



LEGATUS®

VEHICLE EQUIPMENT

TAKING RESPONSIBILITY IN A CHANGING WORLD



LEGATUS®

Live Power by Rheinmetall

The LEGATUS® system is a family of modular live training equipment and is Rheinmetall's approach to completely satisfy all customer requirements in the field of live training.

LEGATUS® VEHICLE EQUIPMENT

The LEGATUS® Vehicle Equipment (VCE) guarantees the integration of all participant vehicles in a live exercise.

In order to achieve the best possible results, each vehicle is fitted with the VCE components according to its type and mission profile.

There are VCE components for:

- Main Battle Tanks (MBT) including the integration of fire control systems
- Armoured vehicles, such as APCs, IFVs etc.
- Logistics support and transport vehicles
- Umpire/Observer vehicles

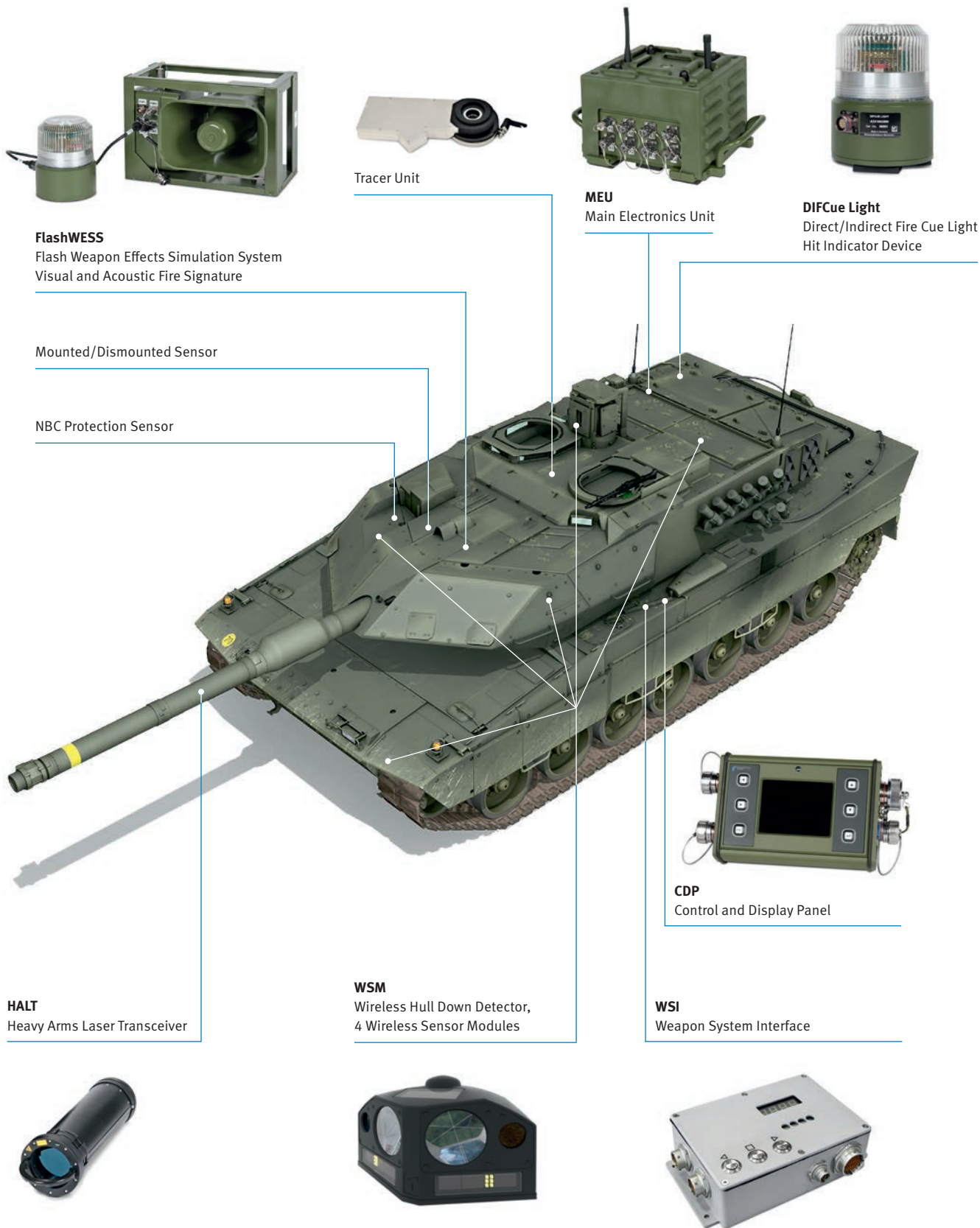
Through optimizing, modifying and designing the vehicle components according to the vehicle's tasks, it is ensured that all vehicle parameters are taken into account during an exercise.

GENERAL CAPABILITIES

- Simulates the firing of weapons during an exercise by using laser transmitters/transceivers
- Detects hits from laser transmitters/transceivers on the vehicle by using optical detectors and acquires weapon and ammunition information
- Communicates to the crew, that the vehicle has been hit and informs of the extent of injuries or damage
- Hit indication by optical and acoustical means
- Allows the tracking of the vehicle in real-time
- Communicates to the EXCON, in near real-time, the status of vehicles during the exercise

UNIQUE FEATURES

- Versatile simulation equipment to integrate combat, combat service, combat service support and civil vehicles in a combat training environment
- Innovative concept adaptable to a broad range of climatic and environmental conditions
- Scalable solutions depending on the nature of the regular vehicle equipment
- Supports in training the full spectrum of military operations
- Supports a highly distributed simulation concept for non-line-of-sight engagement and NC simulation to provide combat and environmental effects in real time
- High level of usability, allows for easy installation of simulation equipment (e.g. use of magnet adapter, no cabling required)
- Compatible with international laser code standards (OSAG 2)
- Sophisticated vulnerability simulation, which includes target contours and vulnerability zones
- Light and flexible vehicle equipment for support- and target vehicles
- NBC protection sensor to monitor the NBC status
- Mounted/Dismounted sensor detects and identifies soldiers inside vehicles. Primarily for troops inside AIFVs.



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