

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

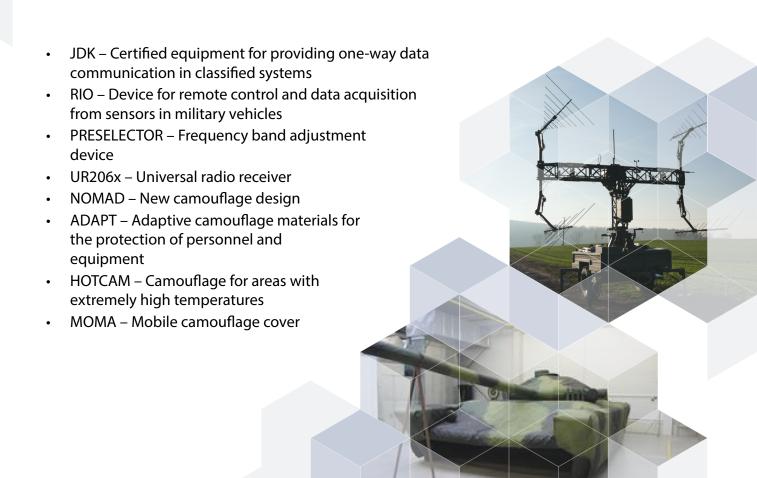
Capabilities

- 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





Military Research Institute, s. e.

Veslařská 230, 637 00 Brno, Czech Republic

phone: +420 543 562 107 e-mail: vvu@vvubrno.cz www.vvubrno.cz Contact

Ing. Jaroslav SKÁLA, CSc.

phone: +420 543 562 106 e-mail: skala@vvubrno.cz

