

# Law Enforcement, First Responder, Border Patrol Ground Robot Market

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## Abstracts

WinterGreen Research announces the following study: Law Enforcement, First Responder, Border Patrol Ground Robot Market Shares, Strategies, and Forecasts, Worldwide, 2013-2018.

Law Enforcement, First Responder, Border Patrol ground robot market growth comes from the device marketing experts inventing a new role as technology poised to be effective at the forefront of fighting terrorism. 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 Law Enforcement, First Responder, Border Patrol presence in every area of the globe.

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## About

Law Enforcement, First Responder, Border Patrol ground robot market growth comes from the device marketing experts inventing a new role as technology poised to be effective at the forefront of fighting terrorism. Markets at \$4.5 billion in 2013 reach \$12.0 billion by 2019. Growth is based on the adoption of automated process by Law Enforcement, First Responder, Border Patrol organizations worldwide. This automated process implemented as a combination of software for innovation and robotic platforms is not the traditional Law Enforcement, First Responder, Border Patrol 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 Law Enforcement, First Responder, Border Patrol presence in every area of the globe.

In the last decade, the U.S. Law Enforcement, First Responder, Border Patrol poured money into unmanned ground systems to help protect troops against improvised explosive devices. There is the issue that the Defense Department needs to repurpose all those robots once the war in Afghanistan comes to a close. The wider market for Law Enforcement, First Responder, Border Patrol ground robots will develop as a mechanism to fight terrorism in response to the bombings in Boston and elsewhere. Bombing of civilians is a very serious matter and needs to be addressed with mobile platforms that prevent terrorist acts.

While the Army's committed to unmanned ground systems, appears to be slowing, this commitment is anticipated to heat up again quickly. the investment priorities are anticipated to change as the Defense Department realizes that investments in ground robots are needed to fight terrorism everywhere.

Just as troops leave Afghanistan, so also the robots that worked alongside them leave. The difference is that the robots are finding new uses as mobile security platforms that protect against the loss of human life The Army plans to upgrade 2,700 of its existing Law Enforcement, First Responder, Border Patrol robot systems for use in training or further deployments.

According to the report "Law Enforcement, First Responder, Border Patrol Ground Robot Market" by WinterGreen Research, another 2,469 will be divested and given to Defense Department partners or other government agencies. The U.S. Law

Enforcement, First Responder, Border Patrol 's spending on UGVs appears as though it might decrease according to the words coming out of the defense department, but as Congress assesses the damage from the Boston bombing,

It will become apparent that there is only one choice from fighting terrorists efficiently and that is through the use of Law Enforcement, First Responder, Border Patrol ground robotic platforms that function as mobile systems of engagement.

Law Enforcement, First Responder, Border Patrol ground robot market shares and market forecast analysis considers that Law Enforcement, First Responder, Border Patrol ground robots have a vast new market based on their ability to protect human life in the event of terrorist attack. This was proved virtually in the recent Boston terrorist attack when one of the Watertown police officers pulled the emergency brake on a police vehicle and rolled it up next to the terrorists in the stolen SUV Mercedes. Without actually being in the car, the local police officers were able to spook both terrorists by making them think they were being directly flanked.

The terrorists thought the vehicle really had police offices in it and shot toward it and detonated bombs in the rogue vehicle. The virtual robot vehicle did its job of protecting the lives of the Watertown police officers and of catching the bad guys.

Both terrorists were captured using robots, the robot car (actually a real car that was pushed into a bad situation as a robot would be, thus simulating a robot) and the robots that were used in the boat where the other terrorist was hiding to inspect the situation had a direct role in capturing the terrorists. Thus the Boston bombing illustrates a whole new use for Law Enforcement, First Responder, Border Patrol robots in terrorist situations.

In this manner, robot vehicles are sure to be used to fight terrorism going forward. It should be noted that though all the resources of the federal government and state government were directed toward solving the crime, that it was the very local group of police, the Watertown police department who did much of the work.

It was the local Watertown police department members who were engaged in a firefight with terrorists and who had to think on their feet to capture the bad guys and do it without getting killed themselves or endangering other civilians.

It is to the credit of the local police department that they were able to do this and it is noteworthy that they did use Law Enforcement, First Responder, Border Patrol robots in

the endeavor and the police vehicle that doubled as a Law Enforcement, First Responder, Border Patrol robot presages more use of Law Enforcement, First Responder, Border Patrol style robots by local police departments.

The defense industry is entering a new era. Law Enforcement, First Responder, Border Patrol robotics are poised to play a significant role in achieving change in security delivery. With battlefield engagements winding down, terrorism has emerged as a constant and current threat. The recent terrorist bombings in Boston and other cities worldwide illustrate that threat. Law Enforcement, First Responder, Border Patrol robots are the best practice technology for dealing with terrorists in many cases.

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