

DoD and Federal Client Support

SEI Client Engagements

THE DEPARTMENT OF DEFENSE (DOD), FEDERAL AGENCIES, ALLIES, AND COMMERCIAL INDUSTRIES depend on software-reliant systems to achieve their missions. However, software acquisition and engineering risk increases for such systems due to

- growing complexity in these systems
- changing development paradigms (such as Agile methods, cloud use, containers)
- increasing emphasis on employing commercial-off-the-shelf (COTS) solutions

We Can Help

The SEI provides independent, honest, technically sound guidance to help government programs achieve their objectives and meet the challenges of modern software system development. SEI technical experts work with clients across the DoD and federal agencies, transitioning SEI methods and technologies to help the government build its long-term expertise and inform software engineering research.

What We Do

We focus on helping our clients develop, integrate, deliver, and support high-quality software-reliant systems on time and within budget. We provide a diverse portfolio of expertise in

- software acquisition
- continuous lifecycles (Agile)

- software analysis, including code analysis
- software modernization
- cloud and virtualization
- software testing
- measurement
- open source and COTS
- real-time embedded systems
- open systems
- Independent Technical Assessments (ITAs)

Working with Us

The SEI focuses on direct interaction with the acquisition, development, and sustainment communities by

- performing diagnostics such as ITAs and Agile methods Readiness and Fit Analysis (RFA)
- helping programs with software strategic planning and request for proposal (RFP) preparation
- evaluating technical proposals and deliverables
- assisting with software engineering and architectural tradeoffs
- collaboratively developing software technologies and practices
- performing software code analysis
- reviewing and advising organizations on software acquisition policy related to software-reliant systems
- transitioning technologies and practices to government and industry to improve software-reliant systems

About the SEI

The Software Engineering Institute is a federally funded research and development center (FFRDC) that works with defense and government organizations, industry, and academia to advance the state of the art in software engineering and cybersecurity to benefit public interest. Part of Carnegie Mellon University, the SEI is a national resource in pioneering emerging technologies, cybersecurity, software acquisition, and software lifecycle assurance.

Contact Us

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