

Primetech supports a new era of collaborative initial response

Primetech's innovative new Tactical Response Vehicle, with MultiPod, MistMax and Cold Cutting options, supports the drive for a more effective response and enhanced multi-agency collaboration



Primetech's Tactical Response Vehicle (TRV) with MultiPod, capable of carrying the new generation of fire fighting systems, such as the MistMax/MistNozzle system and the Cold Cut high-pressure system

Now more than ever, the pressure is on emergency services to deliver more with less, by adopting more efficient single, combined or multi-agency emergency response vehicles and systems.

To support these moves, emergency service personnel need the right tools for the job, and a key requirement for this is the development of more effective, cost efficient and collaborative initial response vehicles.

MultiPod

To answer this requirement, Primetech has designed and created the MultiPod. MultiPod is a drop-in module capable of turning an off-the-shelf or under utilised existing fleet, utility style vehicle into a Tactical Response Vehicle (TRV).

The TRV vehicle is capable of carrying the next generation of fire fighting systems, such as the MistMax system, which delivers

low pressure fire fighting capability via the patented MistNozzle with a 65% reduction in water used, and the Cold Cut ultra-high-pressure system.

The new TRV with MultiPod and MistMax will be unveiled at the Emergency Services Show in September and will be available for demonstrations immediately afterwards.

With its versatile internal storage capacity, MultiPod is also capable of carrying MultiNet, the single and multi-agency command communications system, as well as police and paramedic support equipment.

Improving efficiencies

Prime Minister Theresa May, then Home Secretary, stated in her Reform speech (24 May 2016) that the fire service had to change and look for new initiatives for working. Since her speech, much has been said and written about the need for the emergency services to explore new ways to improve efficiencies and promote collaboration.

Sir Ken Knight's 'Facing the Future' report stated, 'New mobilising protocols, new vehicle types and improved technology are all highlighted through the press and media as improving the efficiency of the service in austere times.'

Primetech has met with fire service personnel and we have listened to how they perceive what the future of the fire and rescue service will be. Taking on board the comments received, Primetech believes we have developed a comprehensive and innovative solution. Our universal family of flexible, demountable MultiPods can be set up for use on a wide variety of different

vehicle platforms and configurations, and used in a multitude of different ways.

MultiPod is constructed using advanced polymers that deliver great strength but which are light in weight.

Fire fighting is supported with either the MistMax misting system or the Cold Cut ultra-high-pressure demountable system, both delivering huge fire fighting power due to the effectiveness of misted and high pressure water in suppressing fire temperature and airflow to fire sources.

MistMax system

The MistMax system is a lightweight, compact, pump driven fire fighting unit, encompassing the latest integration of materials, design and functionality. Using the patented MistNozzle technology, it maximises water preservation and has an option for a foam induction system to be included within the unit.

Integrated water tanks of various sizes allow self-sufficient supplies of water to be carried, permitting higher vehicle speeds. The MistNozzle not only provides a very powerful level of fire fighting, but it also allows users to have extended use of water supplies, consuming 24ltrs/min in Mist mode and 48ltrs/min in Jet mode.

The system is suitable for both urban and rural fire services looking to provide initial response vehicles. It also assists and supports retained firefighters in all areas, and other emergency services that are dealing with road traffic accidents.

Communications

Primetech's groundbreaking MultiNet Comms system can also be carried on the TRV with MultiPod. This latest technology provides command teams with fully portable, battery powered C-COM Ka-band mobile satellite broadband and other incident ground communications systems.

Command teams using the system can be housed in rapidly assembled temporary shelters carried in the vehicle or in local buildings, thereby reducing the need to acquire and deploy large, expensive Incident Command Units.

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Primetech's family of flexible, demountable MultiPods can be set up for use on a wide variety of different low cost vehicle platforms



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