



# ELECTROMAGNETIC WARFARE AND CAMOUFLAGE

## Specialisation

- Passive radio and radar reconnaissance systems
- Radar and communication jammers across the frequency spectrum
- Command and control, information devices and technologies
- Detectors of laser and radar irradiations
- Camouflage of personnel, equipment and combat activity
- Deception of combat activity

## Capabilities

- The designs of antennas, high frequency circuits
- Prototype and small-scale manufacture of electronic parts
- The development of algorithms for programmable gate arrays and firmware development
- The design and implementation of signal processing algorithms
- Software development for special applications
- The design and manufacture of mechanical parts
- The design and installation of electrical wiring in mobile devices
- Laboratory and field testing of camouflage



- Documentation processing for security certification
- Research and development of camouflage and deception devices of all types
- The design of camouflage deformation patterns of military equipment

## Projects

- STARKOM – mobile tactical communications jammer
- 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

- JDK – Certified equipment for providing one-way data communication in classified systems
- PRESELECTOR – Frequency band adjustment device
- UR206x – Universal radio signals receiver
- The WARNS1 – Portable detector of radar signals



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