

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. **Association of Old Crows Online Resource Guide** dtd: N/A; by: N/A; published on: [EWSIGINT.NET](http://www.ewsigint.net/) on-line <http://www.ewsigint.net/>
2. **Downloadable Report: The Army Modernization Imperative** dtd: May 2017; by: Rhys McCormick and Andrew Hunter; published on: [Nextgov](https://csis-prod.s3.amazonaws.com/s3fs-public/publication/170530_Hunter_ArmyModernization_Web.pdf?230oluRM4PwJBi4XRuDpVRMndOnunc) on-line https://csis-prod.s3.amazonaws.com/s3fs-public/publication/170530_Hunter_ArmyModernization_Web.pdf?230oluRM4PwJBi4XRuDpVRMndOnunc.
3. **FY 2016 ANNUAL REPORT TO CONGRESS: E- GOVERNMENT ACT IMPLEMENTATION** dtd: August 2017; by: OMB; published on: [WhiteHouse.gov](https://www.whitehouse.gov/sites/whitehouse.gov/files/omb/egov/documents/omb-fy-2016-egov-act-report.pdf) on-line <https://www.whitehouse.gov/sites/whitehouse.gov/files/omb/egov/documents/omb-fy-2016-egov-act-report.pdf>
4. **EXECUTIVE BRIEFING Test and measurement for military communications systems** dtd: 2 August 2017; by: N/A; published on: [Military & Aerospace Electronics](http://www.militaryaerospace.com/content/mae/en/executive-briefings/2017/09/test-and-measurement-for-military-communications-systems.whitepaperpdf.render.pdf) on-line <http://www.militaryaerospace.com/content/mae/en/executive-briefings/2017/09/test-and-measurement-for-military-communications-systems.whitepaperpdf.render.pdf>
5. **How to Power Through a Full Day of Meetings With Your Sanity Intact** dtd: 31 August 2017; by: Patrick Tucker; published on: [Nextgov](http://www.nextgov.com/cio-briefing/wired-workplace/2017/08/how-power-through-full-day-meetings-your-sanity-intact/140634/?oref=nextgov_today_nl) on-line http://www.nextgov.com/cio-briefing/wired-workplace/2017/08/how-power-through-full-day-meetings-your-sanity-intact/140634/?oref=nextgov_today_nl
6. **Retaining the Army's Cyber Expertise** dtd: September 2017; by: Jennie W. Wenger, Caolionn O'Connell, Maria C. Lytell; published on: [RAND Corp](https://www.rand.org/content/dam/rand/pubs/research_reports/RR1900/RR1978/RAND_RR1978.pdf) on-line https://www.rand.org/content/dam/rand/pubs/research_reports/RR1900/RR1978/RAND_RR1978.pdf
7. **Trump sets 2.1 percent pay raise for troops, 1.9 percent for federal workers** dtd: 01 September 2017; by: Leo Shane III; published on: [MilitaryTimes](http://www.militarytimes.com/pay-benefits/2017/09/01/trump-sets-21-percent-pay-raise-for-troops-19-percent-for-federal-workers/) on-line www.militarytimes.com/pay-benefits/2017/09/01/trump-sets-21-percent-pay-raise-for-troops-19-percent-for-federal-workers/
8. **How much does federal government spend on cybersecurity?** dtd: 01 September 2017; by: Adam Stone; published on: [FifthDomain](https://www.fifthdomain.com/civilian/2017/09/01/how-much-does-federal-government-spend-on-cybersecurity/) on-line <https://www.fifthdomain.com/civilian/2017/09/01/how-much-does-federal-government-spend-on-cybersecurity/>
9. **Future Spy Satellites Just Got Exponentially Smaller** dtd: 01 September 2017; by: Patrick Tucker; published on: [DefenseOne](http://www.defenseone.com/technology/2017/09/future-spy-satellites-just-got-exponentially-smaller/140700/) on-line <http://www.defenseone.com/technology/2017/09/future-spy-satellites-just-got-exponentially-smaller/140700/>
10. **Army's multidomain battle brings manned-unmanned teaming to the fore** dtd: 01 September 2017; by: Mark Pomerleau; published on: [C4ISRNET](http://www.c4isrnet.com/unmanned/uas/2017/08/31/armys-multidomain-battle-brings-manned-unmanned-teaming-to-the-fore/) on-line <http://www.c4isrnet.com/unmanned/uas/2017/08/31/armys-multidomain-battle-brings-manned-unmanned-teaming-to-the-fore/>
11. **U.S. Army unprepared to deal with Russia in Europe** dtd: 02 September 2017; by: Wesley Morgan; published on: [Politico.com](http://www.politico.com/story/2017/09/02/army-study-173rd-airborne-brigade-europe-russia-242273) on-line <http://www.politico.com/story/2017/09/02/army-study-173rd-airborne-brigade-europe-russia-242273>
12. **The FY18 Defense Authorization and insider threat [Commentary]** dtd: 02 September 2017; by: Tom Read; published on: [FifthDomain](https://www.fifthdomain.com/opinion/2017/09/01/the-fy18-defense-authorization-and-insider-threat-commentary/) on-line <https://www.fifthdomain.com/opinion/2017/09/01/the-fy18-defense-authorization-and-insider-threat-commentary/>
13. **United Technologies To Acquire Rockwell Collins For \$30 Billion** dtd: 04 September 2017; by: Press Release; published on: [Rockwell Collins Web Page](http://www.rockwellcollins.com/Data/News/2017-Cal-Yr/RC/20170904-United-Technologies-to-Acquire-Rockwell-Collins.aspx) on-line <http://www.rockwellcollins.com/Data/News/2017-Cal-Yr/RC/20170904-United-Technologies-to-Acquire-Rockwell-Collins.aspx>
14. **DHS offering more free cyber career training options for feds** dtd: 04 September 2017; by: Adam Stone; published on: [FifthDomain](https://www.fifthdomain.com/workforce/education-training/2017/09/05/dhs-offering-more-free-cyber-career-training-options-for-feds/) on-line <https://www.fifthdomain.com/workforce/education-training/2017/09/05/dhs-offering-more-free-cyber-career-training-options-for-feds/>
15. **Neuroscientists Have Figured Out Why You Can't Concentrate at Work** dtd: 05 September 2017; by: Eve Edelstein; published on: [Nextgov](http://www.nextgov.com/cio-briefing/wired-workplace/2017/09/neuroscientists-have-figured-out-why-you-cant-concentrate-work/140737/?oref=nextgov_today_nl) on-line http://www.nextgov.com/cio-briefing/wired-workplace/2017/09/neuroscientists-have-figured-out-why-you-cant-concentrate-work/140737/?oref=nextgov_today_nl

16. **DoD backs McCain-Reed proposal to close military bases** dtd: 06 September 2017; by: Joe Gould; published on: DefenseNews on-line <http://www.defensenews.com/congress/2017/09/05/dod-supports-mccain-reed-base-closure-proposal/>
17. **The Army, The Inventor And The Surprising Uses Of A Batman Machine** dtd: 05 September 2017; by: Joe Placa; published on: NPR on-line <http://www.npr.org/2017/09/05/545481011/the-army-the-inventor-and-the-surprising-uses-of-a-batman-machine>
18. **Video: US Coast Guard's unique cyber position** dtd: 06 September 2017; by: Adm. Charles Michel; published on: DefenseNews on-line <http://www.defensenews.com/video/2017/09/06/us-coast-guards-unique-cyber-position/>
19. **Boeing, Airbus raise alarms over United Tech, Rockwell deal** dtd: 06 September 2017; by: The Associated Press; published on: DefenseNews on-line <http://www.c4isrnet.com/industry/2017/09/06/boeing-airbus-raise-alarms-over-united-tech-rockwell-deal/>
20. **Boeing, Airbus raise alarms over United Tech, Rockwell deal** dtd: 06 September 2017; by: The Associated Press; published on: C4ISRNet on-line <http://www.c4isrnet.com/industry/2017/09/06/boeing-airbus-raise-alarms-over-united-tech-rockwell-deal/>
21. **2IBCT prepares for the future of electronic warfare** dtd: 07 September 2017; by: 1st Lt. Jordan Linder; published on: Hawai'i ARMY Weekly on-line <http://www.hawaiiarmyweekly.com/2017/09/07/2ibct-prepares-for-the-future-of-electronic-warfare/>
22. **Cyber Command moves toward standardized cyber kits** dtd: 07 September 2017; by: Mark Pomerleau; published on: Fifth Domain on-line <https://www.fifthdomain.com/dod/2017/09/07/cyber-command-moves-toward-standardized-cyber-kits/>
23. **Moving Beyond the Why: How to Implement the NIST Cybersecurity Framework** dtd: 07 September 2017; by: Richard P. Tracy; published on: Nextgov on-line http://www.nextgov.com/technology-news/tech-insider/2017/09/moving-beyond-why-how-implement-nist-cybersecurity-framework/140828/?oref=nextgov_today_nl
24. **Video: Top defense innovators offer glimpse of the future** dtd: 07 September 2017; by: Multiple; published on: Defense News on-line <https://www.defensenews.com/video/2017/09/07/top-defense-innovators-offer-glimpse-of-the-future/>
25. **Army kicks off 16th year of eCYBERMISSION competition** dtd: 07 September 2017; by: N/A; published on: FifthDomain on-line <http://www.fifthdomain.com/dod/army/2017/09/07/armys-ecybermission-kicks-off-16th-year-of-competition/>
26. **No Easy Fix for Cyber Workforce Shortage** dtd: 07 September 2017; by: Joseph Marks; published on: Nextgov on-line http://www.nextgov.com/cybersecurity/2017/09/no-easy-fix-cyber-workforce-shortage/140834/?oref=nextgov_today_nl
27. **ViaSat wins wearable network cyber contract** dtd: 08 September 2017; by: Michael Peck; published on: C4ISRNet on-line <http://www.c4isrnet.com/it-networks/2017/09/08/viasat-wins-wearable-network-cyber-contract/>
28. **The military turns to machines to fight machines [Commentary]** dtd: 08 September 2017; by: Nicola Whiting; published on: DefenseNews on-line <http://www.defensenews.com/opinion/2017/09/08/the-military-turns-to-machines-to-fight-machines/>
29. **Recruiting a generation with no memory of Sept. 11** dtd: 11 September 2017; by: Tara Copp; published on: ArmyTimes on-line <https://www.armytimes.com/news/2017/09/11/recruiting-a-generation-with-no-memory-of-september-11th/>
30. **China building world's biggest quantum research facility** dtd: 11 September 2017; by: Stephen Chen; published on: South China Morning Post on-line <http://www.scmp.com/news/china/society/article/2110563/china-building-worlds-biggest-quantum-research-facility>
31. **DARPA Wants to MacGyver the Internet Using Only What's in Troops' Pockets** dtd: 11 September 2017; by: Frank Konkel; published on: Nextgov on-line http://www.nextgov.com/emerging-tech/2017/09/darpa-wants-macgyver-internet-using-only-whats-troops-pockets/140890/?oref=nextgov_today_nl
32. **The new space race** dtd: 13 September 2017; by: Tim Bowler; published on: BBC on-line http://www.bbc.co.uk/news/resources/idt-sh/disruptors_the_new_space_race
33. **Trump Administration Orders Russian Anti-virus Off All Government Systems** dtd: 13 September 2017; by: Joseph Marks and Patrick Tucker; published on: Nextgov on-line http://www.nextgov.com/cybersecurity/2017/09/trump-administration-orders-russian-anti-virus-all-government-systems/140971/?oref=nextgov_breaking_alert_nl
34. **Sen. Reed wants Congress to authorize military base closings** dtd: 13 September 2017; by: Jennifer Mcdermott; published on: ArmyTimes on-line <http://www.armytimes.com/news/pentagon-congress/2017/09/13/sen-reed-wants-congress-to-authorize-military-base-closings/>
35. **Amazon Web Services Can Now Host the Defense Department's Most Sensitive Data** dtd: 13 September 2017; by: Frank Konkel; published on: DefenseTimes on-line http://www.nextgov.com/cloud-computing/2017/09/amazon-web-services-can-now-host-defense-departments-most-sensitive-data/140973/?oref=nextgov_today_nl

36. **NSA Quietly Awards a Classified \$2.4B Tech Contract, With More to Come** dtd: 14 September 2017; by: Frank Konkel; published on: DefenseTimes on-line <http://www.defenseone.com/business/2017/09/nsa-quietly-awarded-classified-24-billion-tech-contract-more-come/140952/>
37. **Government Plans On-the-Spot Hiring Event for Cyber, Tech Positions** dtd: 14 September 2017; by: Joseph Marks; published on: Nextgov on-line http://www.nextgov.com/cybersecurity/2017/09/government-plans-spot-hiring-event-cyber-tech-positions/141021/?oref=nextgov_today_nl
38. **Leonardo to lead demo of MIPS for British Army** dtd: 14 September 2017; by: Andrew Chuter; published on: Defense News on-line <http://www.defensenews.com/digital-show-dailies/dsei/2017/09/14/leonardo-to-lead-demo-of-mips-for-british-army/>
39. **Admiral: US tolerated cyber 'acts of war' over last decade** dtd: 14 September 2017; by: Joel Gehrke; published on: Washington Examiner on-line <http://www.washingtonexaminer.com/admiral-us-tolerated-cyber-acts-of-war-over-last-decade/article/2634407>
40. **For DoD cyber warriors, offense and defense is interchangeable** dtd: 14 September 2017; by: Mark Pomerleau; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/dod/2017/09/14/for-dod-cyber-warriors-offense-and-defense-is-interchangeable/>
41. **Cyber is being normalized with traditional military operations** dtd: 14 September 2017; by: Mark Pomerleau; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/dod/2017/09/14/cyber-is-being-normalized-with-traditional-operations/>
42. **Facebook may be facing an 'era of accountability'** dtd: 19 September 2017; by: Barbara Ortutay; published on: AP News on-line <https://apnews.com/4791b1f5712b43c0aba9debe9c4f514d/Facebook-may-be-facing-an-'era-of-accountability'>
43. **Energy Department's Random Number Generator Could Make for Stronger Encryption** dtd: 19 September 2017; by: Mohana Ravindranath; published on: Nextgov on-line http://www.nextgov.com/emerging-tech/2017/09/energy-departments-random-number-generator-could-make-stronger-encryption/141120/?oref=nextgov_today_nl
44. **What Government Buyers Need to Know About Rugged Devices** dtd: 19 September 2017; by: John Breeden II; published on: Nextgov on-line http://www.nextgov.com/technology-news/tech-insider/2017/09/what-government-buyers-need-know-about-rugged-devices/141107/?oref=nextgov_today_nl
45. **America Is Getting Outclassed by Russian Electronic Warfare** dtd: 19 September 2017; by: Samuel Bendett; published on: The National Interest on-line <http://nationalinterest.org/feature/america-getting-outclassed-by-russian-electronic-warfare-22380>
46. **Army to Prioritize Top Equipment Programs in Service-wide Review** dtd: 20 September 2017; by: C. Todd Lopez; published on: US Pacific Command Webpage on-line <http://www.pacom.mil/Media/News/News-Article-View/Article/1318725/army-to-prioritize-top-equipment-programs-in-service-wide-review/>
47. **Army testing latest technology in electronic warfare** dtd: 20 September 2017; by: N/A; published on: American Security News Reports on-line <http://americansecuritynews.com/stories/511220283-army-testing-latest-technology-in-electronic-warfare>
48. **You're Turning Off Wi-fi and Bluetooth Wrong** dtd: 21 September 2017; by: Caitlin Fairchild; published on: Nextgov on-line http://www.nextgov.com/mobile/2017/09/youre-turning-wi-fi-and-bluetooth-wrong/141191/?oref=nextgov_today_nl
49. **This is the U.S. Army's Handbook for Defeating Russia in a War** dtd: 22 September 2017; by: Michael Peck; published on: The National Interest on-line <http://nationalinterest.org/blog/the-buzz/the-us-armys-handbook-defeating-russia-war-22439>
50. **Electronic camouflage will be the new war paint, says Marine intel official** dtd: 22 September 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/electronic-warfare/2017/09/21/electronic-camouflage-will-be-the-new-war-paint-says-marine-intel-official/>
51. **No Safe Place In Next War: The Army's Expanded Battlefield** dtd: 22 September 2017; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <http://breakingdefense.com/tag/cyber-warfare/>
52. **3 Questions: Artificial Intelligence and the Military** dtd: 25 September 2017; by: Ben Watson; published on: DefenseOne on-line <http://www.defenseone.com/technology/2017/08/3-questions-artificial-intelligence-and-military/140538/?oref=earthbox>
53. **Congress may finally get a cyber deterrence strategy from DoD at end of the month** dtd: 28 September 2017; by: Scott Maucione; published on: Federal News Radio on-line <https://federalnewsradio.com/defense/2017/09/congress-may-finally-get-a-cyber-deterrence-strategy-from-dod-at-end-of-the-month/>

54. **Army to halt \$6 billion WIN-T program amid major network restructuring plan** dtd: 28 September 2017; by: Jared Serbu; published on: Federal News Radio on-line <https://federalnewsradio.com/defense-main/2017/09/army-to-halt-6-billion-win-t-program-amid-major-network-restructuring-plan/>
55. **Army seeks fixes to vulnerable satellite communications** dtd: 28 September 2017; by: Sandra Erwin; published on: SpaceNews on-line <http://spacenews.com/army-seeks-fixes-to-vulnerable-satellite-communications/>
56. **Industrial base war-gaming: Pentagon wants companies to find supply-chain weaknesses** dtd: 28 September 2017; by: Aaron Mehta; published on: DefenseNews on-line <https://www.defensenews.com/smr/equipping-the-warfighter/2017/09/28/industrial-base-wargaming-pentagon-wants-companies-to-find-supply-chain-weaknesses/>
57. **Army National Guard activates its first cyber brigade** dtd: 28 September 2017; by: Charlsy Panzino; published on: MilitaryTimes on-line <http://www.militarytimes.com/news/2017/09/28/army-national-guard-activates-its-first-cyber-brigade/>
58. **Video Update 9-28-17: Pentagon unveils new electronic warfare strategy** dtd: 28 September 2017; by: Kris Osborn; published on: DefenseSystems on-line <http://defensenews-alert.blogspot.com/2017/09/video-update-9-28-17-pentagon-unveils.html>
59. **DARPA Creating More Tactical Multi-Function Drone** dtd: 29 September 2017; by: Kris Osborn; published on: ScoutWarrior on-line <https://scout.com/military/warrior/Article/DARPA-BAE-Systems-Arm-Small-Drones-With-New-Weapons-105894865>
60. **The US Military Is Quietly Building SkyNet** dtd: 29 September 2017; by: Tyler Durden; published on: ZeroHedge on-line <http://www.zerohedge.com/news/2017-09-28/us-militarys-weapon-future-looks-lot-skynet?page=3>