



S&T Slovenija d.d.
 Leskoškova cesta 6
 SI-1000 Ljubljana
 T: +386 1 5855 200
 F: +386 1 5855 201
 E: info@snt.si
 W: www.snt.si

S&T Slovenija Defence Programme

S&T Slovenija is the leading provider of high-performance IT solutions and system integration in its region. The company is setting standards for the future by offering a wide range of solutions, technologies and products for information support in military operations. The company's information systems for the military industry ensure top combat readiness and defence security. In 2007, S&T Slovenija formally founded the Military Programme Department aimed at developing solutions for the defence industry, specifically for information support in various activities of the Slovenian Armed Forces.

Slovenian Armed Forces are therefore guaranteed a reliable and secure exchange of structured electronic information all the way from the reconnaissance to the highest ranks of military command structure. S&T Slovenija has clearance to handle various data and documents, including NATO confidential information.

In the Adriatic region, S&T Slovenija is a Systematic authorized representative. S&T's range of products includes military computer equipment by Login, GD/Itronix, Panasonic, Blazepoint and BFI Optilas, which has been customized for use in extreme conditions.

Projects & Products

PDS (Peripheral Device Server)

The Peripheral Device Server integrates different military vehicle information and communication systems. It communicates with different systems by using various standards throughout the internal vehicle network or serial connections. It serves relevant data to personnel inside the vehicle or enables communication between vehicles by utilizing the tactical radio communications network. The PDS is currently being developed for Patria AMV 8x8, Steyer Pandur 6x6 (Valuk), and Otokar Cobra CBRN vehicles in use by the Slovenian Armed Forces.

Soldier's Communication and Information System

Soldiers on the battlefield today need information that is derived from data, distributed through fast digital networks and gathered by advanced sensors. The new soldier's equipment kit allows each unit to share real-time information with other units, coordinate movement and react to battlefield conditions quickly and accurately. Network-centric warfare is a relatively new concept that unifies all the advantages gained by other elements of the newly developed digital components.

SitaWare Plug-ins

S&T is developing small add-ons and plug-ins to implement specific functionalities that are requested by customers. These add-ons expand the functionalities of the existing C4I COTS tactical solution provided by the Danish Systematic Engineering.

UMO – Mortar Fire Control System

The UMO application significantly improves command and control of mortar fire, leading to improved speed and accuracy of aiming. The modular design of the application reduces complexity and allows easy extensibility. Every module functions independently and communicates with other modules through a separate radio communication system. The individual modules can be activated or deactivated according to the role of the application user in the hierarchy of the mortar company. The solution is based on the MIP C2IEDM data model.



TMS – Transport and Movement of Motorised Vehicles and Convoy Systems

The TMS application delivers the capability to record key data on vehicles and convoys, to plan their positions and movement, and track their physical movement using the GPS and mobile computing platforms in the vehicles. The system supports data collection on vehicle movements, saves the information about the vehicles in the system ADAMS C2IEDM and in the LOGFASS format, and also recognizes the vehicle's condition. It notifies route planners of possible detours and uses the systems to track vehicles.

VBS2 Virtual Battlefield System (SOP trainer / Process modeler)

S&T Slovenija consults, installs and maintains the VBS2 simulator – a fully interactive three-dimensional simulation system focused on small unit tactics and training of the operational procedures up to the company level. It is suitable for a wide range of training scenarios in a chosen simulated environment. Units use it to speed up their reactions and improve the organization of activities. Applications of VBS2 include, among others, mission rehearsal, tactical training up to combat team level, fire support, navigation, mission simulation and training in an urban environment.

S&T Slovenija developed a training environment focused on target management. The visually simulated environment enables the targeting process to be analyzed and modulated at the level of a motorised platoon. Multiple teams can train at the same time in the simulated environment, which significantly reduces the costs of use in the field and the duration of operations.

C2IEDM database integration projects

In order to provide secure and reliable transfer of information, all communication between applications is handled by custom software developed specifically for these systems. All applications communicate with the C2IEDM database, where they acquire the necessary information about the objects they deal with.

Command and control on the battlefield system capabilities include transfer of own-force data, intelligence data and less complex orders, mortar fire support coordination and support for Slovenian Armed Forces on missions abroad.

Armoured Modular Vehicles 8x8 – The objective of the project is a seamless integration of weapon and

sensor systems present in the AMV 8x8 vehicles. Integration of these systems is performed against the IS PINK system using the vehicle's communication network to distribute the data.

CBRN Recon vehicles – Integration of chemical sensor equipment, connection to a common military computer system according to the MIP standard.

IT support for Slovenian Armed Forces

S&T Slovenija provides information support for the Slovenian Armed Forces. It also organizes seminars and participates in the implementation and maintenance of the C4I/C2I systems. Our experience and extensive knowledge from the military field make S&T Slovenija the best partner when you are looking to outsource information services and support in the region.

Core Competencies

Extensive domain knowledge

In addition to top level IT specialists and developers, S&T also employs people with military background and ex-military personnel with over 30 years of combined experience.

In-depth knowledge of C2IEDM model

S&T Slovenija is active in the Multinational Interoperability Programme (MIP), an effort to deliver guaranteed interoperability of information to support combined joint operations. It is also participating in the DMWG group by performing in the information engineering discipline known as Data Modelling.

GeoSpatial information Systems – Extensive knowledge of ESRI GIS, Teleplan Maria GIS and Custom Mapping and navigation engines.

