

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. **Downloadable Report: The Digital Privacy Paradox: Small Money, Small Costs, Small Talk** dtd: June 2017; by: Susan Athey, Christian Catalini, Catherine E. Tucker; published on: Stanford Graduate School of Business on-line <https://www.gsb.stanford.edu/faculty-research/working-papers/digital-privacy-paradox-small-money-small-costs-small-talk>
2. **E Most Feds Like NIST's Cybersecurity Framework** dtd: 29 September 2017; by: Mohana Ravindranath; published on: Nextgov on-line http://www.nextgov.com/cybersecurity/2017/09/most-feds-nists-cybersecurity-framework/141400/?oref=nextgov_today_nl
3. **Trump nominated Mark Esper to be Army secretary two months ago. What's taking so long?** dtd: 01 October 2017; by: Travis J. Tritten; published on: Washington Examiner on-line <http://www.washingtonexaminer.com/trump-nominated-mark-esper-to-be-army-secretary-two-months-ago-whats-taking-so-long/article/2636139>
4. **Interview: DoD's Tracy Frost offers a status check on Manufacturing USA** dtd: 01 October 2017; by: Aaron Mehta; published on: DefenseNews on-line <https://www.defensenews.com/smr/equipping-the-warfighter/2017/09/29/qa-tracy-frost-director-of-dod-manufacturing-institutes/>
5. **Here's how the Army wants to integrate cyber, EW into operational formations** dtd: 02 October 2017; by: Mark Pomerleau; published on: Army Times on-line <https://www.armytimes.com/dod/army/2017/10/02/heres-how-the-army-wants-to-integrate-cyber-ew-into-operational-formations/>
6. **Army seeks more cross-service cyber drills, experiments** dtd: 02 October 2017; by: Mark Pomerleau; published on: Army Times on-line <https://www.armytimes.com/dod/army/2017/10/02/army-seeks-more-cross-service-cyber-drills-experiments/>
7. **Senate Foreign Relations chairman: US troops likely in Afghanistan for another decade** dtd: 02 October 2017; by: Leo Shane III; published on: MilitaryTimes on-line <https://www.militarytimes.com/news/pentagon-congress/2017/10/02/senate-foreign-relations-chairman-us-troops-likely-in-afghanistan-for-another-decade/>
8. **What ever happened to the Army's EW capabilities?** dtd: 02 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/electronic-warfare/2017/10/02/what-ever-happened-to-the-armys-ew-capabilities/>
9. **Outmatched, Army begins long road to electronic warfare rollout** dtd: 02 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/electronic-warfare/2017/10/02/outmatched-army-begins-long-road-to-electronic-warfare-rollout/>
10. **Army looks to streamline command post tech** dtd: 02 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/special-reports/tactical-networks/2017/10/02/army-looks-to-streamline-command-post-tech/>
11. **Here's what the Army's tactical network for the future will look like** dtd: 02 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/it-networks/2017/10/02/heres-what-the-armys-tactical-network-for-the-future-will-look-like/>
12. **Cyber Blitz: Army's military hide-and-peek tests cyber, EW tools** dtd: 02 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/electronic-warfare/2017/10/02/cyber-blitz-armys-military-hide-and-peek-tests-cyber-ew-tools/>
13. **Report: Company allowed Russia to review major Pentagon defense software** dtd: 02 October 2017; by: Armin Haracic; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/dod/2017/10/02/report-company-allowed-russia-to-review-major-pentagon-defense-software/>
14. **You have it wrong: Collaboration tools and security are the perfect marriage [Commentary]** dtd: 02 October 2017; by: Will Ash; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/opinion/2017/10/02/you-have-it-wrong-collaboration-tools-and-security-are-the-perfect-marriage-commentary/>
15. **Downloadable eBook - The State of Cyber Awareness** dtd: 03 October 2017; by: N/A; published on: Nextgov on-line <http://www.nextgov.com/assets/state-cyber-awareness-ng/portal/?oref=email>

16. **The State of Cybersecurity Awareness** dtd: 3 October 2017; by: Nextgov Staff; published on: [Nextgov](http://www.nextgov.com/cybersecurity/2017/10/state-cybersecurity-awareness/141461/?oref=ng-skybox) on-line <http://www.nextgov.com/cybersecurity/2017/10/state-cybersecurity-awareness/141461/?oref=ng-skybox>
17. **Russian hackers stole U.S. cyber secrets from NSA: media reports** dtd: 05 October 2017; by: Dustin Volz, Joseph Menn; published on: [Reuters](https://www.reuters.com/article/us-usa-cyber-nsa/russian-hackers-stole-u-s-cyber-secrets-from-nsa-media-reports-idUSKBN1CA2DO) on-line <https://www.reuters.com/article/us-usa-cyber-nsa/russian-hackers-stole-u-s-cyber-secrets-from-nsa-media-reports-idUSKBN1CA2DO>
18. **Half of US companies have been hacked** dtd: 05 October 2017; by: Michael Peck; published on: [FifthDomain](https://www.fifthdomain.com/industry/2017/09/29/half-of-us-companies-have-been-hacked/) on-line <https://www.fifthdomain.com/industry/2017/09/29/half-of-us-companies-have-been-hacked/> **Q&A: DoD CISO, Deputy CIO Essye Miller** dtd: 5 October 2017; by: Amber Corrin; published on: [FIFTHDOMAIN](https://www.fifthdomain.com/dod/2017/10/05/qa-dod-ciso-deputy-cio-essye-miller/) on-line <https://www.fifthdomain.com/dod/2017/10/05/qa-dod-ciso-deputy-cio-essye-miller/>
19. **Why program cancellations may actually be a hint at progress in the military** dtd: 06 October 2017; by: Jill Aitoro; published on: [DefenseNews](https://www.defensenews.com/digital-show-dailies/ausa/2017/10/06/why-program-cancellations-may-actually-be-a-hint-at-progress-in-the-military/) on-line <https://www.defensenews.com/digital-show-dailies/ausa/2017/10/06/why-program-cancellations-may-actually-be-a-hint-at-progress-in-the-military/>
20. **What just happened with Northrop and Marvel Comics?** dtd: 07 October 2017; by: Aaron Mehta; published on: [DefenseNews](https://www.defensenews.com/industry/2017/10/07/what-just-happened-with-northrop-and-marvel-comics-analysis/) on-line <https://www.defensenews.com/industry/2017/10/07/what-just-happened-with-northrop-and-marvel-comics-analysis/>
21. **Here's how the Army's Rapid Capabilities Office is working cyber** dtd: 09 October 2017; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/show-reporter/ausa/2017/10/09/heres-how-the-armys-rapid-capabilities-office-is-working-cyber/) on-line <https://www.c4isrnet.com/show-reporter/ausa/2017/10/09/heres-how-the-armys-rapid-capabilities-office-is-working-cyber/>
22. **Army consolidates network portfolio** dtd: 09 October 2017; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/show-reporter/ausa/2017/10/09/army-consolidates-network-portfolio/) on-line <https://www.c4isrnet.com/show-reporter/ausa/2017/10/09/army-consolidates-network-portfolio/>
23. **How the US Army is Preparing to Fight Hybrid War in 2030** dtd: 09 October 2017; by: Patrick Tucker; published on: [DefenseOne](http://www.defenseone.com/technology/2017/10/how-us-army-preparing-fight-hybrid-war-2030/141634/) on-line <http://www.defenseone.com/technology/2017/10/how-us-army-preparing-fight-hybrid-war-2030/141634/>
24. **A device for every soldier? The Army is considering it** dtd: 10 October 2017; by: Meghann Myers; published on: [C4ISRNet](https://www.c4isrnet.com/news/your-army/2017/10/10/a-device-for-every-soldier-the-army-is-considering-it/) on-line <https://www.c4isrnet.com/news/your-army/2017/10/10/a-device-for-every-soldier-the-army-is-considering-it/>
25. **Eyeing Russia, lawmakers aim to boost Army electronic warfare** dtd: 10 October 2017; by: Joe Gould; published on: [C4ISRNet](https://www.c4isrnet.com/digital-show-dailies/ausa/2017/10/10/eyeing-russia-lawmakers-aim-to-boost-army-electronic-warfare/) on-line <https://www.c4isrnet.com/digital-show-dailies/ausa/2017/10/10/eyeing-russia-lawmakers-aim-to-boost-army-electronic-warfare/>
26. **The new way to fight: US Army unveils Field Manual 3-0** dtd: 10 October 2017; by: Jen Judson and Todd South; published on: [DefenseNews](https://www.defensenews.com/digital-show-dailies/ausa/2017/10/10/the-new-way-to-fight-army-unveils-field-manual-3-0/) on-line <https://www.defensenews.com/digital-show-dailies/ausa/2017/10/10/the-new-way-to-fight-army-unveils-field-manual-3-0/>
27. **4 areas where military cyber forces should focus in cyberspace** dtd: 10 October 2017; by: Mark Pomerleau; published on: [FIFTHDOMAIN](https://www.fifthdomain.com/show-reporter/ausa/2017/10/10/4-areas-in-cyberspace-where-military-cyber-forces-should-focus/) on-line <https://www.fifthdomain.com/show-reporter/ausa/2017/10/10/4-areas-in-cyberspace-where-military-cyber-forces-should-focus/>
28. **A New Social-Media Simulator Is Helping US Troops Train for Hybrid War** dtd: 10 October 2017; by: Marcus Weisgerber; published on: [Nextgov](http://www.nextgov.com/defense/2017/10/new-social-media-simulator-helping-us-troops-train-hybrid-war/141663/?oref=nextgov_today_nl) on-line http://www.nextgov.com/defense/2017/10/new-social-media-simulator-helping-us-troops-train-hybrid-war/141663/?oref=nextgov_today_nl
29. **5 Ways Congress Can Grow the Internet of Things** dtd: 10 October 2017; by: Mohana Ravindranath; published on: [Nextgov](http://www.nextgov.com/emerging-tech/2017/10/5-ways-congress-can-grow-internet-things/141660/?oref=nextgov_today_nl) on-line http://www.nextgov.com/emerging-tech/2017/10/5-ways-congress-can-grow-internet-things/141660/?oref=nextgov_today_nl
30. **5 reasons the Army can't replicate Silicon Valley** dtd: 11 October 2017; by: Todd South; published on: [DefenseNews](https://www.defensenews.com/news/your-army/2017/10/11/5-reasons-the-army-cant-replicate-silicon-valley/) on-line <https://www.defensenews.com/news/your-army/2017/10/11/5-reasons-the-army-cant-replicate-silicon-valley/>
31. **Here's how the Army's electronic warfare program differs from years past** dtd: 11 October 2017; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/show-reporter/ausa/2017/10/11/heres-how-the-armys-electronic-warfare-program-differs-from-years-past/) on-line <https://www.c4isrnet.com/show-reporter/ausa/2017/10/11/heres-how-the-armys-electronic-warfare-program-differs-from-years-past/>
32. **The Army's Rapid Equipping Force is working on EW, counter-drone and more** dtd: 12 October 2017; by: Todd South; published on: [ArmyTimes](https://www.armytimes.com/news/your-army/2017/10/12/the-armys-rapid-equipping-force-is-working-on-ew-counter-drone-and-more/) on-line <https://www.armytimes.com/news/your-army/2017/10/12/the-armys-rapid-equipping-force-is-working-on-ew-counter-drone-and-more/>
33. **Where do cyber and EW fit at the theater level?** dtd: 12 October 2017; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/show-reporter/ausa/2017/10/12/where-do-cyber-and-ew-fit-at-the-theater-level/) on-line <https://www.c4isrnet.com/show-reporter/ausa/2017/10/12/where-do-cyber-and-ew-fit-at-the-theater-level/>

34. **Here's what the Pentagon's persistent cyber training platform might look like** dtd: 12 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/show-reporter/ausa/2017/10/12/heres-what-the-pentagons-persistent-cyber-training-platform-might-look-like/>
35. **A peek inside Army cyber protection teams** dtd: 12 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/show-reporter/ausa/2017/10/12/a-peek-inside-army-cyber-protection-teams/>
36. **Cyber operators to commanders: Bring us in early and often** dtd: 13 October 2017; by: Kathleen Curthoys; published on: ArmyTimes on-line <https://www.armytimes.com/news/your-army/2017/10/13/cyber-operators-to-commanders-bring-us-in-early-and-often/>
37. **Cyber Command awards first contract under its limited acquisition authority** dtd: 13 October 2017; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/dod/cybercom/2017/10/13/cyber-command-awards-first-contract-under-its-limited-acquisition-authority/>
38. **What NIST Suggests Instead of Passwords** dtd: 13 October 2017; by: Caitlin Fairchild; published on: Nextgov on-line http://www.nextgov.com/cybersecurity/2017/10/what-nist-suggests-instead-passwords/141776/?oref=nextgov_cybersecurity_nl
39. **The World Once Laughed at North Korean Cyberpower. No More.** dtd: 15 October 2017; by: David E. Sanger, David D. Kirkpatrick and Nicole Perlroth; published on: The New York Times on-line <https://www.nytimes.com/2017/10/15/world/asia/north-korea-hacking-cyber-sony.html>
40. **The Army is developing navigation tech to help the GPS-denied soldier** dtd: 16 October 2017; by: Adam Stone; published on: C4ISRNet on-line <https://www.c4isrnet.com/intel-geoint/2017/10/16/the-army-is-developing-navigation-tech-to-help-the-gps-denied-soldier/>
41. **Cyber researchers reveal serious Wi-Fi security flaw** dtd: 16 October 2017; by: Eric Geller; published on: Politico on-line <https://www.politico.com/story/2017/10/16/wi-fi-security-flaws-243813>
42. **Researchers discover vulnerability affecting Wi-Fi security** dtd: 16 October 2017; by: Associated Press; published on: The Washington Post on-line https://www.washingtonpost.com/business/technology/researchers-discover-vulnerability-affecting-wi-fi-security/2017/10/16/dc91259c-b29d-11e7-9b93-b97043e57a22_story.html?utm_term=.c05b6d54b96d
43. **Microsoft Cloud Can Now Host Classified Pentagon Data** dtd: 17 October 2017; by: Frank Konkel; published on: Nextgov on-line http://www.nextgov.com/cloud-computing/2017/10/microsoft-cloud-can-now-host-classified-pentagon-data/141844/?oref=nextgov_breaking_alert_nl
44. **Think tank launches new center to study information warfare** dtd: 17 October 2017; by: Brad D. Williams; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/critical-infrastructure/2017/10/17/think-tank-launches-new-center-to-study-information-warfare/>
45. **Two-star: Every soldier must be a cyber defender** dtd: 22 October 2017; by: Adam Stone; published on: ArmyTimes on-line <https://www.armytimes.com/news/your-army/2017/10/22/two-star-every-soldier-must-be-a-cyber-defender/>
46. **Are smartphones the new cyber threat vector?** dtd: 24 October 2017; by: Mark Pomerleau; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/dod/2017/10/24/are-smartphones-the-new-cyber-threat-vector/>
47. **As forces become more connected, are they becoming more vulnerable?** dtd: 25 October 2017; by: Meredith Rutland Bauer; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/dod/2017/10/25/as-forces-become-more-connected-are-they-becoming-more-vulnerable/>
48. **The cyber paradox: Reliance on new tech can quickly become a weakness** dtd: 27 October 2017; by: Mark Pomerleau; published on: FIFTHDOMAIN on-line <https://www.fifthdomain.com/dod/navy/2017/10/27/the-cyber-paradox-reliance-on-new-tech-can-quickly-become-a-weakness/>
49. **A new network approach is changing how the Army does business** dtd: 30 October 2017; by: Mark Pomerleau; published on: DefenseNews on-line <https://www.defensenews.com/it-networks/2017/10/30/a-new-network-approach-is-changing-how-the-army-does-business/>
50. **Army invites companies to sign on to VICTORY C4ISR/EW interoperability drive** dtd: 31 October 2017; by: Lisa Daigle; published on: Military Embedded Systems on-line <http://mil-embedded.com/news/army-invites-companies-to-sign-on-to-victory-c4isrew-interoperability-drive/>
51. **When Working From Home Doesn't Work** dtd: November 2017 Issue; by: Jerry Useem; published on: The Atlantic on-line <https://www.theatlantic.com/magazine/archive/2017/11/when-working-from-home-doesnt-work/540660/>