THE ICZ LETVIS® SIM (ATC TRAINING SIMULATOR) PRODUCT SIMULATES A COMPREHENSIVE IMAGE OF AN AIRSPACE SITUATION DESIGNED FOR THE TRAINING OF ATC CONTROLLERS.

The ICZ LETVIS® SIM product is a training module for the ICZ LETVIS® system. It simulates radiolocation information, information about flight plans acquired through custom processing, and their subsequent generation and display, made available to local workstations through a LAN network.

The processing of radar and flight data takes place in real time and provides control stations with the same information as real air traffic control stations. It provides a control interface for managing exercises (ICZ LETVIS® INS) and for managing flight movements and parameters (ICZ LETVIS® PSP).

**[ BASIC FUNCTIONS ]**

- Simulation from real operation
- Simulation from exercises according to a mathematic model
  - Real aircraft characteristics (climbing, descending, accelerating, decelerating)
  - Modification of aircraft cargo and fuel – changes aircraft characteristics
  - Atmospheric model – impact of temperature and pressure on aircraft characteristics
- Generation of multitrack information
- Generation of radar information
  - Scan
  - Plot
- Connection to other simulators
  - HLA
- Setting technical parameters of aircraft models
- Control interfaces for
  - Managing exercises
  - Pseudo-pilot
- Data archiving
- Logging
**OPERATING SYSTEM**

**LINUX SLED/SLES 12 AND HIGHER**

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<th>Application SW</th>
<th>The ICZ LETVIS® SIM SW product includes:</th>
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<td>SIMser process</td>
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<td>HLAbridge standard interface</td>
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<td>AircraftEditor</td>
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**APPLICATION SW AND OPERATING SYSTEM**

**OPERATING SYSTEM**

- **Basic HW**: HP/DELL/COTS – INTEL platform
- **Multitrack output data format**: ASTERIX cat 62/65, UAP Alas6
- **Radar data output data format**: Scan: ALES – Scan; Plot: ASTERIX cat 34/38
- **Interface with other simulators**: HLA
- **LAN**: Ethernet, TCP/IP, UDP/IP
- **Maximum number of connectable sources of surveillance data**: 128
- **Maximum number of generated multitracks**: 1 000
- **Maximum number of assigned targets**: 100
- **Input/output data protocol**: ALES-XML message format

**COMMERCIAL CONTACT**

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