

SEI Bulletin

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Software Engineering Institute Contract Extended by Department of Defense for \$2.7 Billion

July 8, 2020 — The U.S. Department of Defense (DoD) has extended its contract with [Carnegie Mellon University \(CMU\)](#) to operate the [Software Engineering Institute \(SEI\)](#) for an additional term of five years with a value of up to \$2.7 billion. The contract ensures that the institute, a federally funded research and development center (FFRDC), will continue to support national security by advancing and transitioning the science, technologies, and practices needed to make software a strategic advantage for the DoD.

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[SEI News](#)

[2019 SEI Year in Review Highlights Accomplishments in AI, Data Analysis, and More](#)

The SEI's roundup of projects showcases contributions to the National Defense Strategy.

[Anita Carleton Named Director of the SEI's Software Solutions Division](#)

The long-serving leader and researcher is advancing a national agenda for software engineering R&D.

[Organizations Must Reset Expectations to Spring Back from Pandemic](#)

The CERT Division's Matt Butkovic predicts how business operations might change after COVID-19.

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[Latest Blogs](#)

[Addressing Open Architecture in Software Cost Estimation](#)

This post discusses controlling costs over a software system's lifetime by considering open systems architecture in the operation and maintenance costs early in the software-development lifecycle.

[Detecting Mismatches in Machine-Learning Systems](#)

Grace Lewis describes new ways to detect and prevent mismatches in ML-enabled systems.

[Beyond NIST SP 800-171: 20 Additional Practices in CMMC](#)

Andrew Hoover and Katie Stewart take a deeper dive into the 20 CMMC security practices that go beyond NIST SP 800-171.

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[Latest Podcasts](#)

[CMMC Levels 1-3: Going Beyond NIST SP-171](#)

Andrew Hoover and Katie Stewart, CMMC architects, discuss Levels 1-3 of

the model and what steps organizations need to take to move beyond NIST 800-171.

[The Future of Cyber: Cybercrime](#)

David Hickton, founding director of the University of Pittsburgh Institute for Cyber Law, Policy, and Security, sits down with Bobbie Stempfley, director of the SEI's CERT Division, to talk about the future of cybercrime and secure elections.

[Challenges to Implementing DevOps in Highly Regulated Environments](#)

Hasan Yasar and Jose Morales discuss challenges to implementing DevOps in highly regulated environment (HREs), exploring issues such as environment parity, the approval process, and compliance.

[**See more podcasts »**](#)



[**Latest Publications**](#)

[OCTAVE FORTE: Establish a More Adaptable and Robust Risk Program](#)

This fact sheet describes OCTAVE FORTE and how it updates the original OCTAVE program.

[2019 SEI Year in Review](#)

This yearbook highlights the work of the institute undertaken during the fiscal year spanning October 1, 2018, to September 30, 2019. For more on these topics, see the [resources collection](#).

[A Risk Management Perspective for AI Engineering](#)

This paper describes several steps of OCTAVE FORTE in the context of adopting AI technology.

[**See more publications »**](#)



[**Latest Videos**](#)

Webinar - [Organizational Resilience in a Time of Crisis](#)

An organization can demonstrate operational resilience, when faced with

both cyber and physical disruptions, if it focuses on the fundamentals and makes data-driven risk decisions.

Webinar - [Solving Current Cyber Challenges: Academic and Industry Collaboration](#)

The chasm between what academia researches and what industry uses in cyber is wide. By building mutually beneficial collaborations between the two, we can improve algorithms, datasets, and techniques that are applicable to the real world.

Webinar - [A Discussion on DoD Software Advances and What's Next from SEI](#)

SEI Chief Technology Officer Tom Longstaff interviews Jeff Boleng, a senior advisor to the U.S. Department of Defense, on recent DoD software advances and accomplishments.



Upcoming Events

[NatCSIRT 2020](#)

Is your organization responsible for protecting the security of nations, economies, and critical infrastructures? If so, attend NatCSIRT 2020 to discuss these unique challenges with your peers. Discussions will focus on current National CSIRT issues, tools, and methods.

[FloCon 2021](#)

Our theme of Using Data to Defend is more critical than ever, given the security challenges of moving customers and vendors online and supporting a remote workforce.

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual event pages for the latest information.

[See more events »](#)



Upcoming Training

[Insider Threat Program Manager: Implementation and Operation](#)

September 15-17, 2020 (SEI, Live Online)

[Insider Threat Program Evaluator](#)

September 22-24, 2020 (SEI, Live Online)

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual training pages for the latest information. You may also contact us at courseregistration@sei.cmu.edu or +1-412-268-7388.

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