



**Tecnoalarm**  
Hi-Tech Security Systems



## Hi-tech burglar alarm systems

Tecnoalarm, established in 1977 and motivated by a great passion for security, has immediately placed great emphasis on advanced technological research and 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 evolution of fire alarm systems

Since 2014, the historic Tecnoalarm plant houses the offices and production facilities of Tecnofire, the company division dedicated to automatic fire alarm systems.

The plant extends to an area of 3,000sqm and houses the departments of research and development, sales and marketing, production as well as the demo and training rooms. The Tecnofire brand, just as Tecnoalarm, promotes technology, innovation and design rigorously *made in Italy*.

The entire range of products is certified and developed and produced according to the strictest standards, the same which earned the parent company national and international success.



## 1977-2017: 40 years of research and innovation

This year, the company is celebrating **40 years of activity**, an important milestone that ranks it among the most reputable actors in the security market.

The company devotes a lot of resources to improving the competences of the professionals of the sector and pursuing solutions that conform to the valid standards.

Its commitment to constant evolution is based on the brand's pillars: technology, innovation and design, entirely *made in Italy*.

**Tecnoalarm, a brand with a long history and in constant evolution.**





## Advanced integrated security solutions

The Tecnoalarm research department has achieved excellence in developing complete burglar alarm systems composed of:

- **detectors** (i.e. movement detectors, short and long range barriers)
- **control panels and accessories** (i.e. control units, power supplies)
- **warning devices** (i.e. acoustic and telematic notification devices).

The Tecnoalarm hard-wired products are available with either conventional, serial or RSC® technology. The wireless devices use an exclusive dual-band technology to ensure a good quality of transmission and reception of the wireless signals. The friendly user interface of the systems is made of new generation control units with touch screen, icon-based graphic and interactive voice functions.

In 40 years of activity, the company has developed some groundbreaking technologies that have clearly set it apart from its competitors: RSC® and RDV®.



### **RSC® Technology** (Remote Sensitivity Control)

The sophisticated technology developed by the Tecnoalarm research department permits the communication between the alarm system and the Tecnoalarm software operated in the installer's office to check functioning of each individual system component. The same technology is also applied to the range of fire alarm systems.



### **RDV® Technology** (Remote Digital Verification)

In the event of an alarm, this international patent allows the final user to verify in real time if the alarm has actually been caused by an intrusion. The digital alarm signal is transformed into a particular sound signal whose intensity is directly proportional to the detected movement. This signal is sent to the user's mobile phone or the central monitoring station for the necessary action.



## Security professionals

### **Impianti antintrusione**

Guida alle normative vigenti

**Tecnoalarm**  
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*Certificate of Attendance*  
*This is to certify that, Mr.*

**Peter Smith**

*Company*  
**Security Center Ltd.**

*has attended a training course*  
*on the following alarm system equipment*

TEC-01 100-00-000	TEC-02 100-00-000	TEC-03 100-00-000	TEC-04 100-00-000	TEC-05 100-00-000	TEC-06 100-00-000
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The installers of Tecnoalarm products are professionals able to carry out a correct risk analysis and qualified to propose the solution which guarantees the highest level of protection for your home with both passive and electronic protections.

Tecnoalarm offers the installation companies regular training courses to enhance their knowledge on the technologies, marketing techniques and the relevant rules and regulations.



# History

## 1977 Establishment of Tecnoalarm

BOX - First control panel with integrated microwave detector and siren

RADAR TE25 - First microwave detector

1978 T1 MEC - Single-board control panel with 2 zones

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1980 PANDA - Microwave detector with swivel mounting bracket  
TECNORED 1113 and TITAN 1435 - Infrared and 35 meters range microwave detector

1982 T2 MEC and T4 MEC - Single-board control panels with 2 and 4 zones

1984 T5 MEC and T16 MEC - Single-board control panels with 5 and 16 zones, the second with clock and pulse count

1985 TTE914 - First microprocessor-based telephone communicator

1986 T50 MEC - Modular control panel with 2 to 50 zones, clock and pulse count

1989 EXPLORER - First long-range microwave barrier

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1990 TP20 - First-generation microprocessor-based control panel

1991 BITECNO - First dual technology detector

1992 TP8 - Remotely controllable microprocessor-based control panel

1994 TECNOCOM - Remotely controllable digital telephone communicator

TECNOTEL - Remotely controllable digital/vocal telephone communicator

First remote management software for MS DOS

Establishment of the company-owned Central Monitoring Station Eurocontrol

1996 DUALTECNO - Second-generation dual technology detector

TP6 and TP12 - Second-generation microprocessor-based control panels

TPSER - Serial control panel with 8 to 1024 zones introducing advanced programming

1998 DIALOG 128 - Serial control panel with advanced programming

DOORBEAM and WINBEAM - First infrared barriers for windows and doors

International patent: RDV® (Remote Digital Verification)

1999 Series 100 - First professional wireless expansion

First programming/remote management software for MS Windows

TECNOCELL - GSM telephone communicator

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2000 SAEL 2000 - Outdoor siren, first product designed by Pininfarina

TP16-256 - Third-generation serial control panel with advanced programming

2001 TP8-64 - Serial control panel introducing voice synthesis

2003 DOORBEAM/S and WINBEAM/S - Serial infrared barriers for windows and doors

2004 Registered trademark: RSC® (Remote Sensitivity Control)

2006 BEAMTOWER - Outdoor infrared barrier

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2010 ISO 9001 certification  
Videoalarm video surveillance systems

2014 Establishment of Tecnofire

2015 TP10-42, TP8-88 and TP20-440 - Fourth-generation serial control panels

2016 SYNC@BWL - New-generation wireless expansion

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## 2017 Anniversary: 40 years of history

TCS (Tecnoalarm Connect Service)



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