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## CAPABILITIES OF INDIVIDUAL ARGUS 2.0 SOFTWARE FUNCTIONS



**Features of the ARGUS PSIM v2.0 integrating software for security management:**

- logging in to the system,
- graphical display,
- event log,
- graphs,
- schedule,
- procedures,
- calendar,
- camera preview,
- icon status,
- administrator panel,
- modularity,
- anti-drone system.



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## PSIM software capabilities broken down into functions

### Logging in to the system

- each user has their own login and password
- each login attempt is recorded in the system
- once added users cannot be deleted but can be archived
- simple configuration of new users based on inheriting authorizations for specific groups
- after logging in, each user works on their own main screen that can be customized

### Graphical display

- vector map compatibility
- maps can be embedded within a tree structure to reflect an actual facility division
- element arrangement in actual locations on maps
- each system component has its own graphical display (icon)
- system component current status colour icon notification
- option to edit the form and colour of the icon and sound, depending on the assigned event

### Event log

- all events are recorded in the log
- every event has its own start and end dates
- depending on type, events are assigned priorities with colour representation
- the side panel contains an event list grouped by priorities
- each log record enables finding an element on the map
- a note can be added to each log record
- security-critical elements are subject to acknowledgement (confirmation) by the operator

## Graphs

- the graph module enables a graphic display of data sent to the system
- measurement (all available within the system) constitute data most frequently presented as graphs
- login log or the integrated system status history can also be displayed graphically
- graphs or data can be downloaded in png, svg ,or csv formats

## Schedule

- schedules are used to automatically set the elements of integrated systems
- appropriate system authorizations are required to create schedules
- application examples include automatic zone arming, opening ACS passages during specific hours, automatic setting of relay outputs

## Procedures

- option to independently configure procedures
- a procedure may be assigned to each system event
- a procedure may also be triggered manually by the operator
- automatic actions assigned to each procedure step, e.g., automatic notification of a specified user/superior about an event via sending an e-mail or text message (SMS)
- active procedures placed in a stack
- an operator with appropriate authorizations drags a procedure from the stack and executes it; during execution, the operator may return the procedure to the stack, so that a different operator can take over its execution

## Calendar

- planning and reminding operators of tasks and events
- option to link with a, e.g., technical inspection report or store reports in a single place
- access for authorized operators assigned to a task

### Camera preview

- real-time preview of camera image
- image/stream downloaded directly from the camera and not a recorder
- option to integrate with the Argus CCTV software to download recorder image
- option to hook-up camera image to any element on the map for information and verification purposes

### Icon status

- upon being clicked, each icon displays detailed information on the status of the represented element
- it is possible to apply settings, depending on the represented element and authorizations
- camera image can be assigned to each icon
- camera image can be zoomed in

### Administrator panel

- database changes – the system was developed based on two databases (editing and operating)
- system resources – current database occupancy
- users – user configuration
- login log
- agents – graphic interface to launch programs managing TSSs
- controllers – managing executed communication programs
- devices – TSS device status representation, with each element having its own icon
- signals – managing colours, sounds and icons
- version – information on the current version of the software and its sub-programs

### Modularity

- a user can be granted and revoked authorizations to tabs, elements, maps, schedules, etc.
- an operator can be commissioned with supervision over a TSS section

## Anti-drone system

- option to create threat zones
- various neutralization types: automatic and manual
- information on unmanned aerial vehicle position and flight altitude
- multi-sensor integrations employing radars, RF scanners, acoustic sensors, as well as thermal imaging and visible light camera systems – utilizing at least two types of sensors depending on terrain and environment
- enables obtaining correct drone position



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