

Future Changes in Military Technology Market Analysis 2017 (By Segment, Key Players and Applications) and Forecasts

Future Changes in Military Technology Market 2017 by Current & Upcoming Trends

PUNE, INDIA, December 15, 2017 /EINPresswire.com/ -- Summary

Defense technology is advancing at quite a rate of knots in 2017 and some remarkable new abilities are available for militaries to purchase. From robotic mules through to drone swarms and rail guns there are multiple areas of strong innovation in the defense industry. Some of these technologies have the potential to change how warfighting works in the future and in a new world where the balance of power internationally is more scattered between different multiple nations many are preparing for the concerning prospect of state versus state conflict in the future. However whilst some are game changing there are plenty of other technologies that are a black hole for money and resources, producing impractical, complex, expensive and unworkable machines. The key task though in this period of rapid development is recognizing the full implications of using a new technology indiscriminately, before it becomes a new, dangerous and counterproductive threat to world security.

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Key Questions Answered

- What technology absorbing the attention of modern military planners?
- Where is the money going and is it being spent wisely?
- Are all of the new technologies emerging actually practical?
- What can we expect to see in future wars and does this make the world safer or less safe?

Scope

- Examine how military technology is developing and what the militarys are spending their money on.
- Learn what trends in warfare are driving the changes being seen.
- See how just how useful new technology is and whether or not money is being wasted on certain projects.
- Examine how these changes might alter modern military strategy and just how the global balance of power is changing.

Reasons to buy

- One of the largest levels of military investment is going into procuring equipment that can operate automatically, that doesn't require human operators and can back up units on the ground. This is funneling into all manner of equipment, from automated attack drones, self-driving convoys, automated submarine hunters and many other types of kit. The potential for protecting soldiers is very high, taking over some of the most high-risk jobs and working to protect troops on the ground. However, a lot of this technology comes with very difficult obstacles to navigate including the implementation of this equipment into a fighting unit and protecting it from cyber-attack, but beyond that there are a wide variety of moral and ethical dilemmas to negotiate too. Furthermore, much of this equipment will require a complete rewriting of military strategy and doctrine and for the time being

there will be relatively incremental steps to introduce this tech, rather than giant leaps forward.

- Stealth technology can be a complete disruptor in various military equipment types. The ability to avoid detection and attack or defend targets with the element of surprise, or complete surveillance missions under an enemy's nose gives one military a critical edge over another. However, a significant problem with the technology is that the expense required to acquire it can be staggering. The cost involved in fact can be so high that it delays development by years in some cases and requires an enormous amount of secrecy in the design in order to keep it secret and still effective from other militaries. There may be much better ways to achieve the same effect particularly when considering some of the new technology options available today. Multiple countries are still pursuing stealth options and there are some much simpler and less expensive ways to achieve an element of stealth.

- In the context of all the technological opportunities that are being experimented with in the defense sector, modern military strategy and doctrine will have to change too, right down to the core of the basic concepts of how to fight an opponent. Couple with this, the ethics and morality of how two human opponents should engage each other in a new world where automated machines are doing both the majority of the work and the killing itself, and a great deal will have to change in the coming years should many of the new technologies be adopted. The breakdown of the current structures of global power from a unilateral to a multilateral system is also likely to affect how common warfare is and whether there will be conventional warfare in future. Technology is producing some disruptive change in the way that warfare works from strategy through to power balances between states.

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