

News

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Med-Eng Introduces New ‘Avenger’ Robot to Assist Bomb Technicians and Military EOD Teams Defeat Terrorist Threats

Advanced counter-threat capabilities for urban and military operations

OTTAWA, Canada – [Med-Eng](#)® announced today the launch of the Avenger Remotely Operated Vehicle (ROV) at the 2017 SHOT (Shooting, Hunting, Outdoor Trade) Show, Booth #12762. This bomb disposal and tactical robot has been engineered to provide police and military response teams with enhanced capabilities to manage ongoing and emerging threats posed by terrorists, particularly in urban environments where Vehicle-Borne Improvised Explosive Devices (VBIEDS, or ‘car bombs’) are of concern.

The Avenger, designed and manufactured by ICP NewTech, is a mid-sized ROV with most of the operational capabilities typically found only in much larger and more expensive robots. Its performance-to-size ratio is outstanding and reflects the advanced electro-mechanical engineering that guided its development. The Avenger’s highly dextrous arm and claw can easily reach inside, above and below cars, pick-up trucks and delivery vans, to remotely investigate suspicious devices, such as Improvised Explosive Devices (IED).

The system includes an on-board computer that fuses data from multiple Chemical, Biological, Radiological, Nuclear & Explosive (CBRNE) sensors and cameras, and relays it to a command post. This integrated sensor suite provides a mission-critical tool for managing CBRNE and Hazmat threats, such as a terrorist’s ‘dirty bomb’, and mitigating risks to the surrounding public. The numerous sensor ports are compatible with many specialized sensors that bomb squads already have, so they can make use of their existing equipment and attach new tools in the future.

In announcing this new urban response tool, [The Safariland Group](#) President Scott O’Brien remarked, “We are very excited to present the men and women on the front lines with a sophisticated robot that will allow them to remotely engage hazardous threats with great effect.” He continued, “The safety of first responders, elite military EOD teams and local citizens is of utmost importance to Safariland and this new system will prove to be an integral part of securing densely populated areas across the United States and the international community.”

Rob Reynolds, general manager of Med-Eng, described the Avenger as, “a robot platform that has real potential to change the landscape of the mid-sized ROV market for the betterment of end users.” He elaborated, “The Avenger combines the mobility and ease of deployment advantages of a mid-sized robot with the reach, lift and sensor-fusion capabilities of bigger platforms. We have been extremely impressed by its performance, technology integration and reliability, and firmly believe it will be readily embraced by bomb squads and EOD teams worldwide looking for a highly effective and affordable robot in a smaller size.”

Eamon Jackson, CEO of ICP NewTech, commented, “We listened very carefully to the needs of end users and recognized the operational challenges they’re facing now and in the

foreseeable future. It became clear that response teams needed a robotic platform that could be easily transported through congested urban centers, which meant keeping the robot at a smaller scale. We then applied our engineering expertise to develop a system that could attack a range of VBIED-type threats, overcome obstacles, and give users the freedom to deploy and leverage many of their existing sensors and EOD tools.” He concluded, “The Avenger sets a new high mark that will benefit police and military agencies for years to come.”

The Avenger is on display at The Safariland Group booth, #12762, throughout SHOT Show 2017, from January 17 to 20. During this time, technical briefings will be available to members of the law enforcement and military communities. For more information, please visit www.med-eng.com.

About ICP NewTech

ICP NewTech is a privately owned Irish company that designs and manufactures Remotely Operated Vehicles (ROVs) for security forces conducting bomb disposal and military EOD operations. The theme of ICP NewTech's product range is ‘Saving Lives’ and its robot platforms are deployed worldwide to protect personnel from dangerous and life threatening situations. The Company's state of the art facility includes a world class training center for customers to learn how to operate robots and an array of related EOD equipment in realistic scenarios. Its leadership and technical authorities bring over 60 years of combined expertise in the ROV sector and are deeply committed to developing high quality products.

About Med-Eng®

The Med-Eng® brand provides integrated and battle-proven solutions for protecting frontline personnel from blast and heat threats. Its Personal Protective Equipment, robots and specialized tools for Explosive Ordnance Disposal (EOD), bomb disposal, tactical operations and demining are trusted by military and public safety agencies in approximately 100 countries and territories worldwide. Its Crew Survivability solutions, including customized blast attenuation seats and thermal management systems, protect military vehicle crews and their mission-critical electronics. All Med-Eng equipment is engineered and rigorously tested to help save lives and enhance operational capabilities. Med-Eng is a brand of The Safariland Group. For more information, visit www.med-eng.com.

Med-Eng is ICP's exclusive worldwide sales and marketing partner.

About The Safariland Group

The Safariland Group is a leading global provider of a broad range of safety and survivability products designed for the public safety, military, professional and outdoor markets. The Safariland Group offers a number of recognized brand names in these markets including Safariland®, Med-Eng®, ABA®, Second Chance®, VIEVU®, Mustang Survival®, Bianchi®, Break Free®, PROTECH® Tactical, Defense Technology®, Hatch®, Monadnock®, Identicator® and NIK®. The Safariland Group's mission, "Together, We Save Lives", is inherent in the lifesaving and protective products it delivers. The Safariland Group is headquartered in Jacksonville, Florida. The Safariland Group is a trade name of Safariland, LLC.

For more information about The Safariland Group and these products, please visit www.safariland.com.

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For further information, please contact:

CGPR

Chris Goddard

(781) 640-8387

Chris@cgprpublicrelations.com

CGPR

Angie Mathews

(714) 768-1140

Angie@cgprpublicrelations.com

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