



ADVANCING SECURITY AND DEFENSE CAPABILITIES AT THE U.S. DOD

HPE supercomputers power DOD's exploration of hypersonics and computational modeling of current and advanced air, naval, and ground weapon systems

- HPE supercomputers for the DOD High Performance Computing Modernization Program (HPCMP) at the Army, Navy and Air Force Research Laboratories help accelerate the development and acquisition of advanced national security capabilities for all of the Department of Defense.
- These HPE supercomputers are designed to solve the world's most complex problems in areas ranging from life, earth, and space sciences, to engineering, manufacturing and national security.

[Read the press release.](#)

Aruba infrastructure modernizes wired and wireless connectivity, across all classification levels at the Pentagon

- Aruba, an HPE company, worked with the DOD to modernize the Pentagon's **6.5 million square-foot infrastructure**
- This upgrade of critical networks is poised to create operational efficiencies, provide automated secure device access for users and reduce IT training & support overhead.
- When completed, the entire wired deployment will include over 150,000 wired ports, and will add an additional 3,000 Aruba access points to the existing 3,500 currently installed to extend WiFi throughout the Pentagon.

[Read the press release.](#)

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WORKING TOWARDS A COMMON VISION

The mission of the U.S. Department of Defense (DOD) is to provide the military forces needed to deter war and ensure our nation's security. This commitment coupled with unique world-class capabilities is what makes the relationship that Hewlett Packard Enterprise (HPE) has with the DOD an indispensable pillar as America strives for information superiority. HPE and Hewlett Packard Labs play a unique role in supporting the DOD, directly and through the Federal System Integrator community.

THE ROLE HPE IS PLAYING IN DOD INNOVATION

- Maximizing AI and analytics at the edge and in the data center via high performance computing (HPC) systems
- Delivering the highest level of security with the world's most secure industry-standard, made-in-USA servers¹ with verifiable cyber assurance and HPE Trusted Supply Chain
- Providing the most robust data center quality SWaP-optimized infrastructure
- Delivering secure IoT solutions, including 5G technologies

“HPE is the only major server manufacturer to produce made-in-USA industry-standard servers. The new servers include advanced security features that are built by vetted HPE employees in highly secure U.S. facilities as part of the HPE Trusted Supply Chain initiative.”

[Read the press release.](#)

HPE AND THE DOD: HELPING TO SOLVE THE WORLD'S MOST COMPLEX PROBLEMS

Together with HPE, the DOD can rapidly deliver and deploy future-ready technologies that help to advance our national security capabilities and innovation, primarily by:

- Leveraging existing IT and expertise to maximize the mission, while delivering secure solutions
- Identifying and fostering emerging technologies to maximize mission accomplishment
- Engaging in collaborations that drive innovation in cybersecurity, machine learning (ML) HPC, AI, powerful edge computing (IoT), secure supply chain, and emerging technologies
- Advancing research through collaborations between the DOD and Hewlett Packard Labs
- Providing robust, made-in-USA, secure servers and supply chain offerings

¹ Based on source from [Infusion Points](#): HPE provides the world's most secure industry-standard servers with its exclusive silicon root of trust.