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ANTares – simulated tactical and operational training for combined forces

More realistic than ever, modern simulation technology makes a major contribution to readying our soldiers for deployed operations – from individual instruction in equipment operation to tactical leadership exercises for major formations.

A good example of a multifaceted, flexibly deployable simulation system is Rheinmetall's mobile Advanced Network Trainer (ANTares), a top-of-the-line tactical training system. Besides crew coordination training, ANTares permits tactical mission preparation for entire expeditionary units, even when deployed in in-country.

Whether main battle tanks, transport helicopters, ground control stations for unmanned aerial vehicles or the bridge of a frigate, the Rheinmetall Group's advanced modular cubicle concept makes it possible to network a vast array of land, air and naval weapons system simulators for sophisticated tactical training operations.

The system also takes into account the vital importance of an up-to-date database for effective mission rehearsal. Drawing on the latest reconnaissance data, the intelligent workflow of Rheinmetall's "Rapid Generation Database" automatically generates the required 3D virtual world in a matter of hours.

Moreover, systematic use of commercial off-the-shelf components significantly reduces system lifecycle costs, combining reasonably priced, flexibly configurable, requirement-oriented simulation with future-proof expandability thanks to standard interfaces.

At ITSEC 2013, a highly detailed model of the ANTares system will be on display at the Rheinmetall stand.

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