

SVIX

Smart Integration of Military Technology into Mobile Platforms

Modern battlefields place extreme demands on decision-making speed, information security, and effective cooperation between units. **Smart Integration** represents a comprehensive solution for connecting military technology, sensors, and communication systems into a unified, secure, and flexible platform.

Our goal is to ensure maximum operational efficiency, situational awareness, and personnel protection in any environment.



RETIA

retia.eu

+420 466 852 531
info@retia.cz

RETIA, a.s.
Pražská 341, 530 02 Pardubice
Czech Republic
retia.cz

What Is Intelligent Integration

Intelligent Integration is a modular system enabling fast and easy connection of various devices to mobile platforms – vehicles, command posts, and portable systems.

THE SOLUTION IS DESIGNED TO SUPPORT:

- interoperability between different systems,
- a high level of security,
- scalability according to mission needs,
- long-term operational reliability.

KEY INTEGRATION CAPABILITIES

Our solution enables the integration of devices that serve to:

- **Establish communication with other platform and command centers**
Ensuring stable, encrypted, real-time communication between units, command centers, and support systems.
- **Internal communication within the platform**
Efficient interconnection of crew members, onboard systems, and control units for seamless cooperation and rapid response.
- **Collection of diagnostic data**
Continuous monitoring of technical conditions, predictive maintenance, and minimization of operational downtime.
- **Navigation**
Integration of satellite, inertial, and tactical navigation systems for precise positioning, even in contested environments.
- **Enhanced information security**
Advanced encryption, access control, and protection against cyber threats.
- **Situational awareness creation**
Collection, analysis, and visualization of data from sensors, UAVs, and external sources to provide a comprehensive operational picture.
- **RF protection against improvised explosive devices**
Active suppression of radio-controlled threats and protection against improvised explosive devices.
- **Counter-UAV protection**
Detection, identification, and jamming of unmanned aerial systems threatening unit safety.

TECHNOLOGICAL ADVANTAGES

- Open and modular architecture
- Compatibility with alliance standards
- Resistance to jamming and electromagnetic interference
- Operation in extreme climatic conditions
- Remote management and update capabilities

BENEFITS FOR USERS

By implementing Intelligent Integration, you gain:

- higher combat readiness,
- faster decision-making processes,
- improved personnel protection,
- reduced operating costs,
- maximum utilization of available data.

AREAS OF APPLICATION

- Armored and tactical vehicles
- Mobile command posts
- Reconnaissance and monitoring systems
- Logistics and support platforms
- Special operations units

CONCLUSION

Intelligent Integration represents a modern standard in military system connectivity. With a strong focus on security, flexibility, and performance, it provides users with a decisive advantage in dynamic operational environments.

With us, you gain a reliable partner for the future of defense systems.