SEBNO®
FIRE AND SECURITY

FIRE PROTECTION
SECURITY
SERVICE
24/7

SEBINO®
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FIRE PROTECTION · SECURITY · SERVICE 24/7

SebinoConnect® is the Artificial Intelligence (AI) of security systems equipped on a site, whether it be industrial, residential, hospital, logistic, etc.

SebinoConnect® allows for constant monitoring of critical components of the system, installed in the field, continuously recording their status and automatically alerting when a component is lost or deviates from its normal mode.

SebinoConnect® enables remote interaction, in a bidirectional mode, for programming, restoration, and technical support activities.

The graphical maps created and integrated into **SebinoConnect®** allow for the real-time reproduction of the situation of each component of the system on fixed or mobile devices. They also allow for real-time problem identification and corrective action implementation, either remotely or by preparing for an on-site intervention that will be targeted and scheduled based on defined security levels.

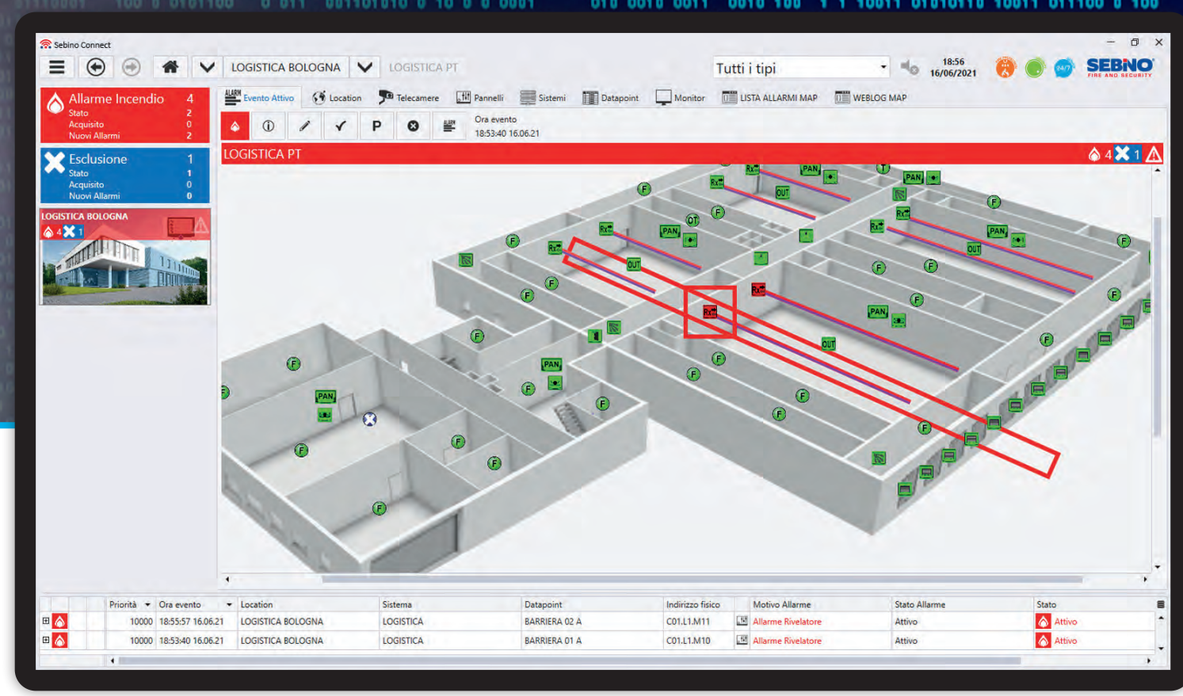
SebinoConnect® sends all the necessary data to analyze the system in each of its components: it connects to sensors, detectors, cameras, and any equipment requiring constant monitoring to ensure the system functions properly and maintains a continuous and efficient level of security.

Safe. Always

*To maximize the versatility and potential of **SebinoConnect®** and ensure the highest level of integration, it is crucial to choose the technology to be adopted in the field.*

Security requires continuous service.

The breakdown of a CCTV camera, the anomaly of a smoke or intrusion detection sensor, the incorrect state of a water shut-off valve in the case of fire suppression systems, the malfunction of a fire pump, the lack of maintenance of the same... these are just some of the situations that **SebinoConnect®** can detect through monitoring and resolve, optimizing time and resources.



SebinoConnect®

FIRE DETECTION

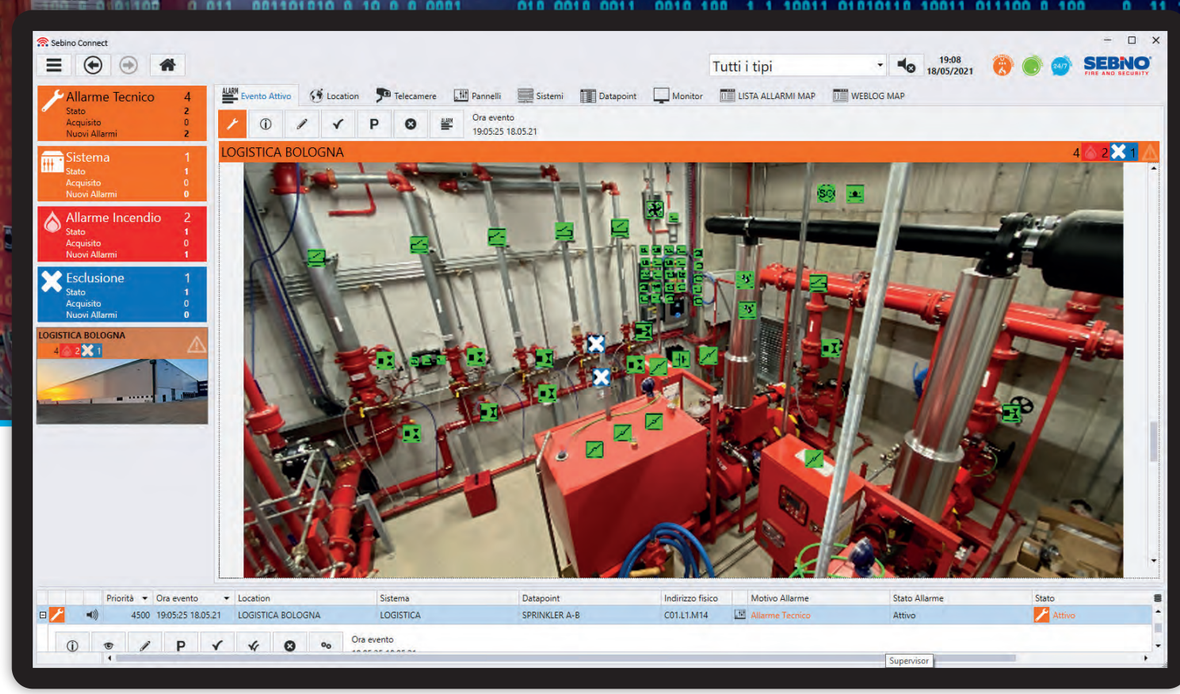
Continuous monitoring by **SebinoConnect®** on fire detection systems allows for:

- **Real-time alarm reception** and online activation of procedures agreed with the security manager for event management;
- **Guiding the operator** in all actions following the event (automatic popup of cameras close to the event);
- **Verification and control of times**, with operations traced and times stored, for insurance and technical purposes;
- **Prioritization of events and optimized management of multiple events**: the system can handle information that appears in rapid succession as chain reactions, evaluating the most important ones for prompt action;
- **Management and coordination** of mandatory biannual maintenance according to UNI11224.

Imagine if...

Fire. Chaotic subsequent phases. It is necessary to perform the greatest number of operations in the shortest time possible. With access control, the operator knows the number of people entering, manages the number of people at the safe gathering point and, before sending rescue teams, can check with cameras for the presence of other people at the fire scene.

The various systems are integrated on a single platform.



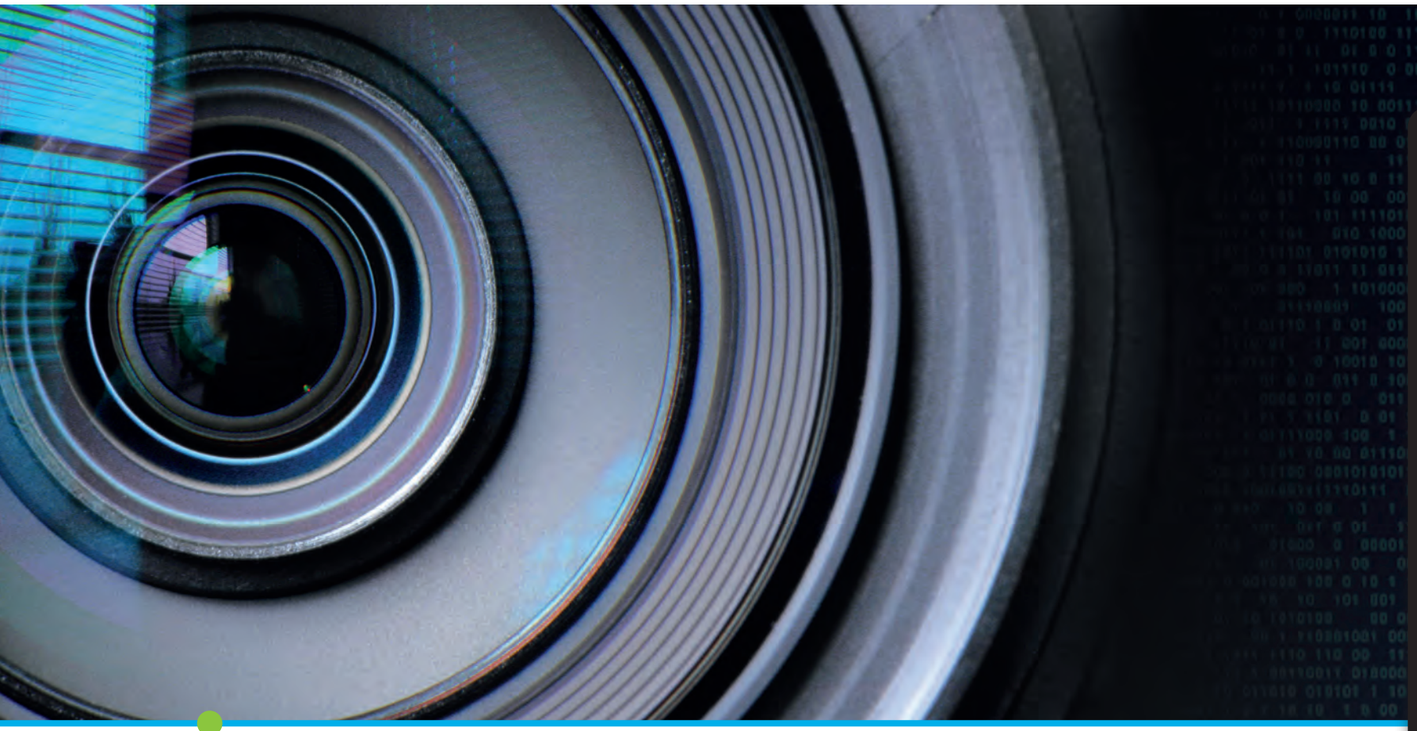
SebinoConnect®

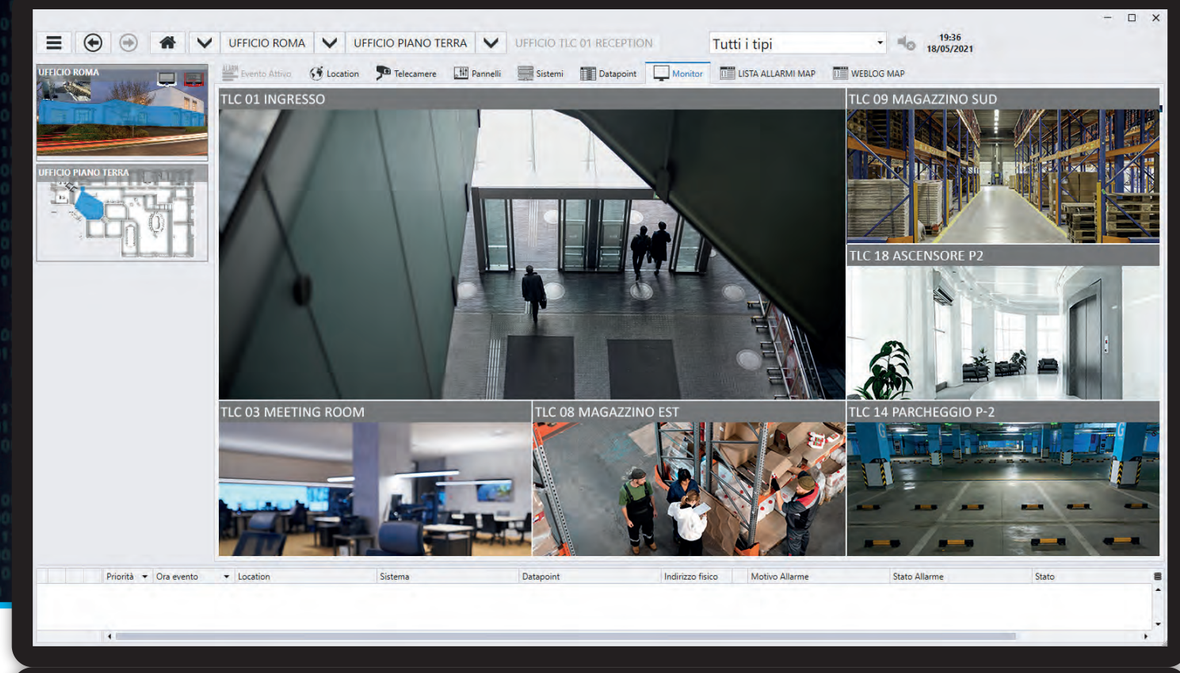
FIRE PROTECTION

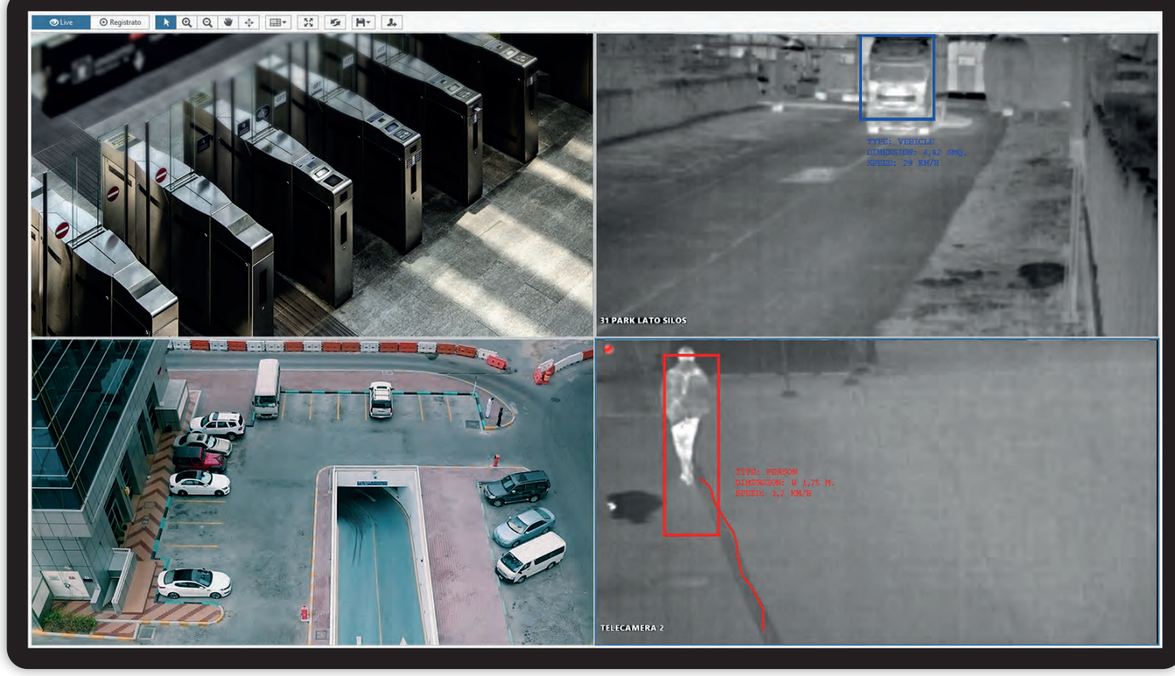
Fire extinguishing or control systems

Continuous monitoring by **SebinoConnect®** on fire extinguishing or control systems allows for:

- **24/7, 365 days/year control** of key components of fire extinguishing and control systems and their status parameters;
- **Continuous control and recording** of operation parameters of the extinguishing system: service pressures and temperatures, water level in the water reserve, fuel level for the fire pump...;
- **Predictive maintenance** of the system or individual components to maintain system reliability over time;
- **Verification** that the **periodic maintenance** prescribed by regulations for the various extinguishing systems is actually carried out and carried out correctly: only compliance with the prescribed maintenance periodicity can ensure that the systems are always operational and effective;
- After a fire event, **verification and tracing** that all systems have intervened with the planned times and sequences and that the effects of fire protection are as expected in the fire protection project. This documentation can be crucial for insurance and legal purposes in the event of fire damage.
- A **"third party" confirmation** of the state in which the system is left after ordinary or extraordinary maintenance.





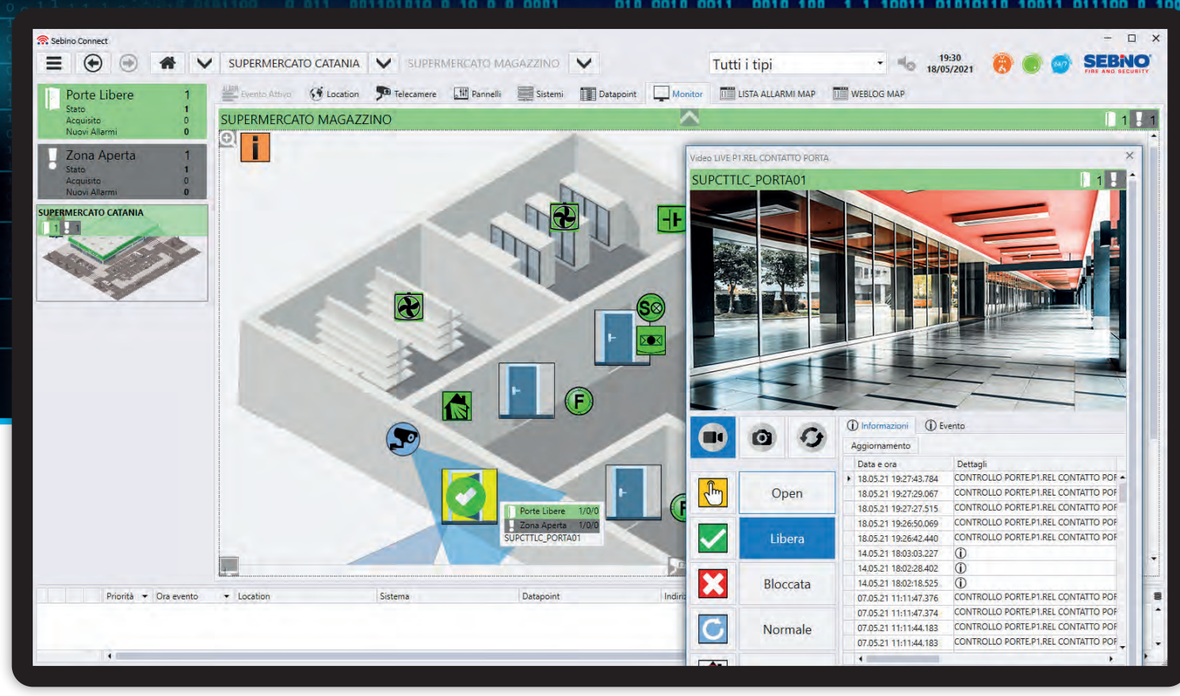


SebinoConnect®

VIDEO ANALYSIS and VIDEO SURVEILLANCE

The connection to **SebinoConnect®** of CCTV or thermal cameras systems allows for:

- **Viewing alarm images in real-time**: the user in the middle of the night needs time to find images of an alarm; In the control room, instead, the professional operator quickly arrives at the video evaluation of the event;
- **Faster event assessment**: in the control room, an operator can focus on the most important images to arrive more quickly at the event evaluation thanks to enhanced video intelligence (for example: instead of checking 40 cameras, only the cameras recording the event are brought to the forefront on the monitor);
- **Assistance and support** when video images need to be extracted;
- **Maintaining efficiency**: the control room ensures continuous monitoring, verifying that all cameras are functioning; in the event of a breakdown, a video loss event is triggered, an important notification as it could be related to a malfunction or sabotage. Continuous monitoring allows for the maximum efficiency of the system to be maintained.



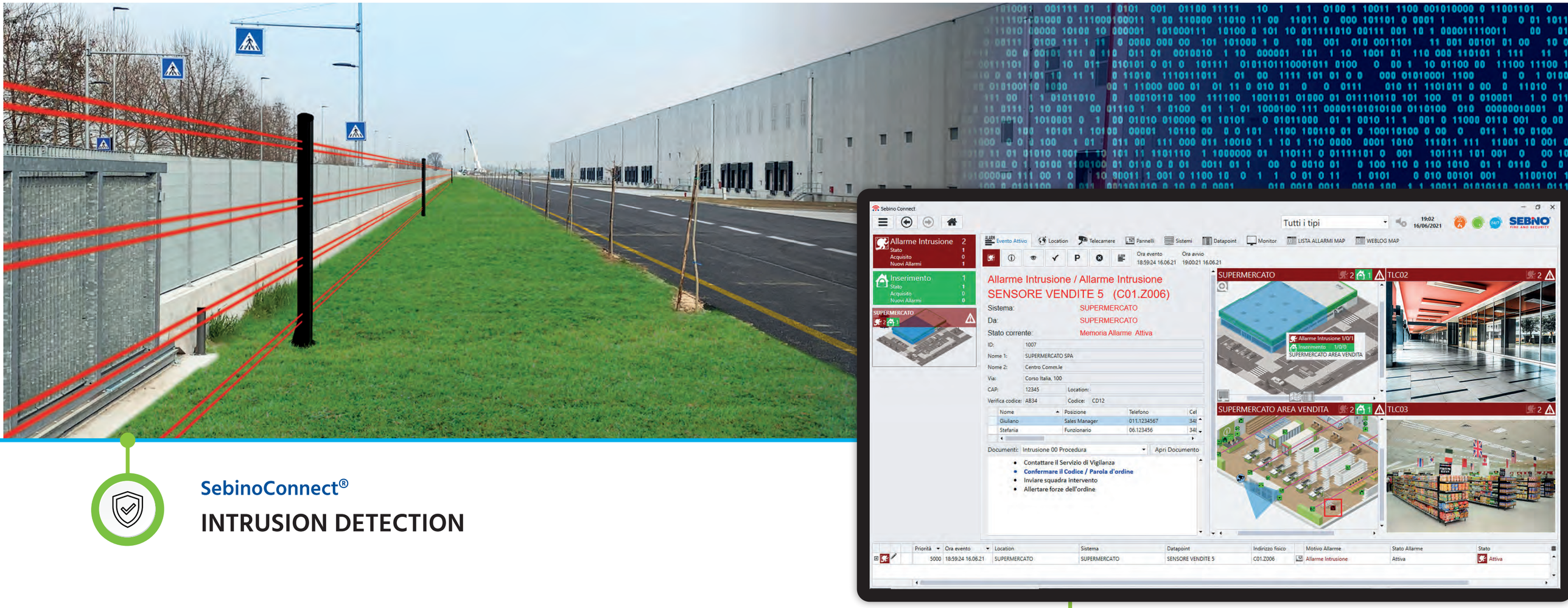
SebinoConnect®

ACCESS CONTROL

The connection to **SebinoConnect®** allows:

- **Continuous control** of access, passages, and movements within a building or work environment;
- **Secure management** of people present in case of emergencies;
- **Daily management** of access badges and registration, for example:
  - Non-functioning badges;
  - Correct insertion and use of badges;
  - Daily visitor badges to be eliminated at the end of the day;
  - Management of lost or forgotten badges...
- **Visual and automatic** temperature control;
- Control of **vehicle access** to company checkpoints with or without license plate recognition;
- Optimization of **company logistics** both in receiving and shipping goods;
- **Continuous verification** of the efficiency and functionality of access control systems: badge readers or fingerprint readers, turnstiles, doors, gates, barriers... leading to predictive maintenance of the same;
- Direct operation on the checkpoints with remote **night portering activities**, for some hours of the day or during particular periods of the year.

The continuous evolution of these systems allows for the design of solutions tailored to the services requested by the client and their specific needs.



SebinoConnect®

INTRUSION DETECTION

SebinoConnect® monitoring on intrusion detection systems allows:

- **Being certain and secure,** every minute of the day and night, of the efficiency and correct functioning of each component of the installed systems:
  - Microwave volumetric sensors, passive infrared sensors, dual-technology sensors;
  - Magnetic contacts and inertial sensors;
  - Infrared and microwave barriers;
  - Laser scanners systems;
- **Ensure integration** with access control and video surveillance systems;
- Enable **predictive maintenance** of all components and their power sources and avoid malfunctioning when necessary.

Also regarding intrusion detection, the continuous technological evolution of the tools available to designers allows for the "creative" realization of systems tailored to the control expectations and services desired by the end user.

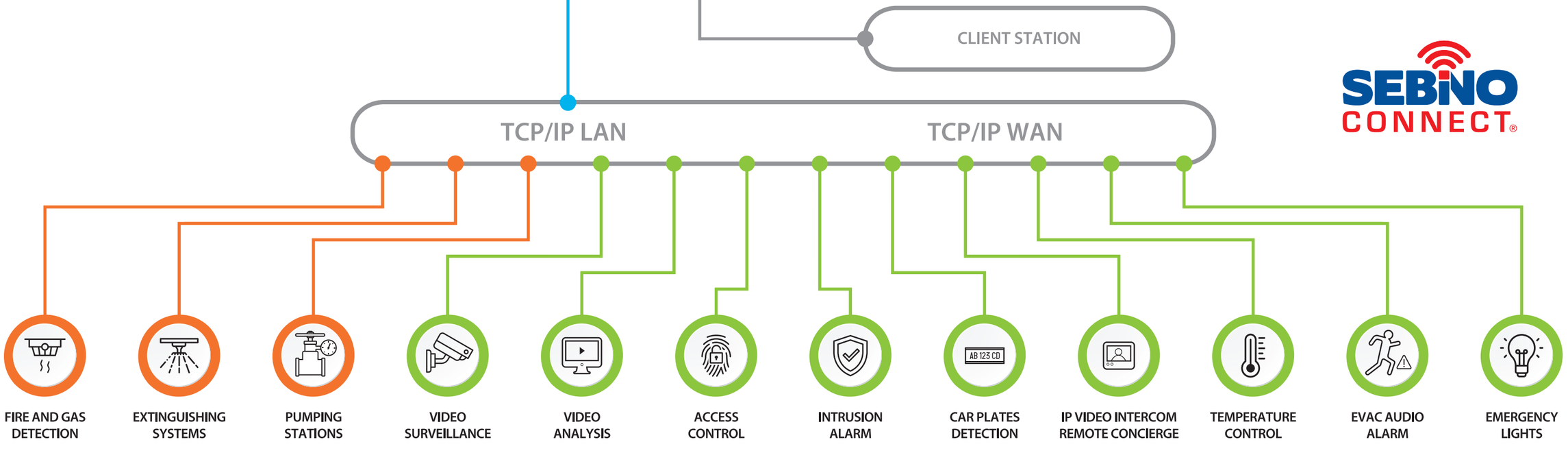
State control: realtime recognition of sensor masking or tampering, coordinating checks.

Communication: verification of communication errors between sensors and the control panel.

Failure analysis: real-time analysis with digital processing of detected microwave-infrared signals.

SebinoConnect® is a service based on an innovative alarm reception platform, developed with the most consolidated technological standards. The platform supports the continuous development of functionalities and services, high flexibility to meet different client requests, and all the stability necessary to guarantee continuous system monitoring. The core of the platform is a powerful graphical software that allows the operator to customize the event reception interface for each individual system. An interface easy to understand and use, enriched with all the necessary tools at the time of the event, such as automated video verification pop-ups, virtual control keyboards, online guidance for the operator with the agreed safety plan, and much more, is the premise for a safe and effective remote control and monitoring.

The **SebinoConnect®** platform is capable of monitoring real-time security, fire suppression and detection systems, with secure, encrypted, and bidirectional communication to maximize customer expectations. Among systems which can be connected: intrusion detection, access control, video surveillance, video or thermal analysis, fire detection, mechanical fire stations, emergency lights and technological systems in general.



Some of the most relevant features include:

- Secure bidirectional communication with devices;
- Graphical alarm reception interface, with detailed floor plans of monitored areas;
- Geolocation of systems distributed across the territory;
- Integration of alarms, video streams, and web technologies on a single console in order to increase control tools for the operator;
- Online alarm procedures, with personalized detailed indications for each system;
- Alarm management algorithm with priority evaluation, able to automatically elevate different levels of alert as events unfold;
- Client applications for surveillance stations at the client's premises or mobile applications;
- Safety standards according to European Regulations EN50518.

What happens in the event of an emergency?

In the **SebinoConnect®**, control room, the operator is alerted by an alarm sound with intensity proportional to the severity of the event.

On the video wall, the following information automatically appears:

1. Floor plans of the areas with flashing icons of devices in alarm;

2. Video pop-ups with high-resolution camera streams of the area, possible video analytical alarms with event evaluation metadata;

3. Virtual control keyboards for device control;

4. Security procedures for the system.

The operator will follow step by step the pre-agreed emergency plan until the event is completely resolved.

SEBINO CONNECT®

Provides a range of connected services to Sebino customers.

Operates 24/7 365 days a year, using the state of art communication technologies.

Continuously monitors all signals and reacts in case of activation, contacting emergency services and appointed Keyholders to ensure the protection of your sites.

Monitors fire detection and extinguishing systems of various technologies, CCTV systems, intrusion alarms, lone worker alarms...

Provides remote technical support.

Managed by trained and qualified fire and security engineers, we can be there to help and guide you whenever you need it, day or night.

Provides remote diagnostic, maintenance, and repair solutions, minimizing the need and cost of an on-site engineer.

With its specialized technicians, it provides an immediate remote solution, avoiding the need for the physical presence of a Service Technician, performing:

1. Remote diagnostics;
2. Remote maintenance;
3. Remote settings;
4. Remote resetting;
5. Telephone support.

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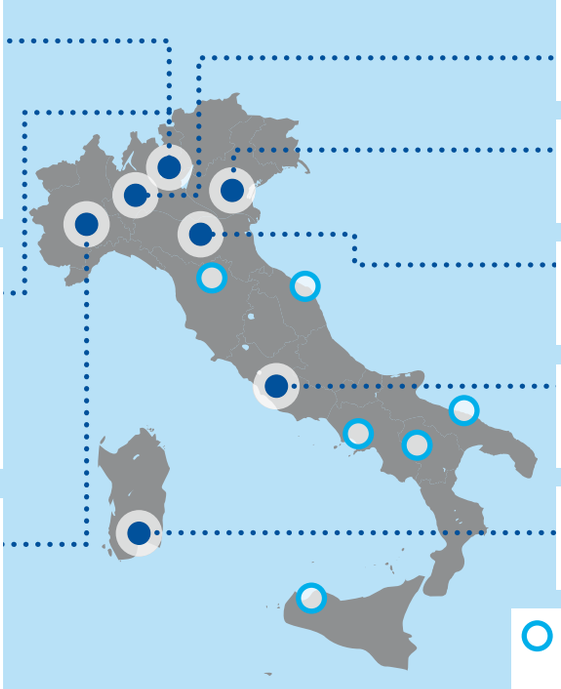

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