

Black Tops

A compendium of recently published US Army related 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.

A special thanks to Leonardo DRS for their support of the assembly of these Black Tops!

TOP NEWS!

CEMALite Virtual Summit – a very successful event was conducted on 29 September during which the APG Susquehanna Chapter of AOC was recognized as the 2020 Chapter of Year in Mid-size Chapter category!

The 2020 Individual Awards winners from APG were also recognized:

McMullin Electronic Attack Award - *Noel Lyn Kew*

Jeffrey B. Jones Cyber Operations Award - *Shane Synder*

Electro-Optical/Infra-Red Award - *Kevin O'Hanlon*

Clark G. Fiester Program Management Award - *Jason Dirner*

US Army to get two new ground station prototypes in 2022 dtd: 01 September 2020; by: Nathan Strout; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/space/2020/09/01/army-to-get-two-new-ground-station-prototypes-in-2022/>

US Army's tactical network team looks to satellites for next iteration of tools dtd: 03 September 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/09/03/us-armys-tactical-network-team-looks-to-satellites-for-next-iteration-of-tools/>

Target Gone In 20 Seconds: Army Sensor-Shooter Test dtd: 10 September 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/09/target-gone-in-20-seconds-army-sensor-shooter-test/>

US Army launching new PNT Modernization Office and Open Innovation Lab dtd: 10 September 2020; by: Nathan Strout; published on: DefenseNews on-line <https://www.c4isrnet.com/battlefield-tech/2020/09/10/army-launching-new-pnt-modernization-office-and-open-innovation-lab/>

How and When GSA's New Central Contracting Portal Will Lose the 'Beta' dtd: 11 September 2020; by: Aaron Boyd; published on: Nextgov on-line <https://www.nextgov.com/cio-briefing/2020/09/how-and-when-gsas-new-central-contracting-portal-will-lose-beta/168420/>

'Project Convergence' exercise tests Army's modernization efforts dtd: 11 September 2020; by: Ed Adamczyk; published on: UPI on-line <https://www.upi.com/Defense-News/2020/09/11/Project-Convergence-exercise-tests-Armys-modernization-efforts/6371599839662/>

JAIC Wants AI 'Victory Gardens' Across DoD dtd: 11 September 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/09/jaic-wants-ai-victory-gardens-across-dod/>

Army to award contract for GPS alternative by end of September dtd: 14 September 2020; by: Nathan Strout; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/space/2020/09/14/army-to-award-contract-for-gps-alternative-by-end-of-september/>

Kill Chain In The Sky With Data: Army's Project Convergence dtd: 14 September 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/09/kill-chain-in-the-sky-with-data-armys-project-convergence/>

Hackers Connected to China Have Compromised U.S. Government Systems, CISA says dtd: 14 September 2020; by: Mariam Baksh; published on: Nextgov on-line <https://www.nextgov.com/cybersecurity/2020/09/hackers-connected-china-have-compromised-us-government-systems-cisa-says/168455/>

House Passes Bipartisan Bill to Boost Agencies' Spending Transparency dtd: 15 September 2020; by: Courtney Buble; published on: Government Executive on-line <https://www.govexec.com/management/2020/09/house-passes-bipartisan-bill-boost-agencies-spending-transparency/168487/>

Employers in D.C. Region Expect Some Remote Work Into Mid-2021, Survey Finds dtd: 15 September 2020; by: Bill Lucia e; published on: RouteFifty on-line <https://www.route-fifty.com/management/2020/09/dc-region-remote-work-employees-returning-to-offices/168496/>

US Army wants to upgrade some aging radios dtd: 16 September 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/c2-comms/2020/09/16/us-army-wants-to-upgrade-some-aging-radios/>

A Slew To A Kill: Project Convergence dtd: 16 September 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/09/a-slew-to-a-kill-project-convergence/>

New US Army radios show anti-jam progress at network experiment dtd: 21 September 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/09/21/new-us-army-radios-show-anti-jam-progress-at-network-experiment/>

Army mints new cyber research and development agreement with Estonia dtd: 21 September 2020; by: Mark Pomerleau; published on: C4ISRNet on-line <https://www.c4isrnet.com/cyber/2020/09/21/army-mints-new-cyber-research-and-development-agreement-with-estonia/>

House Passes Stopgap Spending Bill Seeking to Avoid Shutdown Through Dec. 11 dtd: 22 September 2020; by: Courtney Buble; published on: Government Executive on-line <https://www.govexec.com/management/2020/09/house-passes-stopgap-spending-bill-seeking-avoid-shutdown-through-dec-11/168698/>

The military renaissance in high frequency communications dtd: 22 September 2020; by: Andrew White; published on: C4ISRNet on-line <https://www.c4isrnet.com/battlefield-tech/it-networks/2020/09/22/the-military-renaissance-in-high-frequency-communications/>

Army Seeks Help from Industry to Modernize Tactical Network dtd: 23 September 2020; by: Karen Danfelt; published on: APGNews on-line <https://apgnews.com/inside-the-innovation/c5isr/army-seeks-help-from-industry-to-modernize-tactical-network/>

Army Engineers Examine Cyber Defense Technologies dtd: 23 September 2020; by: N/A; published on: APGNews on-line <https://apgnews.com/inside-the-innovation/c5isr/army-engineers-examine-cyber-defense-technologies/>

Installation Guide 2021 dtd: 28 September 2020; by: N/A; published on: MilitaryTimes on-line <http://installationguide.militarytimes.com/>

COVID-19 related

Pentagon makes the most use of emergency contractor paid leave dtd: 04 September 2020; by: Jessie Bur;
published on: FederalTimes on-line <https://www.federaltimes.com/management/pay-benefits/2020/09/04/pentagon-makes-the-most-use-of-emergency-contractor-paid-leave/>

Full Impact of COVID-19 on Industrial Base Not Yet Known dtd: 09 September 2020; by: C. Todd Lopez; published on: Defense.gov on-line <https://www.defense.gov/Explore/News/Article/Article/2341714/full-impact-of-covid-19-on-industrial-base-not-yet-known/source/GovDelivery/>

Industry could wait months for COVID reimbursements from Pentagon dtd: 09 September 2020; by: Aaron Mehta;
published on: DefenseNews on-line <https://www.defensenews.com/smr/defense-news-conference/2020/09/09/industry-could-wait-months-for-covid-reimbursements-from-pentagon/>

Commentary: Can Workers' Compensation Help Businesses Reopen More Safely? dtd: 09 September 2020; by: Michael Dworsky and Bethany Saunders-Medina; published on: RAND on-line <https://www.rand.org/blog/2020/09/can-workers-compensation-help-businesses-reopen-more.html>

Pentagon AI tool for battling coronavirus hold lessons for war dtd: 14 September 2020; by: Andrew Eversden;
published on: C4ISRNet on-line <https://www.c4isrnet.com/artificial-intelligence/2020/09/14/pentagon-ai-tool-for-battling-coronavirus-hold-lessons-for-war/>

Trump Administration Releases COVID-19 Vaccine Distribution Strategy dtd: 16 September 2020; by: N/A; published on: Defense.gov on-line <https://www.defense.gov/Newsroom/Releases/Release/Article/2349357/trump-administration-releases-covid-19-vaccine-distribution-strategy/source/GovDelivery/>

'We're not going back,' Air Force leadership says telework is here to stay dtd: 16 September 2020; by: Scott Maucione; published on: Federal News Network on-line <https://federalnewsnetwork.com/air-force/2020/09/were-not-going-back-air-force-leadership-says-telework-is-here-to-stay/>

How the Military Is Supporting the Historic Race for a COVID Vaccine dtd: 17 September 2020; by: Patricia Kime;
published on: Military.com on-line <https://www.military.com/daily-news/2020/09/17/how-military-supporting-historic-race-covid-vaccine.html>

Pentagon acquisition boss talks industry, mergers and coronavirus dtd: 21 September 2020; by: Aaron Mehta;
published on: DefenseNews on-line <https://www.defensenews.com/interviews/2020/09/21/pentagon-acquisition-boss-talks-industry-mergers-and-coronavirus/>

Contractors Seek Clearer, Uniform Guidance for Returning to Offices dtd: 22 September 2020; by: Courtney Buble;
published on: Government Executive on-line <https://www.govexec.com/management/2020/09/contractors-seek-clearer-uniform-guidance-returning-offices/168668/>

COVID-19 Response Sparks Efforts to Strengthen Supply Chain dtd: 29 September 2020; by: C. Todd Lopez;
published on: Defense.gov on-line <https://www.defense.gov/Explore/News/Article/Article/2365573/covid-19-response-sparks-efforts-to-strengthen-supply-chain/source/GovDelivery/>

New COVID bill dampens hopes for defense industry aid dtd: 29 September 2020; by: Joe Gould; published on: DefenseNews on-line <https://www.defensenews.com/congress/2020/09/29/new-covid-bill-dampens-hopes-for-defense-industry-aid/>

EW & CEMA Articles

1. **The Coming Revolution in Intelligence Affairs** dtd: 01 September 2020; by: Anthony Vinci; published on: [RealClear Defense](https://www.realcleardefense.com/2020/09/01/the_coming_revolution_in_intelligence_affairs_575918.html) on-line https://www.realcleardefense.com/2020/09/01/the_coming_revolution_in_intelligence_affairs_575918.html
2. **Navy surveillance plane crashes in Virginia, crew bails out 'OK'** dtd: 01 September 2020; by: Lucas Tomlinson and Danielle Wallace published on: [FoxNews](https://www.foxnews.com/us/navy-surveillance-plane-crashes-in-virginia-crew-bails-out-ok) on-line <https://www.foxnews.com/us/navy-surveillance-plane-crashes-in-virginia-crew-bails-out-ok>
3. **What war with China could look like** dtd: 01 September 2020; by: Todd South; published on: [MilitaryTimes](https://www.militarytimes.com/news/your-army/2020/09/01/what-war-with-china-could-look-like/) on-line <https://www.militarytimes.com/news/your-army/2020/09/01/what-war-with-china-could-look-like/>
4. **China Is Ahead in Ship, Missile & Air Defense Tech: DoD Report** dtd: 01 September 2020; by: Paul McLeary; published on: [BreakingDefense](https://breakingdefense.com/2020/09/china-is-ahead-in-ship-missile-air-defense-tech-dod-report/) on-line <https://breakingdefense.com/2020/09/china-is-ahead-in-ship-missile-air-defense-tech-dod-report/>
5. **China moves toward new 'intelligentized' approach to warfare, says Pentagon** dtd: 01 September 2020; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/battlefield-tech/2020/09/01/china-moves-toward-new-intelligentized-approach-to-warfare-says-pentagon/) on-line <https://www.c4isrnet.com/battlefield-tech/2020/09/01/china-moves-toward-new-intelligentized-approach-to-warfare-says-pentagon/>
6. **Pentagon's central AI office wants to standardize its acquisition process** dtd: 01 September 2020; by: Andrew Eversden; published on: [C4ISRNet](https://www.c4isrnet.com/artificial-intelligence/2020/09/01/pentagons-central-ai-office-wants-to-standardize-its-acquisition-process/) on-line <https://www.c4isrnet.com/artificial-intelligence/2020/09/01/pentagons-central-ai-office-wants-to-standardize-its-acquisition-process/>
7. **Is government actually the engine of innovation?** dtd: 02 September 2020; by: Rob Hoehn; published on: [Federal News Network](https://federalnewsnetwork.com/commentary/2020/09/is-government-actually-the-engine-of-innovation/) on-line <https://federalnewsnetwork.com/commentary/2020/09/is-government-actually-the-engine-of-innovation/>
8. **Opinion: Claire the Coder: The Rosie the Riveter for the cyber age** dtd: 01 September 2020; by: Frank Cilluffo and Tatyana Bolton; published on: [C4ISRNet](https://www.c4isrnet.com/opinion/2020/09/01/claire-the-coder-the-rosie-the-riveter-for-the-cyber-age/) on-line <https://www.c4isrnet.com/opinion/2020/09/01/claire-the-coder-the-rosie-the-riveter-for-the-cyber-age/>
9. **Standardization of insurance policies could improve defense contractors' cybersecurity** dtd: 02 September 2020; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/cyber/2020/09/02/standardization-of-insurance-policies-could-improve-defense-contractors-cybersecurity/) on-line <https://www.c4isrnet.com/cyber/2020/09/02/standardization-of-insurance-policies-could-improve-defense-contractors-cybersecurity/>
10. **Cyber talent program places its first class of new feds** dtd: 02 September 2020; by: Jessie Bur; published on: [FederalTimes](https://www.federaltimes.com/management/hr/2020/09/02/cyber-talent-program-places-its-first-class-of-new-feds/) on-line <https://www.federaltimes.com/management/hr/2020/09/02/cyber-talent-program-places-its-first-class-of-new-feds/>
11. **'We May Be Losing The Race' For AI With China: Bob Work** dtd: 02 September 2020; by: Sydney J. Freedberg Jr.; published on: [BreakingDefense](https://breakingdefense.com/2020/09/we-may-be-losing-the-race-for-ai-with-china-bob-work/) on-line <https://breakingdefense.com/2020/09/we-may-be-losing-the-race-for-ai-with-china-bob-work/>
12. **USAF Seeks Better Ways to Process Electronic Intelligence** dtd: 02 September 2020; by: Mila Jasper; published on: [DefenseOne](https://www.defenseone.com/technology/2020/09/usaf-seeks-better-ways-process-electronic-intelligence/168180/) on-line <https://www.defenseone.com/technology/2020/09/usaf-seeks-better-ways-process-electronic-intelligence/168180/>
13. **Army Adopts Resilience as Cybersecurity Strategy** dtd: 02 September 2020; by: CCDC Army Research Laboratory; published on: [APGNews](https://apgnews.com/inside-the-innovation/r-d/army-adopts-resilience-as-cybersecurity-strategy/) on-line <https://apgnews.com/inside-the-innovation/r-d/army-adopts-resilience-as-cybersecurity-strategy/>
14. **Army has to adapt to the growing battle of urban warfare** dtd: 03 September 2020; by: Tom Temin; published on: [Federal News Network](https://federalnewsnetwork.com/army/2020/09/army-has-to-adapt-to-the-growing-battle-of-urban-warfare/) on-line <https://federalnewsnetwork.com/army/2020/09/army-has-to-adapt-to-the-growing-battle-of-urban-warfare/>
15. **Army Cyber Command completes its move to Georgia base** dtd: 03 September 2020; by: Russ Bynum; published on: [Associated Press](https://apnews.com/7da5765cb2e33d062cb532b40c9b877c) on-line <https://apnews.com/7da5765cb2e33d062cb532b40c9b877c>
16. **AI's Data Hunger Will Drive Intelligence Collection** dtd: 03 September 2020; by: Sydney J. Freedberg Jr.; published on: [BreakingDefense](https://breakingdefense.com/2020/09/ais-data-hunger-will-drive-intelligence-collection/) on-line <https://breakingdefense.com/2020/09/ais-data-hunger-will-drive-intelligence-collection/>
17. **8 weird DARPA projects that make science fiction seem like real life** dtd: 04 September 2020; by: Todd South; published on: [MilitaryTimes](https://www.militarytimes.com/off-duty/military-culture/2020/09/04/8-weird-darpa-projects-make-science-fiction-seem-like-real-life/) on-line <https://www.militarytimes.com/off-duty/military-culture/2020/09/04/8-weird-darpa-projects-make-science-fiction-seem-like-real-life/>

18. **US Army Cyber Command to take 'more direct role' in offensive, influence operations** dtd: 04 September 2020; by: Andrew Eversden; published on: [C4ISRNet](https://www.c4isrnet.com/cyber/2020/09/04/us-army-cyber-command-to-take-more-direct-role-in-offensive-influence-operations/) on-line <https://www.c4isrnet.com/cyber/2020/09/04/us-army-cyber-command-to-take-more-direct-role-in-offensive-influence-operations/>
19. **Pentagon, Defense Contractors Are Out Of Step On Tech Innovation, GAO Finds** dtd: 06 September 2020; by: Patrick Tucker; published on: [DefenseOne](https://www.nextgov.com/cio-briefing/2020/09/pentagon-defense-contractors-are-out-step-tech-innovation-gao-finds/168249/) on-line <https://www.nextgov.com/cio-briefing/2020/09/pentagon-defense-contractors-are-out-step-tech-innovation-gao-finds/168249/>
20. **New landmine detection reduces false alarms to save time and lives on battlefield** dtd: 06 September 2020; by: Todd South; published on: [MilitaryTimes](https://www.armytimes.com/news/your-army/2020/09/06/new-landmine-detection-reduces-false-alarms-to-save-time-and-lives-on-battlefield/) on-line <https://www.armytimes.com/news/your-army/2020/09/06/new-landmine-detection-reduces-false-alarms-to-save-time-and-lives-on-battlefield/>
21. **Interim rule sets process to exclude, remove risky technology from supply chain** dtd: 07 September 2020; by: Jason Miller; published on: [Federal News Network](https://federalnewsnetwork.com/acquisition-policy/2020/09/interim-rule-sets-process-to-exclude-remove-risky-technology-from-supply-chain/) on-line <https://federalnewsnetwork.com/acquisition-policy/2020/09/interim-rule-sets-process-to-exclude-remove-risky-technology-from-supply-chain/>
22. **The 'brushing' scam that's behind mystery parcels** dtd: 07 September 2020; by: Zoe Kleinman; published on: [BBC News](https://www.bbc.com/news/technology-54055669) on-line <https://www.bbc.com/news/technology-54055669>
23. **DoD takes next step in acquisition reform, renews calls for contractor stimulus** dtd: 09 September 2020; by: David Thornton; published on: [Federal News Network](https://federalnewsnetwork.com/defense-industry/2020/09/dod-takes-next-step-in-acquisition-reform-renews-calls-for-contractor-stimulus/) on-line <https://federalnewsnetwork.com/defense-industry/2020/09/dod-takes-next-step-in-acquisition-reform-renews-calls-for-contractor-stimulus/>
24. **Defense Acquisition System Directive Goes Into Effect** dtd: 09 September 2020; by: David L. Norquist; published on: [Defense.gov](https://www.defense.gov/Newsroom/Releases/Release/Article/2340746/defense-acquisition-system-directive-goes-into-effect/source/GovDelivery/) on-line <https://www.defense.gov/Newsroom/Releases/Release/Article/2340746/defense-acquisition-system-directive-goes-into-effect/source/GovDelivery/>
25. **Study Suggests Soldiers, AI are Trusting One Another** dtd: 09 September 2020; by: CCDC Army Research Laboratory; published on: [APGNews](https://apgnews.com/inside-the-innovation/r-d/study-suggests-soldiers-ai-are-trusting-one-another/) on-line <https://apgnews.com/inside-the-innovation/r-d/study-suggests-soldiers-ai-are-trusting-one-another/>
26. **Army Scientists Take New Spin on Quantum Research** dtd: 09 September 2020; by: CCDC Army Research Laboratory; published on: [APGNews](https://apgnews.com/inside-the-innovation/r-d/army-scientists-take-new-spin-on-quantum-research/) on-line <https://apgnews.com/inside-the-innovation/r-d/army-scientists-take-new-spin-on-quantum-research/>
27. **Policy issues, supply chain throwing wrench in federal year-end spending** dtd: 09 September 2020; by: Tom Temin; published on: [Federal News Network](https://federalnewsnetwork.com/contracting/2020/09/policy-issues-supply-chain-throwing-wrench-in-federal-year-end-spending/) on-line <https://federalnewsnetwork.com/contracting/2020/09/policy-issues-supply-chain-throwing-wrench-in-federal-year-end-spending/>
28. **Eliminating geographic bias could be key in information fight** dtd: 09 September 2020; by: Mark Pomerleau; published on: [C4ISRNet](https://www.c4isrnet.com/information-warfare/2020/09/09/eliminating-geographic-bias-could-be-key-in-information-fight/) on-line <https://www.c4isrnet.com/information-warfare/2020/09/09/eliminating-geographic-bias-could-be-key-in-information-fight/>
29. **New Pentagon Initiative Aims to Help Allies, Contractors Work Together on AI** dtd: 09 September 2020; by: Patrick Tucker; published on: [DefenseOne](https://www.defenseone.com/technology/2020/09/new-pentagon-initiative-aims-help-allies-contractors-work-together-ai/168343/) on-line <https://www.defenseone.com/technology/2020/09/new-pentagon-initiative-aims-help-allies-contractors-work-together-ai/168343/>
30. **How the Pentagon's JAIC Says It's Prioritizing Ethics In Its AI-Driven Pursuits** dtd: 10 September 2020; by: Brandi Vincent; published on: [Nextgov](https://www.nextgov.com/emerging-tech/2020/09/how-pentagons-jaic-says-its-prioritizing-ethics-its-ai-driven-pursuits/168386/) on-line <https://www.nextgov.com/emerging-tech/2020/09/how-pentagons-jaic-says-its-prioritizing-ethics-its-ai-driven-pursuits/168386/>
31. **Delivering AI to Warfighters Is Strategic Imperative** dtd: 10 September 2020; by: David Vergun; published on: [Defense.gov](https://www.defense.gov/Explore/News/Article/Article/2343500/delivering-ai-to-warfighters-is-strategic-imperative/source/GovDelivery/) on-line <https://www.defense.gov/Explore/News/Article/Article/2343500/delivering-ai-to-warfighters-is-strategic-imperative/source/GovDelivery/>
32. **Partnerships, Allies Critical to Defense Department Artificial Intelligence** dtd: 10 September 2020; by: Terri Moon Cronk; published on: [Defense.gov](https://www.defense.gov/Explore/News/Article/Article/2343462/partnerships-allies-critical-to-defense-department-artificial-intelligence/source/GovDelivery/) on-line <https://www.defense.gov/Explore/News/Article/Article/2343462/partnerships-allies-critical-to-defense-department-artificial-intelligence/source/GovDelivery/>
33. **Artificial Intelligence Community Growing, Transitioning** dtd: 10 September 2020; by: Jim Garamone; published on: [Defense.gov](https://www.defense.gov/Explore/News/Article/Article/2343516/artificial-intelligence-community-growing-transitioning/source/GovDelivery/) on-line <https://www.defense.gov/Explore/News/Article/Article/2343516/artificial-intelligence-community-growing-transitioning/source/GovDelivery/>
34. **DoD and governors' association team up to help states show off their strengths for military investment** dtd: 10 September 2020; by: Scott Maucione; published on: [Federal News Network](https://federalnewsnetwork.com/defense-main/2020/09/dod-and-governors-association-team-up-to-help-states-show-off-their-strengths-for-military-investment/) on-line <https://federalnewsnetwork.com/defense-main/2020/09/dod-and-governors-association-team-up-to-help-states-show-off-their-strengths-for-military-investment/>

35. **DEFAERO Report Daily Podcast [Sep 10, 2020] China's Growing Military Power** dtd: 10 September 2020; by: Admin; published on: Defense & Aerospace Report on-line <https://defaeroreport.com/2020/09/10/defaero-report-daily-podcast-sep-10-2020-chinas-growing-military-power/>
36. **China Is Not Ahead Of US On AI: JAIC Chief & Gen. Hyten** dtd: 10 September 2020; by: Sydney J. Freedberg Jr.; published on: BreakingDefense on-line <https://breakingdefense.com/2020/09/china-is-not-ahead-of-us-on-ai-jaic-chief-vcjsc-hyten/>
37. **How does the Pentagon's AI center plan to give the military a battlefield advantage?** dtd: 10 September 2020; by: Andrew Eversden; published on: C4ISRNet on-line <https://www.c4isrnet.com/artificial-intelligence/2020/09/10/how-does-the-pentagons-ai-center-plan-to-give-the-military-a-battlefield-advantage/>
38. **The benefits of note-taking by hand** dtd: 10 September 2020; by: Hetty Roessingh; published on: BBC on-line <https://www.bbc.com/worklife/article/20200910-the-benefits-of-note-taking-by-hand>
39. **Ligado Exemplifies Broken US Spectrum Management: Industry Experts** dtd: 11 September 2020; by: Theresa Hitchens; published on: BreakingDefense on-line <https://breakingdefense.com/2020/09/ligado-exemplifies-broken-us-spectrum-management-industry-experts/>
40. **Spotlight: Artificial Intelligence** dtd: 11 September 2020; by: Dr. Mark T. Esper; published on: Defense.gov on-line <https://www.defense.gov/Explore/Spotlight/Artificial-Intelligence/source/GovDelivery/>
41. **Ex-Google boss Eric Schmidt: US 'dropped the ball' on innovation** dtd: 11 September 2020; by: Karishma Vaswani; published on: BBC News on-line <https://www.bbc.com/news/business-54100001>
42. **DOD Cybersecurity Certification Body Moving Forward Despite Uncertain Funding** dtd: 11 September 2020; by: Mariam Baksh; published on: Nextgov on-line <https://www.nextgov.com/cybersecurity/2020/09/dod-cybersecurity-certification-body-moving-forward-despite-uncertain-funding/168424/>
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63. **Hurd, Kelly Introduce Resolution to Encourage Governmentwide Vision of Artificial Intelligence** dtd: 21 September 2020; by: Mila Jasper; published on: [Nextgov](https://www.nextgov.com/emerging-tech/2020/09/hurd-kelly-introduce-resolution-encourage-governmentwide-vision-artificial-intelligence/168655/) on-line <https://www.nextgov.com/emerging-tech/2020/09/hurd-kelly-introduce-resolution-encourage-governmentwide-vision-artificial-intelligence/168655/>
64. **Army gives green light to shape vehicle electrification requirements** dtd: 21 September 2020; by: Jen Judson; published on: [DefenseNews](https://www.defensenews.com/land/2020/09/21/army-gives-green-light-to-shape-vehicle-electrification-requirements/) on-line <https://www.defensenews.com/land/2020/09/21/army-gives-green-light-to-shape-vehicle-electrification-requirements/>
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67. **The US Military's Latest Wearables Can Detect Illness Two Days Before You Get Sick** dtd: 22 September 2020; by: Patrick Tucker; published on: [DefenseOne](https://www.govexec.com/defense/2020/09/militarys-latest-wearables-can-detect-illness-two-days-you-get-sick/168669/) on-line <https://www.govexec.com/defense/2020/09/militarys-latest-wearables-can-detect-illness-two-days-you-get-sick/168669/>
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89. **Germany moves to toughen Huawei oversight: sources** dtd: 30 September 2020; by: Andreas Rinke and Douglas Busvine; published on: Reuters on-line <https://www.reuters.com/article/us-germany-huawei/germany-moves-to-toughen-huawei-oversight-sources-idUSKBN26L16Q>
90. **Huawei ready to reveal inner workings to show no security threat** dtd: 30 September 2020; by: Reuters Staff; published on: Reuters on-line <https://www.reuters.com/article/us-huawei-italy-5g/huawei-ready-to-reveal-inner-workings-to-show-no-security-threat-idUSKBN26L1WR>
91. **Federal Government to Conclude Fiscal 2020 With Record Spending** dtd: 30 September 2020; by: Frank Konkel; published on: Nextgov on-line <https://www.nextgov.com/cio-briefing/2020/09/federal-government-conclude-fiscal-2020-record-spending/168884/>
92. **Congressional Report Spotlights AI, Emerging Technologies as Future of National Security** dtd: 30 September 2020; by: Mila Jasper; published on: Nextgov on-line <https://www.nextgov.com/emerging-tech/2020/09/congressional-report-spotlights-ai-emerging-technologies-future-national-security/168902/>
93. **Congressional task force doubles down on DoD AI needs | Federal News Network** dtd: 30 September 2020; by: Scott Maucione; published on: Federal News Network on-line <https://federalnewsnetwork.com/defense-main/2020/09/congressional-task-force-doubles-down-on-dod-ai-needs/>
94. **U.S. intel agencies failing to counter threat from China, says House Intelligence Committee report** dtd: 30 September 2020; by: Ken Dilanian; published on: NBCNews on-line <https://www.nbcnews.com/politics/national-security/u-s-intel-agencies-failing-counter-threat-china-says-house-n1241417>
95. **U.S. at Risk of Being Outpaced by China, a New Intel Committee Report Finds** dtd: 30 September 2020; by: Amy Mackinnon; published on: Foreign Policy on-line <https://foreignpolicy.com/2020/09/30/united-states-risk-outpaced-falling-behind-china-new-house-intelligence-committee-report-finds/>
96. **Britain unveils new operating concept for a 'fundamental transformation in the military'** dtd: 30 September 2020; by: Amy Mackinnon; published on: DefenseNews on-line <https://www.defensenews.com/global/europe/2020/09/30/britain-unveils-new-operating-concept-for-a-fundamental-transformation-in-the-military/>

A bit of Humor:

*What signal alerts you that a politician is lying?
Their lips are moving.*



Upcoming Events:

1. Chapter's free training "Lunch and Learns" – now conducted as virtual sessions:

07 October - 1300 - 14:30hrs

Featured Speaker - Jason Ruffing, Rohde & Schwarz

Topic - Multi-Domain Analysis of Electronic Attack and Protection Systems

Description - Electronic Attack and Protection systems make use of the electromagnetic spectrum to either jam or spoof a radar system. When Electronic Warfare assets are deployed, such as Jammers and DRFM's, it is imperative to avoid detection to every extent possible during the operation of jamming and spoofing scenarios.

04 November - 1300 - 14:30hrs

Featured Speaker: Jarod Guertin, Leonardo DRS

Topic - RF industry guidance for maintenance & considerations of fiber optic interfaces

Description - Background information on fiber optic cables and equipment

- Overview of current and future utilization here at DRS-SSI

- Practical aspects to using and maintaining optical cables and transceivers

2. **Cyber Electromagnetic Activity (CEMA) 2021** - May 25 - 27, 2021 | Aberdeen Proving Ground, Maryland | Online Registration will open on March 1, 2021 | More information at: <https://www.crows.org/page/CEMA2021>

3. **Free AOC Virtual Learning during COVID Stay-At-Home Special for Members & Non-Members**

Technical webinars and on-demand learning available free for 3 months for members and non-members:

On demand: https://www.crows.org/page/PDC_OnDemand_Catalog

Upcoming live courses: https://www.crows.org/page/PDC_Schedule

Please share with your co-workers and industry colleagues that may be interested in AOC's professional development resources. For non-members to access: Sign-up using membership online application. Use 3-month free membership code for no payment: <https://www.crows.org/page/joinnow> **CODE: 3MON**

4. **Upcoming 2020 AOC Virtual Series Webinars:** 10/8/2020 -Specific Emitter Identification (SEI); 10/22/2020 - Introduction to Radar Pulse De-interleaving and 11/5/2020 -High Power Radio Frequency/Microwave Directed Energy Weapons (HPM DEWs)

5. **Other events of likely interest:**

4 November – PEO C3T I2S and Network CFT virtual meeting

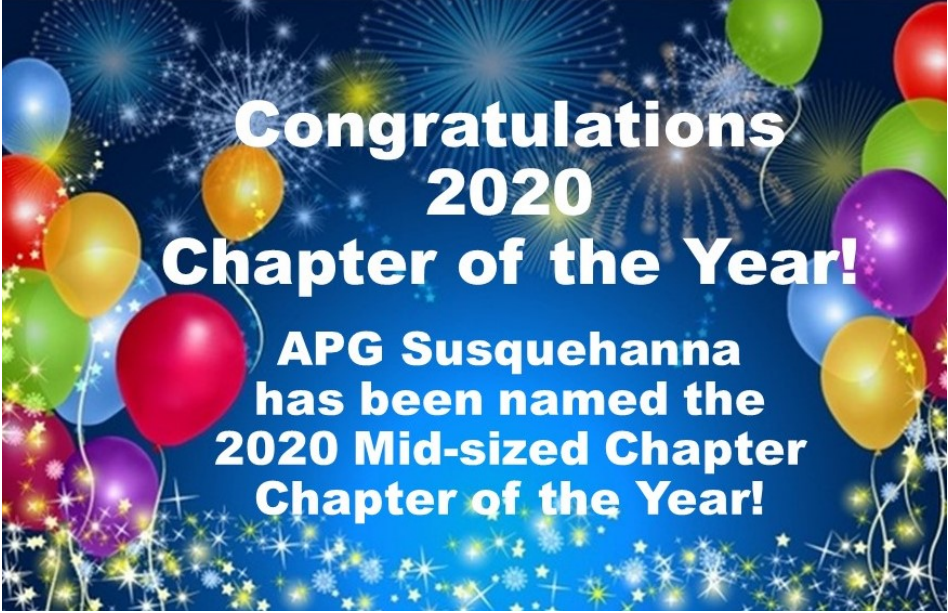
17 November – proposed Open Integration Lab Industry day

18 November – PEO IEW&S – BG Sloane virtual meeting

17-19 November – Ft. Belvoir Industry Days

For all you History Buffs out there:

1. **5 things to know about Japan's World War II surrender** dtd: 01 September 2020; by: Richard Sisk; published on: [Associated Press](https://apnews.com/df631de7c7f51c16abb5dc84ef3b2d37) on-line <https://apnews.com/df631de7c7f51c16abb5dc84ef3b2d37>
2. **Documentary tells story of WWII's Black 'Rosie the Riveters'** dtd: 02 September 2020; by: Tom Temin; published on: [Federal News Network](https://federalnewsnetwork.com/people/2020/09/documentary-tells-story-of-wwiis-black-rosie-the-riveters/) on-line <https://federalnewsnetwork.com/people/2020/09/documentary-tells-story-of-wwiis-black-rosie-the-riveters/>
3. **Emotions run high over new Code Talkers beer can** dtd: 03 September 2020; by: N/A; published on: [Marine Times](https://www.marinecorpstimes.com/news/your-marine-corps/2020/09/03/emotions-run-high-over-new-code-talkers-beer-can/) on-line <https://www.marinecorpstimes.com/news/your-marine-corps/2020/09/03/emotions-run-high-over-new-code-talkers-beer-can/>
4. **Remains of soldier returned by North Korea in 2018 to be buried** dtd: 14 September 2020; by: The Associated Press; published on: [ArmyTimes](https://www.armytimes.com/news/your-army/2020/09/14/remains-of-soldier-returned-by-north-korea-in-2018-to-be-buried/) on-line <https://www.armytimes.com/news/your-army/2020/09/14/remains-of-soldier-returned-by-north-korea-in-2018-to-be-buried/>
5. **This non-profit organization works to recover WWII MIAs still missing** dtd: 18 September 2020; by: Jared Morgan; published on: [MilitaryTimes](https://www.militarytimes.com/news/your-military/2020/09/18/nonprofit-works-to-recover-wwii-mias-still-missing/) on-line <https://www.militarytimes.com/news/your-military/2020/09/18/nonprofit-works-to-recover-wwii-mias-still-missing/>



**Congratulations
2020
Chapter of the Year!**

**APG Susquehanna
has been named the
2020 Mid-sized Chapter
Chapter of the Year!**

THANK YOU

TO OUR CHAPTER SPONSORS!



GOLD



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BECOME AN AOC SUSQUEHANNA SPONSOR

The Aberdeen Proving Ground Susquehanna Chapter of AOC has long been tied to the APG, formerly Fort Monmouth, community. Since BRAC in 2005, and the subsequent move to APG, the AOC is in the process of establishing the Susquehanna chapter along with plans for support to APG and the local community to facilitate networking between government and industry officials in the intelligence, electronic warfare and cyber disciplines and provide much needed support to educational/scholarship and STEM activities.

The Chapter will hold luncheons of interest to its members, support STEM related activities, provide scholarship opportunities to deserving students, and technical competitions to increase awareness of new and innovative technologies in the intelligence, electronic warfare and cyber domain.

To continue the efforts outlined above, we need your support for without your participation we will not be able to continue to provide the networking, scholarships, and community outreach that we provide today.

With this thought in mind, we have created a Sponsorship Program designed to fit most any company or individual, in an effort to provide the funding needed to support the Chapter's overall community outreach program.

Each Level provides the following benefits:

- Up to five seats at Chapter luncheons.
- Announcement of your Sponsorship through our various media platforms.
- Recognition at chapter events throughout the year.
- Special Logo recognition on our Aberdeen Proving Ground Susquehanna Chapter website.
- Your support listed on dozens of Chapter event email which are broadcast to the entire APG AOC membership database each year.

SPONSORSHIP OPTIONS

GOLD - \$1,000, provides 5 seats as outlined above

SILVER - \$500, provides 2 seats as outlined above

BRONZE - \$250, provides 1 seat as outlined above & is for companies with 10 or fewer employees.

To register on-line and pay via PayPal:
<http://aoc-apg.org/sponsorships/>

To register off-line, mail the registration form below with check enclosed.