



ports

One of the two examples shown at IDEX is fitted with a turret as on the Russian (8x8) armoured personnel carrier, which is armed with a 100mm dual-feed cannon, a 12.7mm MG and a bank of electrically fired grenade launchers.

The top compartment extends the width of the Lazar III and the crew are provided with blast-attenuating ports and associated inter-proof windows. They are provided with roof hatches to quickly enter/leave the vehicle. A power-operated ramp is provided, which has emergency release. The crew typically consists of a commander, gunner, driver and up to two crew members. The Lazar III uses a Timoney T900 drive system integrated into a welded chassis, to which is added a steel monocoque

A swarm of mini UAVs

Italian company Vitrociset (Stand 07-B10) is showing for the first time at IDEX the SWARM, a command and control system for a co-operative fleet of heterogeneous mini/micro UAVs.

The Swarm system is able to plan, execute and review the missions of the co-operative fleet, with each of the mini UAVs equipped with a different type of sensor (optical, infrared or acoustic).

The sensors collect data from the environment to share with the rest of the swarm, using advanced computer vision algorithms. This makes the Swarm system dynamically reconfigurable and scalable in terms of operational capabilities.

An important consideration is that the Swarm's mini UAVs are structurally simple, at sensor level, to ensure that the loss of any one or more elements has a negligible impact in both operational and economic terms.

A ground station allows the operator to have a clear situational awareness, with the incoming data being processed and enabling him to adopt the best possible strategies for ongoing operations.

The command and control solution is based on a core built with a modular architecture, developed for robustness and reliability. It is expandable and deployable in a fixed multi-console environment or in a mobile configuration. ■



On the move

Ireland-based Timoney Technology (Stand 09-A32) this week signed an agreement with Indonesia's PT Pindad to upgrade the Badak 6x6 military vehicle with a customised

Timoney modular case and steering

Timoney's drive system can be customised to meet specific needs. It designed a line packaging system to meet the requirement, as well as has a special front box linked to the greater space to the system.

"The design of the system is the customer's choice," says Shane O'Neill, Timoney's CEO. "The system has the elements of the system to have capitalised on the experience of our solutions."

Get combat-ready

Military weapons training is significantly improved with the range of training ammunition and convergence from the UK-based UTM (Ultimate Training Munitions), showing its offerings in the UK pavilion (Stand 05-C27).

The company's battlefield blank rounds (BBRs) emit a realistic noise and cycle the weapon as normal rounds do, without the need for a blank-firing adaptor (BFA). They also offer increased safety over traditional blanks and are non-toxic.

The silent blank rounds (SBRs) are 'dry' fire rounds, which cycle the weapon with no noise or emissions. These are used to accelerate basic weapons handling skills and to improve classroom training, while also shortening training time.

UTM sees the Gulf as a priority market and actively seeks suitable



partners in the region. Graham, international sales manager, says: "Having training systems that improve and converge methods and doctrines is what the UTM offer. They offer training at all levels and come with the most realistic training system

THE AUSTRALIAN SHIPBUILDER

INTERNATIONALLY COMPETITIVE SHIPBUILDING CAPABILITY.

AUSTRALIAN BORDER FORCE &
ROYAL AUSTRALIAN NAVY
Cape Class Patrol Boat