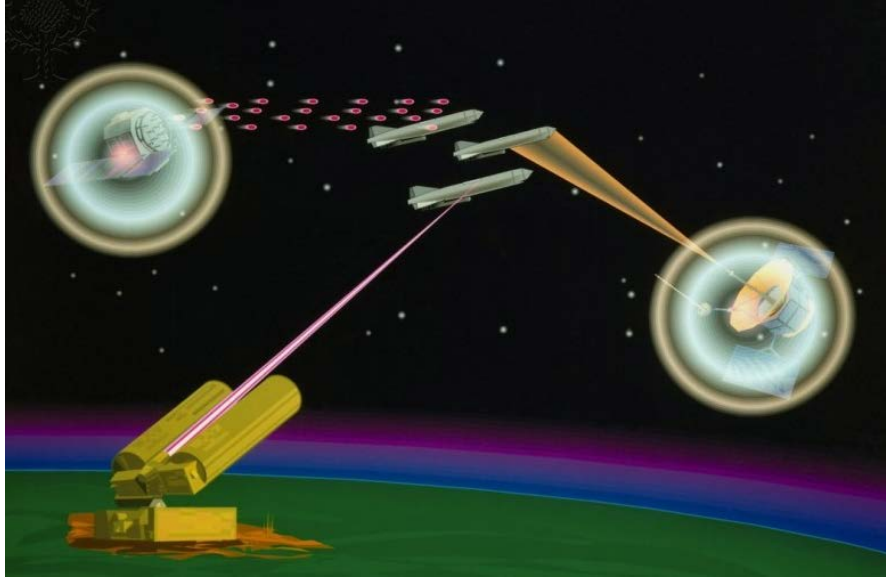


WARFARE TECHNOLOGY



Source: Encyclopedia Britannica ImageQuest

Warfare Technology has come a long way from the origins of the catapult and have progressed nearer to Star Wars where laser guns and robots are part of military warfare. Technology has enabled long range attacks, advanced surveillance, reconnaissance and enemy detection in dark and dusty environments with the use of drones, robots, sensors and various imaging devices. This reading list contains over 40 published articles over the last 3 years to give an insight into the latest and developing warfare technologies.

The Library will periodically add new resources to this list. Links to the full-text are indicated. If you encounter any problem in retrieving the materials, please contact library@sutd.edu.sg for assistance.

Please also forward us titles that you would like to share with others in this list.

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- ☒ LAND
- ☒ NAVAL
- ☒ SURVEILLANCE
- ☒ TRAINING
- ☒ WEAPONS

INTRODUCTION

Insightful information to understanding the development warfare technology over the years

[Hambling, D. \(2006, September 4\). Introduction: Weapons Technology. 2016, from https://www.newscientist.com/article/dn9980-introduction-weapons-technology/](https://www.newscientist.com/article/dn9980-introduction-weapons-technology/)

[Military technology. \(2016\). In Encyclopædia Britannica. Retrieved from http://academic.eb.com.library.sutd.edu.sg:2048/levels/collegiate/article/110174](http://academic.eb.com.library.sutd.edu.sg:2048/levels/collegiate/article/110174)

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AEROSPACE

Aerial technologies to engage in combat, surveillance, delivery and more

[Aerospace and Defense Technology--Unmanned Aerial Vehicle Innovations. \(2016, February 26\). Retrieved November 24, 2016, from http://cfs.frost.com.library.sutd.edu.sg:2048/p/54739/#!/ppt/c?id=D871-00-02-00-00&hq=military](http://cfs.frost.com.library.sutd.edu.sg:2048/p/54739/#!/ppt/c?id=D871-00-02-00-00&hq=military)

[Ann Finkbeiner. \(2016\). Military technology: Death by remote control. *Nature*, 534\(7609\), 618.](#)

[Dodgson, L. \(2015, August 5\). 3D-Printed Spy Drones Could Be Built at Sea. Retrieved November 24, 2016, from http://www.livescience.com/51750-3d-printed-spy-drones.html](http://www.livescience.com/51750-3d-printed-spy-drones.html)

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IMAGING

Technology used to view the surrounds to determine enemy location when engaging in combat in poor visibility conditions

[Electro-Optical/Infrared Systems - Technology Trends Impacting Military and Aerospace Sectors \(TechVision\). \(2015, September 29\). Retrieved November 22, 2016, from http://cds.frost.com.library.sutd.edu.sg:2048/p/54739/#!/ppt/c?id=D6A9-01-00-00&hq=military](http://cds.frost.com.library.sutd.edu.sg:2048/p/54739/#!/ppt/c?id=D6A9-01-00-00&hq=military)

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LAND

Technologies utilized for land combat and operations

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NAVAL

Technology for operations and combat in bodies of water

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SURVEILLANCE

Keeping track of the changes in an environment to give notice of any activity that might be suspicious

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[Kindervater, & Katharine Hall. \(2016\). The emergence of lethal surveillance: Watching and killing in the history of drone technology. *Security Dialogue*, 47\(3\), 223-238.](#)

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TRAINING

The use of technology to enhance training to help simulate various environments and missions

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WEAPONS

Latest technology and developments for attacking and defending

[Andy Extance. \(2015\). Military technology: Laser weapons get real. *Nature*, 521\(7553\), 408.](#)

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