



# News Release

## Defense Advanced Research Projects Agency

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IMMEDIATE RELEASE

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### **DARPA LEADS GAME-CHANGING CYBER INNOVATION**

#### *Contractors chosen for National Cyber Range program*

The interagency Comprehensive National Cybersecurity Initiative (CNCI) announced last year is beginning full execution with the award of contracts under the Defense Advanced Research Projects Agency (DARPA) National Cyber Range program.

Key to the success of the CNCI is the development of technologies that provide increases in cybersecurity by orders of magnitude above our current systems and that are deployable perhaps five to ten years from now.

The DARPA National Cyber Range program will accelerate government research and development in high-risk, high-return areas and work in close cooperation with private-sector partners to jump-start technical cyber transformation. The National Cyber Range will provide the Nation with revolutionary, real-world simulation environments from which organizations can develop, field, and test new "leap-ahead" concepts and capabilities required to protect U.S. interests against a growing, worldwide cyber threat.

The following companies will participate in the first phase of the National Cyber Range program. Each contractor leads a team of large and small businesses, universities and federal laboratories. National Cyber Range phase I contractors are:

- BAE Systems, Information and Electronic Systems Integration Inc., Wayne, N.J. (\$3,279,634);
- General Dynamics, Advanced Information Systems, San Antonio, Texas (\$1,944,094);
- Johns Hopkins University Applied Physics Laboratory, Laurel Md. (\$7,336,805);
- Lockheed Martin Corp., Simulation, Training and Support, Orlando, Fla. (\$5,369,656);
- Northrop Grumman, Intelligence, Surveillance and Reconnaissance Systems Division, Columbia, Md. (\$344,097);
- Science Applications International Corp., San Diego, Calif. (\$2,821,725);
- SPARTA, Columbia, Md. (\$8,603,617).

"Addressing the vulnerabilities within our cyber infrastructure must become our long-term national security and economic security priority," Melissa Hathaway, director of the Joint Interagency Cyber Task Force, said. "I don't believe that this is a single-year or even a multi-year investment – it's a multi-decade approach."

(more)

“The National Cyber Range program that DARPA is launching is a crucial component of the CNCI,” DARPA Director Dr. Tony Tether explained. “The National Cyber Range program demonstrates the government’s commitment to incubate and create incentives for game-changing technological innovation.”

“Cyber attacks are a common and increasing occurrence,” DARPA Program Manager Dr. Michael VanPutte said. “As a result, it’s essential that the United States maintain a strong technological advantage in cyber security.” Dr. VanPutte said that, ultimately, the National Cyber Range will revolutionize the state of the art in automated range and test management to test and validate leap-ahead cyber research technologies and systems, as well as provide vision for new computer security research directions for the community.

Dr. VanPutte explained, “The National Cyber Range is the perfect job for DARPA because we understand the importance of establishing the fundamentals of science and technology. In the course of history scientists were unable to make significant progress in understanding astronomy and biology until advances were made in telescopes and microscopes. Through careful observation, measurement and analysis, the National Cyber Range will develop realistic, quantifiable assessments of our nation’s cyber research and development technologies.”

During the program’s initial eight-month phase, contractors will develop detailed engineering plans. At the conclusion of the initial phase, DARPA will make decisions regarding future plans, which notionally could include a second phase with a critical design review, and a third phase to develop the full-scale National Cyber Range and start conducting tests.

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*Media with questions on the DARPA National Cyber Range program should contact DARPA public affairs, Jan Walker, (703) 696-2404, or [jan.walker@arpa.mil](mailto:jan.walker@arpa.mil). For information on the Comprehensive National Cybersecurity Initiative or to reach Melissa Hathaway, call (703) 275-3700. Contractors or military organizations with technical questions on the National Cyber Range can contact Dr. Michael VanPutte at [michael.vanputte@arpa.mil](mailto:michael.vanputte@arpa.mil).*