ARGUS

PSIM PLATFORM

**to manage
the security of facilities**

ARGUS version 2.0

PSIM-class software for managing facility security

Joins all new and existing systems into a single supervisory and control platform.

Integrates systems of single and distributed objects, regardless of the type of system and device manufacturer.

The latest software version

The ARGUS PSIM platform version 2.0 manages the security of facilities through supervision and control of integrated technical security systems. It collects, processes and presents data coming from many devices belonging to the access control, CCTV, intruder alarm systems, fire alarm systems, BMS and SCADA systems.

All data is presented on synoptic maps and in the event log. The states of each element are stored in the database along with the history. The ARGUS platform processes in parallel information from technical security systems, ensuring fast operation. It has the ability to control and monitor fire protection systems.

ARGUS
system
capabilities

- integration of any systems based on communication protocols, programming libraries or OPC servers

- distributed, network architecture of a client-server system

- ability to create distributed, hierarchical and redundant multi-server structures

- specialized interface and data concentrators

- system communication using DNP3, IEC-104 and TASE protocols

- real-time operation with event log time resolution of up to 1 ms

- searching for items on the map from the event log

- vector graphics with support for digital maps for presenting the states of supervised systems

- ability to observe maps at any scale with automatic visualization of subsequent layers - "decluttering„

- ability to integrate wired and radio communications (TETRA)

- GPS location tracking on digital maps

- advanced user rights management functions

- monitoring the status of applications and database servers

- access to source codes

- quick adaptation of the system to user requirements and changing communication protocols

- functionality and comfort of use thanks to a clear user interface

- possibility of operation from a web browser or desktop application

- visualization of the status of devices and measurements on maps

- ensuring the ability to control and execute control sequences

- calling procedures in response to system events

- additional ARGUS CCTV, ARGUS KD modules, anti-drone system

We are the producer of the ARGUS system and we have the source code of the software.

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The ARGUS system can be used for integration in various facilities.

From small, such as warehouse depots, building and office complexes, industrial and energy facilities, to very complex and extensive facilities, such as military complexes, fuel and energy distribution networks or crisis centers.

- ARGUS collects detailed information from all technical security systems

- provides an up-to-date, comprehensive picture of the security status at the facility

- enables immediate response to any failures and disruptions in the operation of supervised systems

- keeps systems on high alert

ARGUS PLATFORM

We adapt the PSIM software to the individual needs of our clients.
We take into account detailed preferences and the nature of the facility.

Collects data

It collects data from many different systems - alarm, access control, CCTV, fire protection, building management, communications, etc.

Verifies identified threats

The intuitive and easy-to-use interface of the PSIM platform provides the operator with ready-made information obtained from the analysis of threat data.

Provides ready-made solutions

The PSIM software platform provides ready-made procedures for incoming events or alarm situations, guiding the operator step-by-step through the decision-making proces.

Reports

PSIM enables tracking and storing information about all processes taking place in supervised security systems. The obtained reports are used to improve facility management processes, for in-depth system analysis, to supervise the correct work of operators, etc.

Analyzes data

Identifies real threats - analyzes collected events and alarms coming from various systems, giving them a specific priority.

Enables the development of an audit trail

PSIM also monitors each operator's interaction with the system, tracks any manual changes to security systems, and calculates response times for each incident.

Written using .Net Core 6.0, which provides multiplatform support.

The system has the ability to build an enterprise administration tree that facilitates the management of permissions, users and passings.

Granting and revoking authorizations to doors can be done using grouping, which speeds up the process of adding new users and managing them (an authorization group is a set of doors that, when assigned to a user, enable him to pass through the door after swiping with a card).

The passings are linked to the ARGUS CCTV camera visualization system, which, in the event of a violation, shows the passings in real time on the alarm screen.

Is fully compatible with other systems from the ARGUS family.

Allows integration with a tour system whose task is to count people on the tour route within the organization.

The system works with HID Elite cards, increasing enterprise security.

Can be run in web mode (browser) or as an application pre-installed on the disk of an operator or administrative workstation.

Status of the system is visualized in PSIM class systems - ARGUS 2.0 and ARGUS RV, from where you can also send controls to the ARGUS KD server enabling closing or opening the door on the electromagnetic lock.

The system monitors whether any person has gotten lost on the company's premises and is not causing a threat to the facility or themselves.

ARGUS CCTV — VIDEO MONITORING

The module allows to display images on multiple monitors.

Functions of tracking alarm situations, event playback, creating backup copies.

Enables advanced control of signals from industrial cameras.

Control takes place directly from the user interface.

5. The system allows you to create multiple protection zones; from the furthest one, informing only that the aircraft is approaching the target, to the nearest one, where the safety of the facility is at risk - in such a situation, the system can react automatically by jamming radio waves in the 2.4 GHz, 5.8 GHz and GPS/GLONASS frequencies or the system operator can trigger jamming manually; the system allows you to turn on and off individual jamming ranges; Additionally, the system can track a flying object using a long-range camera.

1. Thanks to the full integration of the anti-drone system with the ARGUS PSIM class platform, the operator can simultaneously use one system integrating all security systems operating in the facility, such as access control, fire protection system, closed-circuit television or intrusion system.

2. The system includes radar, a radio wave jamming device, RF detectors and a complex of long-range cameras.

3. Each unmanned aircraft is assigned its parameters, such as communication protocol, longitude and latitude, flight altitude, and movement speed; its flight trajectory is also drawn on the map.

4. A visible light camera effectively tracks an object during the day and a thermal camera at night; the software combines all signals from individual system elements, makes a decision and then visualizes the drone on a map; the drone can be effectively stopped within a 2 km radius

6. The anti-drone system module in the ARGUS platform works based on a graphic background in the form of a vector map; you can arrange all system elements on the map according to latitude and longitude.

7. Objects on the map are visualized according to their categories (vehicle, animal, drone, etc.); each category, at the operator's request, can be turned off to make the map easy to read.

8. All evidence of illegal air patrol of the facility is recorded in the event log and, after analysis, saved to disk and stored for a specified period of time; recorded material and flight trajectory can be played back on request

TELBUD SA

Since 1987, we have been providing solutions in the field of telecommunications, technical protection of facilities, automation and supervision and control. We specialize in the design, construction, implementation and maintenance of comprehensive technical security systems along with dedicated communication and power installations from various manufacturers. The ARGUS computer supervision and control system platform that we have developed is based on our own PSIM (Physical Security Information Management) software. We are an engineering company with 100% Polish capital. In 2012, we obtained a first-degree industrial security certificate, confirming our full ability to protect and process classified information marked "secret". Our authorizations allowed us to implement many serious projects for military units, mainly in the field of technical security, ICT networks and power supply installations.

- we design facility security, supervision and control systems
- we create and implement software integrating PSIM and SMS
- we build and implement computer supervision and control systems
- we build, integrate, maintain and service technical security systems
- we implement navigation aid systems for aviation