



SPECIAL ELECTRONICS AND CAMOUFLAGE

Specialisation

- Passive reconnaissance systems (SIGINT, ELINT)
- Radar and communication jammers across the frequency spectrum
- Command and control systems, information assets and technologies
- Laser and radar radiation detectors
- Camouflage of personnel, equipment and combat activity
- Deception of combat activity

Capabilities

- Antenna design, high frequency circuits and PCB design
- Prototyping and small batch production of electronic components including manufacturing documentation
- Algorithm design for programmable gate arrays and firmware development
- Design and implementation of signal processing algorithms
- Specialized software development
- Design and production of mechanical parts and electrical wiring including production documentation
- Laboratory and field testing of camouflage means
- Preparation of security certification documentation



Projects

- MRS – Portable radio surveillance and targeting system
 - SRTP – Tactical direction-finding ELINT system
 - RAPAMEP – Direction-finding ELINT system in the metre and decimetre bands
 - RATAN – ELINT signal analyzer
 - DETUAV – Passive UAV (drone) detector using fusion of several detection methods
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- JDK – Certified equipment for providing one-way data communication in classified systems
 - RIO – Device for remote control and data acquisition from sensors in military vehicles
 - PRESELECTOR – Frequency band adjustment device
 - UR206x – Universal radio receiver
 - NOMAD – New camouflage design
 - ADAPT – Adaptive camouflage materials for the protection of personnel and equipment
 - HOTCAM – Camouflage for areas with extremely high temperatures
 - MOMA – Mobile camouflage cover



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