



**SEIBERSDORF**  
**LABORATORIES**



# Defence

## Services & Technology for Security and Operational Readiness

Defence applications place the highest demands on technology, organisation and personnel. Systems must function reliably and without restriction, even under extreme conditions. Seibersdorf Laboratories provides support through technology and services.

# Services & Technology for Security and Operational Readiness

Seibersdorf Laboratories supports companies, public authorities, institutions, emergency services and the armed forces in their work. We help to demonstrably ensure the security, operational readiness and reliability of systems, applications and processes.

## Our Services

### „Trust in Five Dimensions“

Through our range of services, we build trust through testing, measurement, analysis and training, based on state-of-the-art technology and many years of experience.

## CONTACT

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### **Operability**

- Effects of radiation on electronics and crew
- Radiation resistance of electronic components
- Shielding analyses to protect sensitive electronics
- Interference-free communication between systems
- Validation of EMC test equipment and screen rooms



### **Measurement & Analysis Techniques**

- Handheld devices and portal monitors for radiation measurement
- Radiation measurement probes for drones and aircraft
- Radiation clearance measurement of buildings and large devices
- Analysis of water and food contamination
- Uranium incorporation



### **Operational Safety**

- Testing of training simulators
- Zoning: Validation of safety and briefing rooms



### **Expertise & Training**

- Realistic live-agent training
- NATO-compliant training scenarios
- CBRN sampling training
- Radiological Incident Investigation and Exploitation (RIE)
- Tactical CBRN response



### **Human Safety**

- Analysis of EMF exposure
- Dosimetric monitoring
- Tests von LiDAR- und rangefinder-systems
- Nominal Ocular Hazard Distance (NOHD)



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