VINGTAQS II

THE SUPREME TARGET ACQUISITION SYSTEM

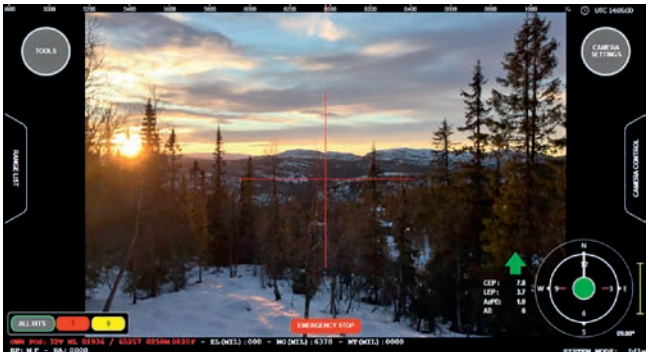
PASSION FOR **TECHNOLOGY.**

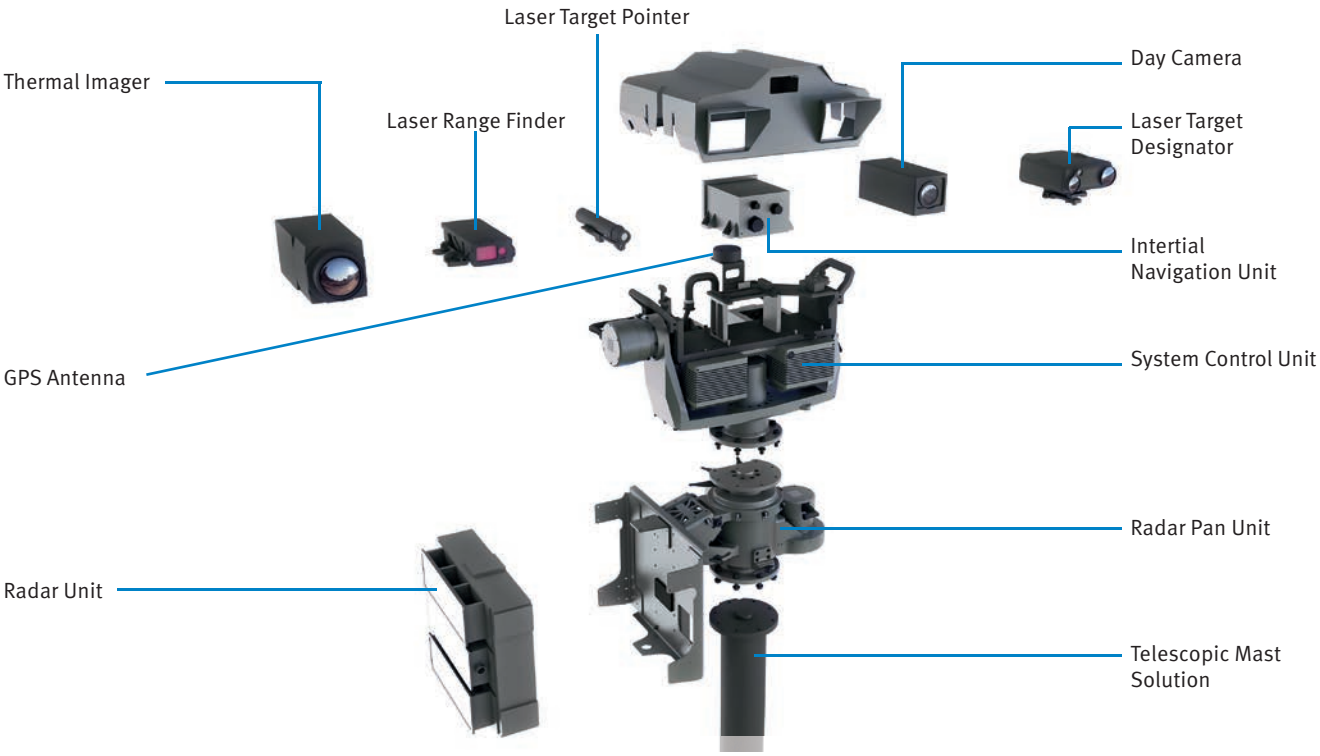
RHEINMETALL

Vingtaqs II is an observation, surveillance and high accuracy target acquisition system, designed to be used in various scenarios in order to gain information supremacy, share information and use the information to coordinate different effectors, which are vital and decisive factors in all modern military situations or conflicts.

The system is modular to meet specific customer requirements, and components can be changed in field conditions.
The sensors and control system are integrated into a Multi Sensor System, which is mounted on a retractable mast on a vehicle or on a tripod near the vehicle.

- Suitable for Forward Observer, Joint Terminal Attack Controller, Reconnaissance, Border Surveillance and Special Operations
- System precision reduces the chances for collateral damages, increases the effect of various effectors (artillery, bombs, missile, etc.) and increases the situational awareness
- Optimal digital video quality and video streaming available
- Optical and radar tracking
- Vector and point stabilized
- MIL-STD qualified





SURVEILLANCE

- Mast integration on vehicle to operate covertly and gain overview
- Possible to operate on tripod away from vehicle e.g. in buildings or higher ground
- Automatic surveillance (sweep mode) for operator endurance
- Integrated with BMS, e.g. send targets, images, stream video, own position, camera data, receive reference points, LRF distance and system status
- Slew to cue from radar, BMS, turret or RWS

RADAR OPTION

- Integrated radar for all weather capability, sensor cueing, and early warning
- Low output power from radar, allowing the system to be virtually undetectable for Electronic Countermeasures
- Artillery and mortar fire correction
- Automatic and manual target classification

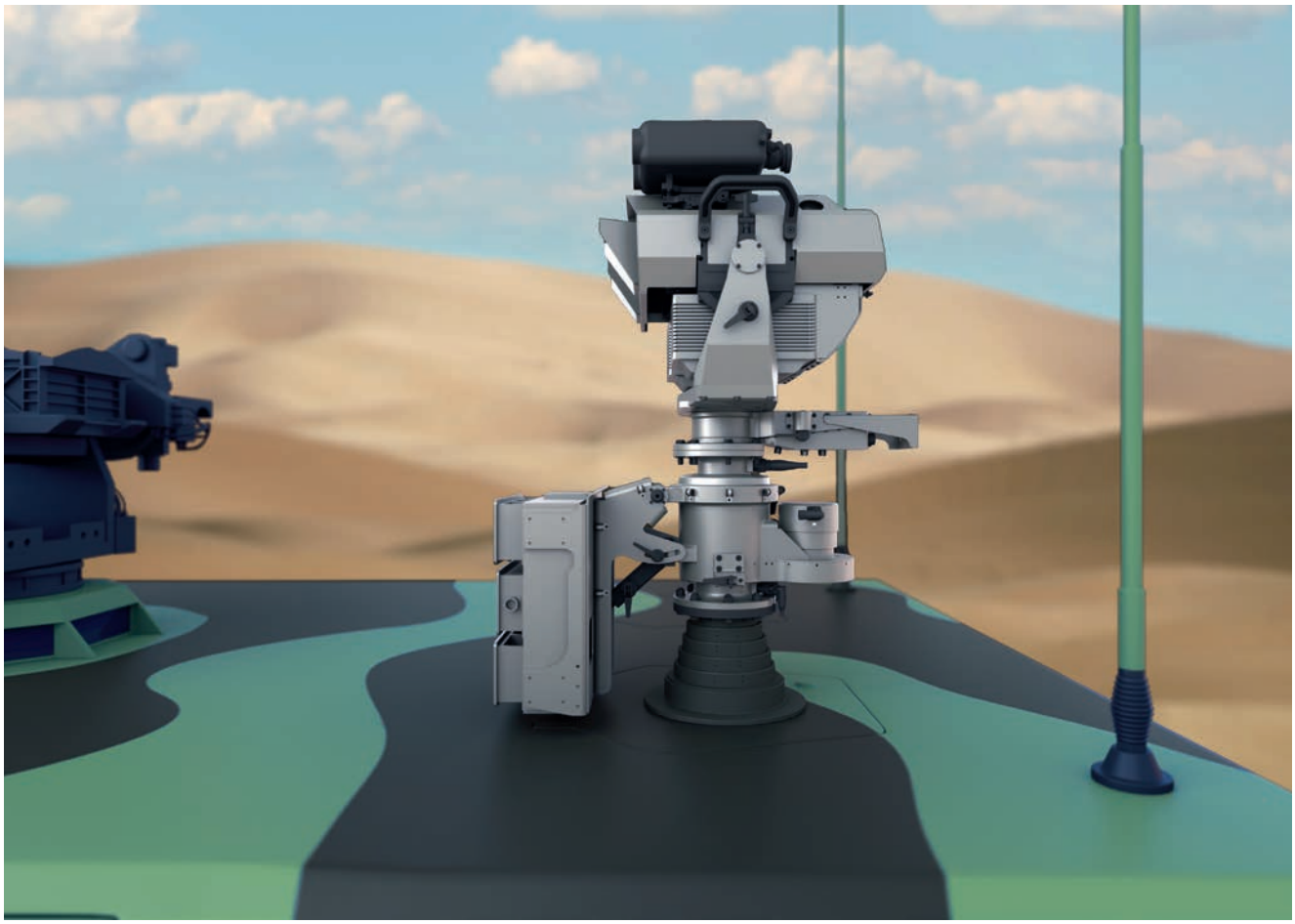
VINGTAQS II SYSTEM ACCURACY SPECIFICATION

The Vingtaqs II is capable of measuring and calculating targets precisely and accurately with tactical grade Target Location Error CAT1 (TLE), meaning low CEP/LEP (Circular and Linear Error Probable).

Vingtaqs II consists of high-quality sensors with low random errors that enable the system to calculate targets precisely.

LASER TARGET DESIGNATION

- Laser Target Designator integration for directing laser guided munition
- Laser see-spot to verify target and aim point correction during designation
- Easily perform Battle Damage Assessment with storing pictures and video with metadata
- Laser Target Pointer visible with low light cameras
- Visible for friendly forces using NVG
- Illuminate targets for patrols, helicopters, aircrafts or other



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