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Military Ground Robot Mobile Platform Systems to Engage Terrorists: Market Shares, Strategies, and Forecasts, Worldwide, 2015 to 2021

https://marketpublishers.com/r/M13B88BCA51EN.html
Date: February 2015
Pages: 644
Price: US$ 4,000.00 (Single User License)
ID: M13B88BCA51EN

Abstracts

LEXINGTON, Massachusetts (February 27, 2015) – WinterGreen Research announces that it has published a new study on Military Ground Robot Mobile Platform Systems of Engagement: Market Shares, Strategies, and Forecasts, Worldwide, 2015-2021. The 2015 study has 644 pages, 302 tables and figures. Worldwide markets are poised to achieve significant change as platforms of engagement leverage military grade mobile robotic device capabilities in the fight against terrorism.

Economies of scale and new levels of protection availability are provided by military robots. Military robot target markets are military, government, and commercial. Funding sources for military robots are likely to expand beyond the army to the state department and the intelligence community. Beyond that, virtually every government department is likely to purchase military robots.

Funding sources for military robots become more widely dispersed than has been the case with military purchases by the cold war military industrial complex. Instead of a very few large defense contractors fighting for each large contract award, military robots represent adaptations of competitive bidding to suit the military needs for a robot.

Some funding may come from organizations like the FAA, the agriculture department, the CDC, and other government agencies that have outreach responsibility. The point is that military robots are affordable, useful, flexible, able to be re-purposed, and extremely effective in the field.

The military robots that are lasting are those implemented as a versatile platform ready to combat terrorism wherever it appears. Terrorists feed on the unexpected. As a

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military robotic platform technology that accepts multiple different modules, robots can be repurposed within minutes in the event of a terrorist attack.

A traditional IED military robot deterrent may not be the most effective in a terrorist situation. With a robotic platform approach, the army can respond to situations that are creating the need for flexible, general purpose military response to threats. The military robots can change their purpose to meet a need that might not even have been thought of before the need arose.

The military robots are helping change the definition of what an army does to protect a nation. Terrorists are among the forces that have changed the role of the army altogether. Not only terrorists, but world economic changes to industrial footprints, military responsiveness needs change rapidly. Armies with military might remain the only way for a country to enforce protection of its economic interests, it ships, its manufacturing, its trading capabilities, and its borders.

Without a military and strong military allies, a country has no standing in the world economy. It has no way to protect the integrity of its borders. It has no way to protect its citizens. Military strength remains dependent on ships, aircraft, and a good army. The military robots support an army and the other branches of the armed forces as well. Military robots will to some extent leverage existing civilian technology, repurposing common devices to create a military robotic platform.

The US army is embroiled in change of a different order – downsizing its size, downsizing the number of soldiers deployed. This is an all-consuming task, not leaving much bandwidth for the leadership to think about how to combat terrorism with robots. The leadership of the army does have the idea that downsizing will free up budget to invest in technology.

All that labor cost needs to go away in order to invest in technology. When the army leadership does turn its attention to technology, it will see that the need is to complement the air force drones with a ground force of military robotic automated process implementation unlike anything we have ever seen before is the way to go.

The modular approach to implementing a robot that can be controlled remotely is the ideal way to address the new challenges the military encounters. Instead of building a new duplicate communications network, the military can leverage existing global civilian networks, funding modest changes to those existing networks, making them better for the military, regional and local law enforcement agencies, and the civilians.

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According to Susan Eustis, the lead author of the study, “the military robot purchase is driven by the need for modernization of the military. The new military is dependent on flexibility and early response. The use of military robots is based on providing a robot that is less expensive to put in the field than a trained soldier and supporting the desire to keep the trained soldiers out of harm’s way. That automation of process and modernization has appeal to those who run the military.”

As nations test their ability to annex neighbors, negotiated resolution to conflict depends on the relative military strength of all the interested parties. Military robots are a key aspect of an evolving global need for military presence everywhere.

Military ground robot market growth comes from the inherent advantages provided by technology. Technology is poised to be effective at the forefront of fighting terrorism. Markets at $3.2 billion in 2014 reach $10.2 billion by 2021. Growth is based on the adoption of automated process by armies and military organizations worldwide. This automated process implemented as a combination of software for innovation and robotic platforms is not the traditional military system.

They are systems of engagement that have arms and sensors, tracks and wheels, motors and solid state batteries. These systems of engagement support leveraging smart phones and mobile platforms. The aim is to achieve a broader, more intelligent military presence in every area of the globe.

WinterGreen Research is an independent research organization funded by the sale of market research studies all over the world and by the implementation of ROI models that are used to calculate the total cost of ownership of equipment, services, and software. The company has 35 distributors worldwide, including Global Information Info Shop, Market Research.com, Research and Markets, electronics.ca, Bloomberg, and Thompson Financial. WinterGreen Research is positioned to help customers facing challenges that define the modern enterprises.

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and forecast analysis services for a range of commercial and government customers globally. These are all vital market research support solutions requiring trust and integrity.

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