

## Beyond the mud zone

### ***Robust IT equipment and drone accessories at Enforce Tac 2025***

**Lichtenau/Baden, Germany, 17.02.2025 – Modern armed forces have long been dependent on reliable communication, data processing and control systems in addition to traditional military equipment such as compasses and weapons. The closer you get to the so-called mud zone, the less the capabilities of civilian hardware meet military requirements.**

With the FZ-40 Tactical, for example, German company roda computer will be exhibiting a laptop with an Intel® Core™ Ultra 7 processor at the Enforce Tac 2025 trade fair, which continues to perform without restriction even under the harshest conditions. The robust device manufactured by Panasonic as the Toughbook 40 forms the series-produced basis of the FZ-40 Tactical and is equipped by roda computer with military connectors as specified by the respective user. The FZ-40 Tactical thus combines the latest developments from the civilian IT sector with a high degree of robustness and adaptability required by the military, which the German Armed Forces, among others, have often come to appreciate as a reference customer. In order to ensure that the FZ-40 Tactical can be used for a wide range of applications, the experts from roda computer offer robust, shielded power supply units as well as vehicle integration kits that can be easily installed into standard combat and support vehicles of international customers.

The T.A.D. (Tactical Android Device) developed by the Swedish company MilDef will also be on show at the roda computer stand in Nuremberg. This compact Android smartphone was also designed for tough military operations for dismounted soldiers and combines an open software architecture with intuitive usability in an extremely robust design.

An innovative drone control system also comes from MilDef and rounds off roda computer's trade fair appearance. The RC2143 tablet controller is the second generation of generic robot controllers that are based on the compact roda Panther DS13 tablet and encapsulate them to control UGVs or UAVs. This provides drone operators in the field with a universal solution that works reliably even in the harshest conditions down to -20°C.

With these systems, the selection from roda computer's product portfolio on display at this year's Enforce Tac in Nuremberg meets the challenges faced by military units in modern conflicts. In this respect, the trade visitors to roda computer will have the opportunity to experience a combination of new technical approaches and proven hardware protection concepts.

#### *About roda computer*

*roda computer is a leading provider of rugged IT and electronics solutions in the security and defense sector. For over 35 years, roda has been a reliable partner for the development, modification and delivery of military computers, displays, servers, networks and communication technology as well as uninterruptible power supplies. Products from roda are characterized by extreme reliability and durability to meet the current and future IT architectures and*

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digitization projects of armed forces worldwide. In addition, roda has in-depth expertise in the design and installation of large screen walls with KVM networks in situation rooms, control stations and operations centers. Strategic partnerships expand the portfolio and enable a system concept from a single source, even for large-scale projects.



**Fig. 1:** The robust Toughbook 40 is specially modified by roda computer to meet the needs of military customers. (©roda computer)



**Fig. 2-1 (alternatively 2-2):** The T.A.D. is a reliable companion in tough operations and can be easily integrated into the customer's IT environment thanks to its open system architecture. (©MilDef)



**Fig. 3-1 (alternatively 3-2):** The RC2143 drone controller from MilDef (pictured with Panther DS13) controls conventional and military drones on the ground and in the air. (©roda computer)