

SECURITY SYSTEMS

RCIED AND PERSONAL COMMUNICATIONS JAMMING SYSTEMS

In security you cannot choose the second best option

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RCIED AND PERSONAL COMMUNICATIONS JAMMING SYSTEMS



TITAN family jamming systems provide effective security against all kind of communication systems.

Introduction

In the last decades there has been a great proliferation of mobile communication equipments (mobiles, PDAs, etc.) in society.

However this fact, appearing as an advantage, is not always desirable. There are situations or places where this communication possibility is not desirable due to illegality or dangerousness or because it might cause delictive acts or actions.

Some cases for the use of jamming systems are:

- RCIEDs (Radio Controlled Improvised Explosive Device)
- Meeting rooms, assemblies etc.
- Confidentiality in raids to avoid warnings and possible escapes.
- Phone calls jamming preventing criminal acts.

Operation

When protection is required due to a possible threat, a rigorous process begins to get the proper solution to the necessity raised.

The method used is based on the achievement of the following phases:

- Previous tests and analysis of the scene with the data obtained in situ (topology, radio electric levels, application)
- Design of the jamming solution through an installation plan.
- Execution, adjustments and verifications.
- User training.
- Post-sales service.

System features

The system consists of the following additional accessories depending on the needs and/or demand required apart from the jamming device:

- Jamming equipment
- Radiant system
- Mechanical and electrical protection
- Communication interface
- Remote or local control and administration.

Jamming device

Depending on the type of threat different devices or set of devices can be chosen to face it.

Radiant system

Made up of directional or omnidirectional antennas or arrays of antennas, as well as by the rest of the accessories (such as RF cable, connectors), to get the optimal configuration for each case.

Mechanical and electrical protection

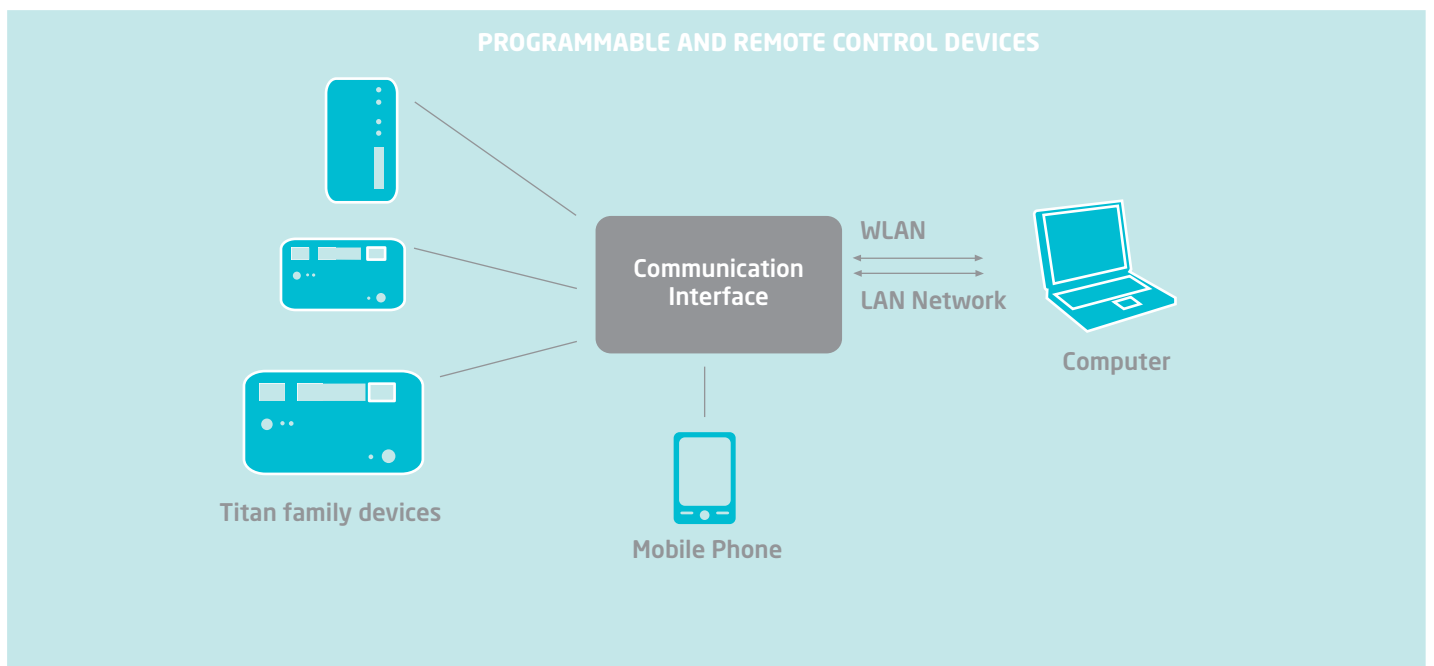
All the necessary elements to give the system the right strength and reliability against external failures, non-desirable manipulations, sabotage, adverse meteorology, etc.

Communication interface

System in charge of performing the communications between the different jamming devices and the command post.

Control and monitorization

Configurable software application which allows control and remote management of the system (turning on / off) devices, alarms, warnings, etc.



Who is it aimed at?

The solution of jamming in different configurations is applicable to different fields:

- Correctional Centers
- Official buildings
- Quarters
- Law enforcement
- Escort vehicles
- Traffic controls
- Banks
- Corporations or agencies
- Shareholders meetings
- Cabinet meetings
- Port and airport areas
- Universities
- Theaters, cinemas, worship buildings
- Conventions and events
- VIP protection
- Others

Benefits

Security

The system configuration is designed to provide the necessary conditions for security against any possible threats via radio.

Innovation

Constant improvement of the systems of jamming to face continuous technological advances.

Versatility

Adaptable configurations for the different regulatory standards applicable to each country and/or scene.

Reliability

Control and quality procedures applied to each system maximizing their lifespan.

Strength

The design and components used for the jamming system configuration assure the functioning of the solution against adverse conditions.

Integration and installation

The systems are complemented by engineering works and installation in any possible scene and during the project life cycle.

Flexibility

Engineering team adaptability to final user's requirements and needs.

Usability

Simple and intuitive systems design, supplemented by specific training process to make the handling easier to users.

Commitment

Quick response to unexpected events or specific client's requests in the shortest time possible.



Fixed installation jamming equipments



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Portable jamming equipments



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1 TITAN Band I

Remote control jammer

2 TITAN 850

Remote control jammer

3 TITAN Band II

Mobile phone jammer

4 TITAN UMTS

Mobile phone jammer

5 TITAN GSM / WCDMA

Mobile phone jammer *

6 TITAN Diary

Mobile phone and WiFi jammer

7 TITAN RF Briefcase

Remote control jammer

8 TITAN Mobile Phone Briefcase

Mobile phone jammer

9 TITAN Trolley

Mobile phone jammer *

10 TITAN Trolley High-End

Mobile phone jammer *

Model	Bands (MHz)	Output Power (w)
TITAN Band I	27-500	10
TITAN 850	400-470 / 868-894	20
TITAN Band II	925-960 / 1805-1880	20
TITAN UMTS	2110-2170	7,5
TITAN GSM / WCDMA *	851-960 / 1805-1990 / 2110-2170	32 **
TITAN Diary	851-960 / 1805-1990 / 2110-2170 / 2400-2500	1,2
TITAN RF Briefcase	400-470 / 868-894	10
TITAN Mobile Phone Briefcase	851-960 / 1805-1990 / 2110-2170	12
TITAN Trolley *	851-960 / 1805-1990 / 2110-2170	32 **
TITAN Trolley High-End *	851-960 / 1805-1990 / 2110-2170	160 **

* OTHER BANDS OF OPERATION ARE POSSIBLE
 ** MAXIMUM OUTPUT POWER RADIATED BY DEVICE



ISO 9001:2000



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