

# Carnegie Mellon University

## Software Engineering Institute



U.S. Air Force photo by Staff Sgt. Jensen Stidham

SEI Bulletin — August 8, 2018

## Why Does Software Cost So Much?

To contain costs, it is essential to understand which factors drive costs over the longer term and can be controlled. In studies of software development, the research community has not done an adequate job of differentiating causal influences from non-causal statistical correlations. In a new SEI podcast, Mike Konrad and Bob Stoddard discuss the use of an approach known as causal learning that can help the Department of Defense identify which factors cause software costs to escalate and, therefore, serve as a better basis for guidance on how to intervene to better control costs.

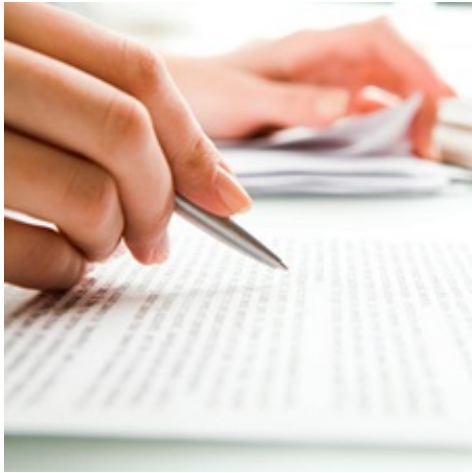
[Watch or listen to the podcast.](#)

### SEI NEWS

- [CERT Division Announces Data Science in Cybersecurity Symposium](#)
- [Ipek Ozkaya Named IEEE Software Editor-in-Chief](#)
- [FloCon 2019 Call for Participation Now Open](#)
- [Microservice, Agile, and the Cloud Highlight SATURN 2018](#)

[Join Our Mailing List](#)

[Visit Our Website](#)



## SEI Publications

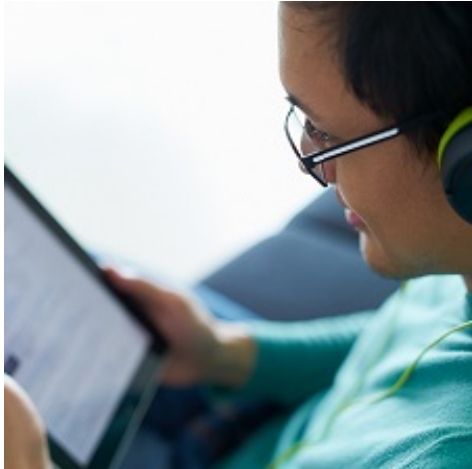
- [Navigating the Insider Threat Tool Landscape: Low-Cost Technical Solutions to Jump-Start an Insider Threat Program](#)
- [ROI Analysis of the System Architecture Virtual Integration Initiative](#)



## SEI Blog

Recent posts

- [Introducing the Minimum Viable Capability Strategy](#)
- [Security Begins at the Home Router](#)



## SEI Podcast Series

Available in video and audio formats

- [Cybersecurity Engineering & Software Assurance: Opportunities & Risks](#)
- [Software Sustainment and Product Lines](#)



## 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

- [Situational Awareness Technical Manager](#)
- [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](mailto:info@sei.cmu.edu) and you could be featured in a future issue of the SEI Bulletin.



---

**Our mailing address is**

*Software Engineering Institute | Carnegie Mellon University | 4500 Fifth Avenue, Pittsburgh, Pa. 15213*

[info@sei.cmu.edu](mailto:info@sei.cmu.edu)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#).