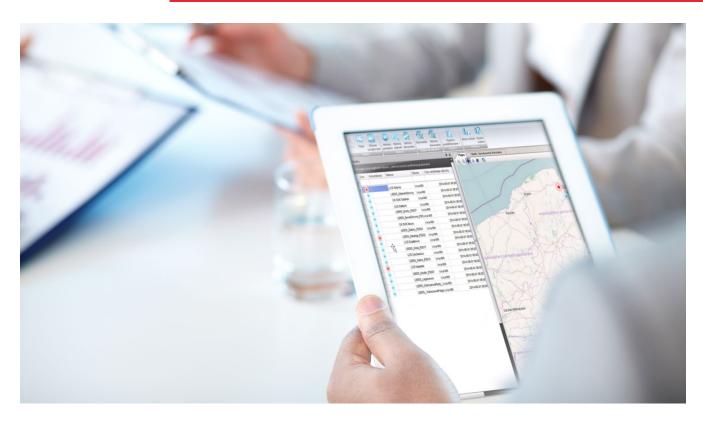# SOT
Technical Protection System

SOT (Technical Protection System) is a solution based on telemetry and remote monitoring systems that detect threats in a distributed technical infrastructure containing hundreds of objects and thousands of devices, events and measured values.

GENERAL DESCRIPTION

The Technical Protection System implements remotely the process of burglary and assault signaling (SSWIN), access control (KD), fire alarm system (SSP), closed-circuit television (CCTV), protection of Technical Infrastructure Monitoring (MIT).

The purpose of the system is to ensure an adequate level of security for people, property, data and the proper functioning of the protected facility..

APPLICATION

- control of technical facilities of any type and location
- server rooms and data centers

KEY FEATURES

✓ Modern interface

✓ Continuous monitoring of facilities status and automatic reporting of alarm conditions

✓ Possibility to supervise any structure of the facility and devices working in it

✓ Graphic representation of supervised areas by scalable maps and building plans

✓ Analysis of historical events

✓ Hierarchical structure of supervised elements: areas » locations » objects » elements

✓ Flexible data presentation structure - advanced presentation, sorting, grouping, hiding and filtering capabilities

✓ Unified presentation system - data is always presented in a consistent form. Possibility of free definition of signal labels, their scaling, units and alarm weights.

✓ Ability to define virtual signals - calculated according to a defined rule based on the values of real signals

✓ Configurable authorization levels against Area, Owner and Objects

✓ Communication via Ethernet (IP), PSTN and direct RS232/485 connection. Implemented many manufacturers' protocols, as well as universal protocols such as SNMP, ModbusTCP, ModbusRTU, REST

✓ The system structure is scalable. Depending on the needs, it can be expanded with new components.

THE SOT SYSTEM MODULES

SOT is a comprehensive remote monitoring solution composed of individual modules responsible for monitoring individual sections.

- **MIT** - Monitoring of Technical Infrastructure - the module collects measurement, alarm and technical data regarding supervised devices such as power systems, air conditioners, energy monitoring, etc.

- **SKD** - Access Control System - protects against unauthorized entry into the facility and individual buildings/rooms through the use of solutions such as gates, readers, access cards.

- **SSWiN** - Intrusion Alarm System - Response to unauthorized intrusion into the area or into the building or premises. An intrusion without deactivating the alarm will send alarm information to the Supervisory Center and notify security..

- **CCTV** - Video monitoring system - Monitoring by cameras of the area and premises. The image is recorded for analysis and recording of events. Presentation of images from IP cameras and NMS recorders. Possibility to play back the recorded video from the recorder, export the video to a file. Choice of camera image window layout: 1x1,2x2, 3x3, 4x4, 1+5.

- **SSP** - Fire Alarm System - Identification of the fire location by means of temperature, humidity and smoke sensors.

- **System alarmowy** - Alarm notification (common alarm) based on data from the above mentioned SOT modules.

- **Protokół REST** - Data sharing to external systems. Available are controller list, premises list and status, measurement history, controller history, control history, object location. It is also possible to initiate remote control.

Our experts will help to properly select and configure all the components of the Technical Protection System and integrate this product with other solutions.

COMMON QUESTIONS

→ measuring sensors selection
→ communication protocols
→ event notification methods
→ the ability to supervise other manufacturers devices

RELATED PRODUCTS AND SERVICES

→ indoor cabinets / racks
→ UPS
→ outdoor cabinets
→ batteries
→ installation service
→ extended warranty

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TELZAS sp. z o.o.

ul. Bugno 3, 78-400 Szczecinek, Polska
tel. +(48) 94 37 29 750, info@telzas.com, www.telzas.com