

Black Tops

A compendium of recently published EW & CEMA articles

By Tom Zalewski

The following is a list of articles related to EW & CEMA that were recently published in a variety of publications or websites. These are offered in the general interest of the members of the APG Susquehanna Chapter of the AOC.

1. ***AWSAAS -The most interesting tech IPO of the year*** dtd 03 June 2016; By Zachary M. Seward; published on Quartz on-line <http://qz.com/695430/the-most-interesting-tech-ipo-of-the-year/>
2. ***Nextgov Ebook: Federal Agencies Adapt to the Internet of Things*** dtd: 07 June 2016; By Mohana Ravindranath; published on Nextgov on-line [http://www.nextgov.com/emerging-tech/2016/06/nextgov-ebook-federal-agencies-adapt-internet-things/128870/?oref=nextgov today nl](http://www.nextgov.com/emerging-tech/2016/06/nextgov-ebook-federal-agencies-adapt-internet-things/128870/?oref=nextgov%20today%20nl)
3. ***Army Acquisition Is Running Out Of Time More Than Money*** dtd: 7June 2016; By: Daniel Gouré, Ph.D; published on Lexington Institute on-line <http://lexingtoninstitute.org/army-acquisition-running-time-money/>
4. ***A Computer Tried (and Failed) to Write This Article*** dtd: 08 June 2016; By Adrienne LaFrance; published on Nextgov on-line [http://www.nextgov.com/emerging-tech/2016/06/computer-tried-and-failed-write-article/128914/?oref=nextgov today nl](http://www.nextgov.com/emerging-tech/2016/06/computer-tried-and-failed-write-article/128914/?oref=nextgov%20today%20nl)
5. ***From Strategy to Execution: Accelerating the Third Offset*** dtd: 9June 2016; By: [Joshua Pavluk](#) and [August Cole](#); published on WAR on the ROCKS on-line <http://warontherocks.com/2016/06/from-strategy-to-execution-accelerating-the-third-offset/>
6. ***Carter Proposes Letting Campus Recruiters Hire Cyber Students on the Spot*** dtd 9 June 2016: By Aliya Sternstein; published on Nextgov on-line [http://www.nextgov.com/defense/2016/06/carter-proposes-letting-campus-recruiters-hire-cyber-students-spot/128975/?oref=govexec today nl](http://www.nextgov.com/defense/2016/06/carter-proposes-letting-campus-recruiters-hire-cyber-students-spot/128975/?oref=govexec%20today%20nl)
7. ***Agencies to Industry: Let's Chat*** dtd: 9 June 2016; By Frank Konkel; published on Nextgov on-line [http://www.nextgov.com/cio-briefing/2016/06/agencies-industry-lets-chat/128967/?oref=nextgov today nl](http://www.nextgov.com/cio-briefing/2016/06/agencies-industry-lets-chat/128967/?oref=nextgov%20today%20nl)
8. ***IEW maintainers are force behind MI community's success*** dtd 9 June 2016: By Sgt. Dominique M. Clarke; published on TRADOC News Center on-line <http://tradocnews.org/iew-maintainers-are-force-behind-mi-communitys-success/>
9. ***U.S. Cyber Command struggles to retain top cyber security talent*** dtd: 10 June 2016; By: John Keller; published on Military & Aerospace Electronics on-line <http://www.militaryaerospace.com/articles/pt/2016/06/u-s-cyber-command-struggles-to-retain-top-cyber-security-talent.html>
10. ***US military training for wars big and small*** dtd: 13 June 2016; By: Un-named; published on THE STRAITS TIMES on-line <http://www.straitstimes.com/world/us-military-training-for-wars-big-and-small>
11. ***Airborne Segment Will Remain the Largest Market for the Global Electronic Warfare Market until 2020, Says Technavio*** dtd: 13 June 2016; By: Geeks News Desk; published on FORWARD GEEK on-line <http://www.forwardgeek.com/article/Airborne-Segment-Will-Remain-the-Largest-Market-for-the-Global-Electronic-Warfare-Market-until-2020-Says-Technavio-20160613-page2>
12. ***Is The Third Offset Just A Cover For Shrinking The Military?*** dtd: 13 June 2016; By Daniel Gouré, Ph.D.; published on Lexington Institute on-line <http://lexingtoninstitute.org/third-offset-just-cover-shrinking-military/>
13. ***This Is No Way to Fix Defense Acquisition*** dtd: 14 June 2016; By: Stan Soloway; published on Nextgov on-line [http://www.govexec.com/excellence/management-matters/2016/06/no-way-fix-defense-acquisition/129016/?oref=govexec today nl](http://www.govexec.com/excellence/management-matters/2016/06/no-way-fix-defense-acquisition/129016/?oref=govexec%20today%20nl)
14. ***Short History of US Army Electronic Warfare*** dtd: Q1 2016; By: COL (Ret) Laurie Moe Buckhout; published on DRS Webpage on-line [http://drs.com/sitrep/q1-2016-the-invisible-fight/short-history-of-us-army-electronic-warfare/?utm_source=defensenews&utm_medium=email&utm_content=shorthistory&utm_campaign=SITREPe mail1](http://drs.com/sitrep/q1-2016-the-invisible-fight/short-history-of-us-army-electronic-warfare/?utm_source=defensenews&utm_medium=email&utm_content=shorthistory&utm_campaign=SITREPe%20mail1)

15. **Farenthold: Cyber Will Be Next Administration's Greatest Challenge** dtd: 14 June 2016; By: Mohana Ravindranath; published on Nextgov on-line http://www.nextgov.com/cybersecurity/2016/06/farenthold-cyber-will-be-next-administrations-greatest-challenge/129073/?oref=nextgov_cybersecurity
16. **West Point Cadets Are Shooting Down Drones With Cyber Rifles** dtd: 15 June 2016; By: Kelsey D. Atherton; published on Popular Science on-line <http://www.popsci.com/west-point-cadets-shoot-drones-cyber-rifle>
17. **Five Things You Need to Know About the Security Clearance Process** dtd: 15 June 2016; By: Lindy Kyzer; published on Government Executive on-line http://www.govexec.com/excellence/promising-practices/2016/06/five-things-you-need-know-about-security-clearance-process/129075/?oref=govexec_today_pm_nl
18. **Traditional Military Activities in Cyberspace: The Scope of Conventional Military Authorities in the Unconventional Battlespace** dtd: 20 June 2016; By Peter C. Combe II; published on Harvard National Security Journal (NSJ) on-line <http://harvardnsj.org/wp-content/uploads/2016/06/Combe-FINAL.pdf>
19. **We Took West Point Cadets to (Cyber) War** dtd: 21 June 2016; By: Matt Hutchison, Erick Waage and Brent Chapman ; published on War on the Rocks on-line <http://warontherocks.com/2016/06/we-took-west-point-cadets-to-cyber-war/>
20. **Army Forces Command looking for cyber and EW support** dtd: 23 June 2016; By Mark Pomerleau; published on Defense Systems on-line <https://defensesystems.com/articles/2016/06/23/army-forces-command-cyber-ew-support.aspx?admgarea=DS&m=1>
21. **Should Cyber Warfare Have Its Own Branch?** dtd 28 June 2016; By: Carl Forsling published on Task & Purpose on-line <http://taskandpurpose.com/cyber-warfare-branch/>
22. **GPS jamming is a growing threat to satellite navigation, positioning, and precision timing** dtd: 28 June 2016; By: John Keller; published on Military & Aerospace Electronics on-line http://www.militaryaerospace.com/articles/2016/06/gps-jamming-satellite-navigation.html?cmpid=enl_MAE_UnmannedVehicles_2016-07-19&eid=324695674&bid=1468340
23. **Defense official: Pentagon budget caps will return to confront next president** dtd: 1 July 2016; By: Tony Capaccio; published on Stars and Stripes on-line <http://www.stripes.com/news/us/defense-official-pentagon-budget-caps-will-return-to-confront-next-president-1.417132>
24. **Army's new rapid capabilities office studies boost in electronic warfare (EW) technologies** dtd: 1 July 2016; By: John Keller; published on Military & Aerospace Electronics on-line <http://www.militaryaerospace.com/articles/pt/2016/06/army-s-new-rapid-capabilities-office-studies-boost-in-electronic-warfare-ew-technologies.html>
25. **Are We Ready for the Unseen Fight?** dtd: 6 July 2016; By: By Staff Sgt. Samuel Northrup; published on US Army.mil on-line https://www.army.mil/article/171050/are_we_ready_for_the_unseen_fight
26. **Preparing for Nanokrieg: Electronic Wars Being Won and Lost in Microseconds** dtd: 08 July 2016; By: C James Carlini published on International Policy Digest on-line <http://intpolicydigest.org/2016/07/08/preparing-for-nanokrieg-electronic-wars-being-won-and-lost-in-microseconds/>
27. **Twenty-First Century Information Warfare and the Third Offset Strategy** dtd: 11 July 2016; By: Joel Harding published on To Inform Is to Influence on-line <https://toinformistoinfluence.com/2016/07/11/twenty-first-century-information-warfare-and-the-third-offset-strategy/>
28. **Army researchers picture a new GPS alternative** dtd: 12 July 2016; By: Kevin McCaney; published on Defense Systems on-line <https://defensesystems.com/articles/2016/07/12/cerdec-camera-gps-alternative.aspx>
29. **Report: Army to Merge Electronic Warfare, Cyber Functions** dtd: 13 June 2016; By: Jay Clemens; published on Government Executive on-line <http://www.executivegov.com/2016/07/report-army-to-merge-electronic-warfare-cyber-functions/>
30. **Prepared Statement of GEN (Ret) Keith B. Alexander* on Digital Acts of War: Evolving the Cybersecurity Conversation before the Subcommittees on Information Technology and National Security of the Committee on Oversight and Government Reform** dtd: 13 July 2016; By: GEN (Ret) Keith B. Alexander; published on Oversight and Government Reform on-line <https://oversight.house.gov/wp-content/uploads/2016/07/Gen-Alexander-Statement-Digital-Acts-of-War-7-13.pdf>

31. ***Terahertz amplifiers could open new frontiers in RF communications*** dtd: 14 July 2016; By: Kevin McCaney; published on Defense Systems on-line <https://defensesystems.com/articles/2016/07/14/darpa-northrop-thz-radio-communications.aspx>
32. ***Cyber Quest promotes cyber, electronic warfare development*** dtd: 14 July 2016; By: U.S. Army Cyber Center of Excellence; published on Army.mil on-line https://www.army.mil/article/171542/cyber_quest_promotes_cyber_electronic_warfare_development
33. ***U.S. Army officials designate ARCYBER as an Army Service Component Command*** dtd 14 July 2016; By: Mariana Iriarte; published on Military Embedded Systems on-line <http://mil-embedded.com/news/u-s-army-officials-designates-u-s-cyber-command-as-an-army-service-component-command/>
34. ***Cyber Challenge targets Internet of Things security*** dtd: 15 July 2016; By: George Leopold; published on Defense Systems on-line <https://defensesystems.com/articles/2016/07/15/darpa-cyber-grand-challenge.aspx>
35. ***US Army Moves To Improve Electronic-Warfare Tactics*** dtd: 15 July 2016; By: Jen Judson; published on Defense News on-line <http://www.defensenews.com/story/defense/land/army/2016/07/15/army-electronic-warfare-training-cyber/87124416/>
36. ***USSOCOM Seeks C-RCIED CREW Systems*** dtd: 15 July 2016; By: Roger A. Stevens; published on Special Operations International on-line <http://www.specops-dhp.com/defense-news/ussocom-seeks-c-rcied-crew-systems/>
37. ***A kilobyte rewritable atomic memory*** dtd: 18 July 2016; By: F. E. Kalff, M. P. Rebergen, E. Fahrenfort, J. Girovsky, R. Toskovic, J. L. Lado, J. Fernández-Rossier & A. F. Otte; published on Nature Nanotechnology on-line <http://www.nature.com/nnano/journal/vaop/ncurrent/full/nnano.2016.131.html>
38. ***Cyber to team with signal, electronic warfare, military intelligence*** dtd: 18 July 2016; By: David Vergun; published on Army.mil on-line https://www.army.mil/article/171692/cyber_to_team_with_signal_electronic_warfare_military_intelligence
39. ***Demand for RF technology for electronic warfare & radar systems increases*** dtd: 18 July 2016; By: John McHale; published on Military Embedded Systems on-line <http://mil-embedded.com/articles/demand-for-rf-technology-for-electronic-warfare-radar-systems-increases/>
40. ***U.S. Cyber Command readies for first troop deployment*** dtd: 19 July 2016; By: John Keller; published on Military & Aerospace Electronics on-line <http://www.militaryaerospace.com/articles/pt/2016/07/u-s-cyber-command-readies-for-first-troop-deployment.html>
41. ***OUR INCREDIBLE SHRINKING MILITARY*** dtd: 21 July 2016; By: Mackenzie Eaglen; published on The American Legion on-line <http://www.legion.org/magazine/233414/our-incredible-shrinking-military>
42. ***Measuring radar PRI stagger during walkoff*** dtd: 25 July 2016; By: Mike Hertz of Teledyne LeCroy and Steve Shafer of DRS Technologies; published on Intelligent Aerospace on-line <http://www.intelligent-aerospace.com/articles/2016/07/measuring-radar-pri-stagger-during-walkoff.html>
43. ***Chinese Drills Prepare for “Sudden, Cruel and Short” Electronic Warfare in Disputed Waters*** dtd: 3 August 2016; By: Mac Slavo; published on Activist Post on-line <http://www.activistpost.com/2016/08/chinese-drills-prepare-sudden-cruel-short-electronic-warfare-disputed-waters.html>
44. ***U.S. Army Materiel Command Seeks Greater Role in Cyber*** dtd: 4 August 2016; By: George I. Seffers; published on AFCEA SIGNAL on-line <http://www.afcea.org/content/?q=Article-us-army-materiel-command-seeks-greater-role-cyber>
45. ***Q&A: An Unthinkable War Between the U.S. and China*** dtd: 4 August 2016; By: David C. Gompert; published on Rand Corporation on-line <http://www.rand.org/blog/2016/08/qa-an-unthinkable-war-between-the-us-and-china.html>
46. ***Obama prepares to boost U.S. military's cyber role: sources*** dtd: 7 August 2016; By: Warren Strobel; published on Reuters on-line <http://www.reuters.com/article/us-usa-cyber-idUSKCN10G254>
47. ***Measuring radar PRI stagger during walkoff*** dtd: 25 July 2016; By: Mike Hertz of Teledyne LeCroy and Steve Shafer of DRS Technologies; published on Intelligent Aerospace on-line <http://www.intelligent-aerospace.com/articles/2016/07/measuring-radar-pri-stagger-during-walkoff.html>