Carnegie Mellon University
Software Engineering Institute



**SEI** Bulletin — August 22, 2018

# The Role of the Software Factory in Acquisition and Sustainment

SEI Director and CEO Paul Nielsen was selected to be part of a task force charged by the U.S. Department of Defense (DoD) Defense Science Board (DSB) to make recommendations on innovative practices for the acquisition of software-reliant systems. The resulting study, released earlier in 2018, is called *Design and Acquisition of Software for Defense Systems*. In the study, the task force made seven recommendations on how to improve software acquisition for defense systems. The recommendations emphasized that a modernized concept of the software factory should be a key player in the acquisition and sustainment of software for defense.

In this new episode of the SEI Podcast Series, Nielsen discusses the role of the modern software factory in acquisition and sustainment with Suzanne Miller, a principal researcher in the SEI's Software Solutions Division.

Watch or listen to the podcast.

SEI NEWS

- [CERT Division Releases Downloadable Source Code Analysis Tool](#)
- [CERT Division Announces Data Science in Cybersecurity Symposium](#)
- [Ipek Ozkaya Named *IEEE Software* Editor-in-Chief](#)

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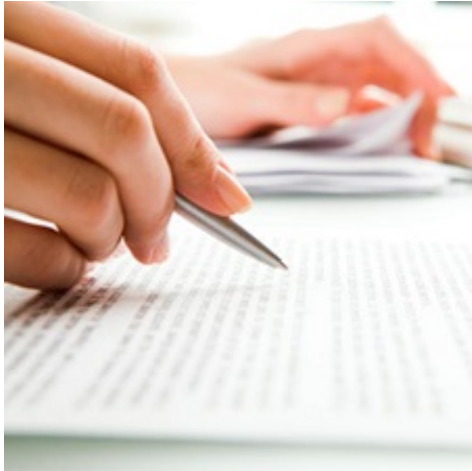
## SEI Publications

- [Prioritizing Alerts from Multiple Static Analysis Tools Using Classification Models](#)
- [Navigating the Insider Threat Tool Landscape: Low-Cost Technical Solutions to Jump-Start an Insider Threat Program](#)

## SEI Blog
Recent posts

- [Decision-Making Factors for Selecting Application Security Testing Tools](#)
- [Introducing the Minimum Viable Capability Strategy](#)
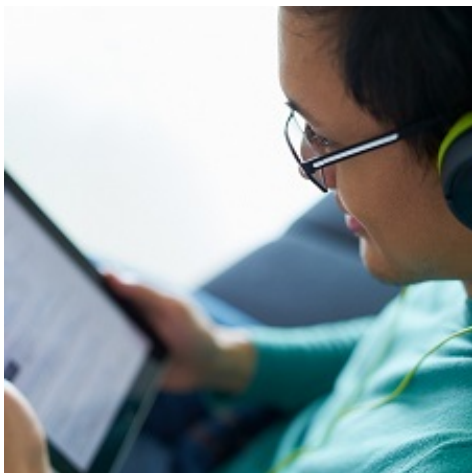
## SEI Podcast Series
Available in video and audio formats

- [Why Does Software Cost So Much?](#)
- [Cybersecurity Engineering & Software Assurance: Opportunities & Risks](#)

## SEI Events
Featured events

- [CERT Data Science in Cybersecurity Symposium](#)
- [SEI Career Fair, Arlington, Va](#).
- [FloCon 2019](#)

## SEI Cyber Minute

Short video snapshots of SEI work from our experts

- [Addressing Architectural Security Throughout DevOps](#)
- [Security Engineering Risk Analysis](#)

## SEI Training

- [Insider Threat Program Evaluator](#)
  September 11-13, 2018 (SEI Arlington, Va.)
- [Insider Threat Vulnerability Assessor Training](#)
  October 24-26, 2018 (SEI Arlington, Va.)

## SEI Careers

Featured opportunities

- [Senior Software/Infrastructure Engineer-Continuous Lifecycle Solutions Team](#)
- [Senior Cybersecurity Engineer](#)
- [Strategic Communications Manager](#)
- [All current opportunities](#)

## About the SEI Bulletin

The SEI Bulletin is a biweekly newsletter designed to keep you up to date on SEI news, events, research, and other matters of interest to the SEI

community. We hope you find the SEI Bulletin useful and informative.

## Send Us Your Story

Do you have a story about how an SEI technology has positively affected your team or organization? If so, the SEI would like to hear about it. Send a short summary of your success to info@sei.cmu.edu and you could be featured in a future issue of the SEI Bulletin.

**Our mailing address is**

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