

# evolution

## Tecn<sup>o</sup>alarm<sup>®</sup>



Hybrid burglar alarm systems

DESIGN BY

*pininfarina*



## Since 1977: nearly 50 years of research and innovation

Tecnoalarm, established in **1977** and motivated by a great passion for security, has always placed great emphasis on the development of simple but efficient solutions that meet the requirements of the market. Quality and a high level of innovation very soon allowed Tecnoalarm to dominate the market and boost its growth. Today, the company is **leader in Italy** and **strongly present in the world**.

The company from Turin (Piedmont), **certified ISO 9001**, devotes a lot of resources to improving the competences of the professionals of the sector and pursuing **solutions made in Italy** that **conform to the valid standards**.

Over the years, the entire range of products has obtained the relevant **EN 50131** certifications. Not to forget Tecnoalarm's other distinctive feature, its **design**, created by the prestigious designers from **Pininfarina**.

**Tecnoalarm: technology, innovation and design, entirely made in Italy.**

*A brand with a long history  
and in constant evolution...*



DESIGN BY  
*pininfarina*



**The ideal hard-wired  
and wireless burglar alarm systems  
for every protection need**

**evolution**  
**Tecnalarm®**

DESIGN BY

*pininfarina*

Tecnoalarm products are renowned for their **modern and elegant designs**:  
true home furnishings originated from the successful collaboration with **Pininfarina**,  
one of the world's most prestigious labels of industrial design

High technology  
for the protection of property and life

The complete range

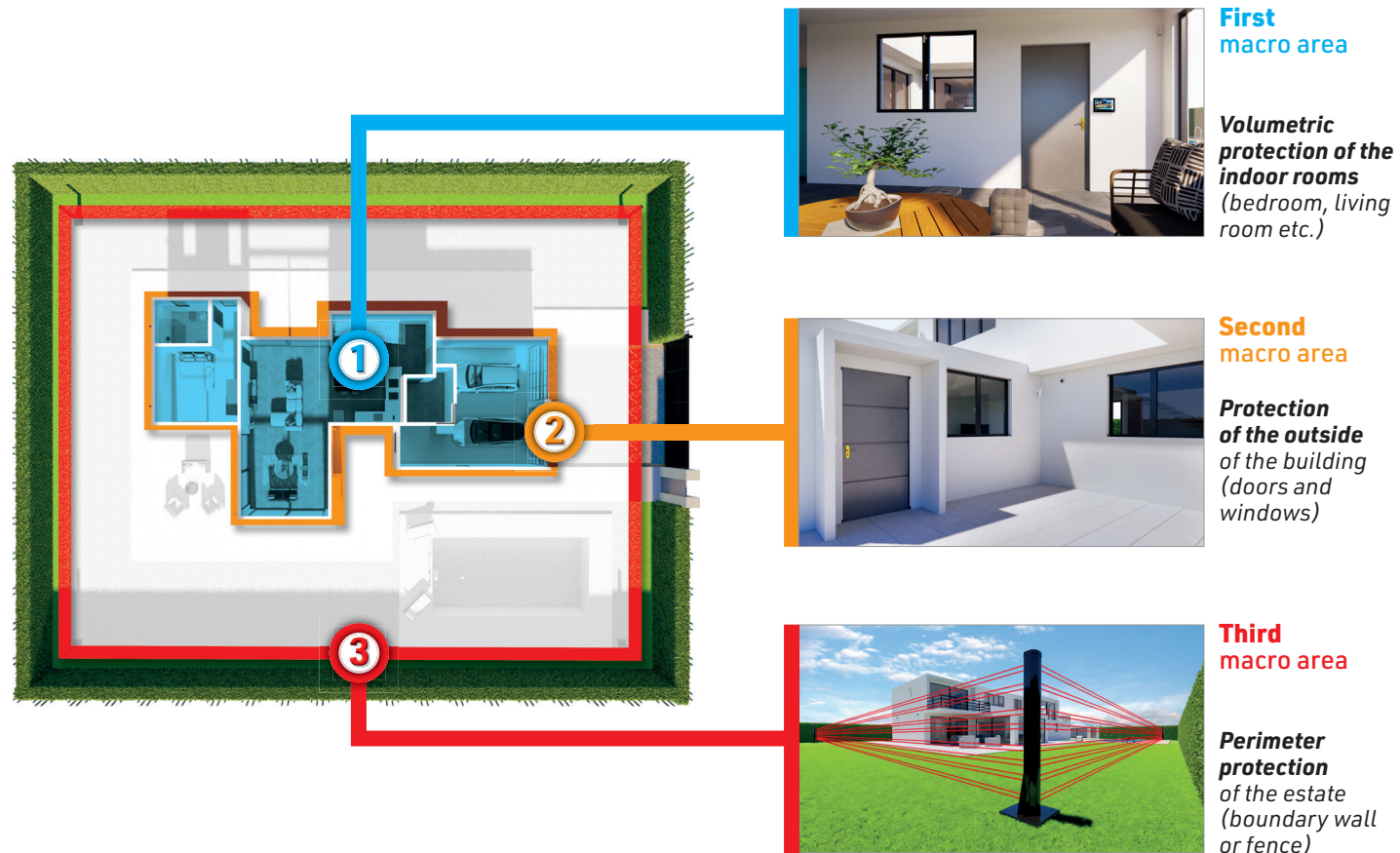




## The three macro areas of protection

In order to better understand the application of the different **types of detection devices**, we assume to set up an alarm system to protect a **detached house**.

For this kind of installation, we define **three macro areas**, each with different environmental characteristics, requiring the use of **specific detectors**.



## Comprehensive advanced security solutions

Tecnoalarm has always focused on the complex regulatory framework and produced **certified products** in compliance with the **European standards** relating to security, technology and reliability.

## The performance levels

When drafting the project for a burglar alarm system, it is necessary to thoroughly analyze the **risks involved** such as the **location of the installation**, the **environmental risks**, the possible **interferences**, the **values** to be protected and the **security requirements of the customer**.

According to the assessed risks, the European standards define **4 performance levels**, and for each of them the compulsory protection facilities. The installer will formulate his **offer** based on what is defined by the standards.



Detectors for window and door protection



Sirens for indoors and outdoors



Control units



Consoles



Indoor detectors



Control panels



Outdoor detectors



Barriers for perimeter protection

## What the Evolution systems are composed of

### Control panels and control units

The highly performing control panels satisfy the protection requirements for any environment. Transponders, card and finger print readers, consoles, keypads or wireless keys, whatever kind of control unit is chosen, it will be practical, intuitive and automatic.



### Detectors

A wide offer of outdoor detectors intervenes preventively in the event of an intrusion attempt. The vast range of indoor detectors, instead, detects the presence of intruders in indoor areas.



### Alarm devices

Tecnoalarm sirens feature the highest levels of security and serve also as a deterrent to unwanted visitors.



*Completeness of the range*

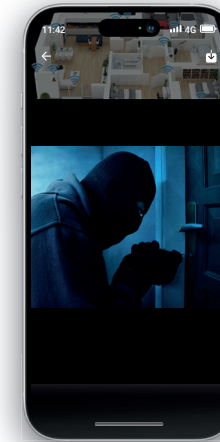




## How the EN 50131 certified Evolution systems work

The control panels warn you via **notifications**.  
Event notifications can be relating  
to an **intrusion alarm**, a **technical signaling**  
or **home automation control**.  
*A break-in attempt is underway or you have  
left leaving a window open? The battery charge  
is it low? The thermostat has reached the  
desired temperature?*  
**There is no doubt about it, the system tells you.**

**Tecnoalarm's encrypted proprietary protocols**  
guarantee **protection of the data** present  
in the notifications, shared during the alarm calls  
and in the text of e-mails.





## An automated security system: feeling safe during the day and at night

During system programming, the installer will be able to define automatically **triggered routines** based on your habits (alarm clock, working hours, free time...). In addition to the automatic operations, you will always have the chance to activate or deactivate single zones in complete autonomy.

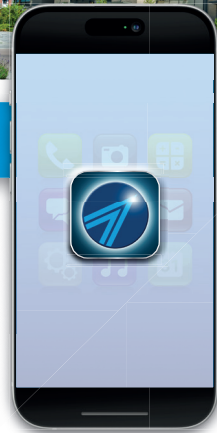
*Example:*

In the **morning**, when you get up, the outdoor protection will remain active while the indoor detectors will be deactivated to allow you to roam the home. When you leave the home, you can arm the entire system program either automatically, manually or through the app.

In the **evening**, before you go to sleep, the outdoor protection will be activated. In addition, it is possible to arm the indoor detectors, while some of the zones may be excluded to allow you to move freely inside the home.

*Easy system management*





## Evolution app: protection everywhere

The app allows you to **remotely manage** your systems of, for instance, the principal residence, the second home or the office, in a simple and intuitive way from anywhere, and feel **protected even** if you are far away.

### With the Evolution app you can:

- **exclude/include areas according to your needs**
- **interact with the home automation** (roller shutters, heating and air conditioning, gates, lighting, irrigation...)
- **view your environments in real time: live video and photo verification** either in response to an event or **on request**
- create **shortcuts** to make daily operations even more immediate.

*All in one app*





## Evolution app: real-time notifications

In addition to the classic telephone calls and e-mails, **receive events** from your Evolution system directly on your smartphone or tablet via **push notifications**.

In fact, in the event of an intrusion alarm, you will receive a notification that will allow you to **instantly check** whether it is a **real break-in attempt** or a **false alarm** (for example, a window left open).

Another kind of event that you will be notified of promptly is a **power failure signaling**.

The current standards stipulate that the minimum guaranteed autonomy of the system must be at least 12 hours. Minimum guaranteed hours increase depending on the system's performance level.

*A simple and intuitive app*



**evolution**



Thermostats



Lighting



Roller shutters



Gates



Irrigation

## The evolution of hybrid burglar alarm systems

Its innovative features make **Evolution** the **most advanced system** in its category, with a **very high event storage capacity**.

### Easy access management

The simplicity of access management is unique: via app, card and finger print readers, wireless keys, keypads or transponders.

### Integrated home automation

Evolution manages the most common technical applications for residential use, implementing also smoke and temperature detectors, for your peace of mind.

### Video and photo verification

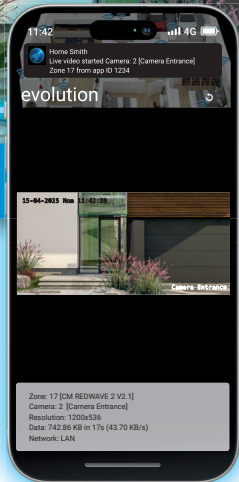
Depending on the control panel model, it is possible to receive photos from indoor detectors with an integrated camera and videos processed by the TECNIVISION module. In the event of an alarm, 20-seconds video clips are registered, starting from 10 seconds before the event, so as not to miss any relevant elements.

*The integrated and efficient  
burglar alarm system*





**VIDEO CLIP**  
Quickly visible  
video clips of the  
alarm events



**LIVE VIDEO**  
Viewing of each  
individual camera  
in real time



## Video verification with clips and live videos: privacy, immediate and timely information

**Video integration is secure, simple and functional.**

The **TECNOVISION** module speeds up event identification times, thanks to **video clips**.

With the **Evolution app**, it is possible to play the **recorded video clips** or, with the **live function**, view the **live video of a camera**. ...and the data is safe because, to guarantee **total privacy**, all those who have access to the app are informed instantly via **notification** when the **live video** starts.

**Management and control of the system are just a smartphone away**, from anywhere, at any time, with the functionality and simplicity of a remote control.

Manage and control your security system in **real time, quickly and efficiently**.



## The Tecnoalarm installer is the professional you can trust

### The specialized Tecnoalarm installer:

- uses exclusively the most **advanced technologies** from Tecnoalarm
- regularly attends **training courses**
- designs and builds systems **in compliance with the rules and regulations in force**
- offers **assistance** and **remote management services**
- intervenes **within 24 hours.**

*Competence, availability and assistance*





## Needs assessment and customized project

1

### On-site inspection and customized project

The installer evaluates all the factors that determine the system's performance level.

2

### Submission of offer

The installer analyzes the data collected during the inspection and submits the offer.

3

### Installation and commissioning

The installer installs the system, carefully explaining its operation and proper use. After testing the functionality of each individual component, he issues the commissioning document and the declaration of conformity.

4

### Scheduled maintenance

The installer proposes a program of planned preventative maintenance that provides for periodic on-site and remote functional testing of the system's components.

*An exclusive and tailor-made service*



*Evolution. Security made in Italy*



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