alarm report	Power BI annual report
24-hour monitoring of IP-addressed equipment	Temporary compensatory measures and replacement in the event of equipment failure	Fastest response time

Our SLAs describe in detail the services offered at the three levels.
Please contact us to receive the document “Our Service Level Agreements (SLA)”.

Our partners in Switzerland

Video, thermal and radar systems



Management software



Intercom



Alarm management system



Access control and biometrics



ASSA ABLOY

suprema

eyeLock®

Lone worker protection



Anti-intrusion



Other systems





SCAN AND VIEW

Our short video shows you every step of our safety chain.

Modernize your security today.

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