

Acquisition Support



Meeting Program Lifecycle Objectives

Increasingly, government agencies acquire software-reliant systems instead of building them with internal resources. However, programs frequently have difficulty meeting cost, schedule, and technical objectives.

The SEI works directly with key program offices to help them achieve their objectives. Teams of SEI technical experts work in actual acquisition, development, and sustainment environments throughout defense, industry, and federal and state government applying SEI products and services in specific contexts.

The SEI Approach

Our vision is to facilitate the rapid establishment of teams composed of acquirers, developers, and operators to provide evolutionary, high-quality, cutting-edge software-reliant capabilities to end users; everyone from the warfighter to office staff.

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

- performing diagnostics such as Independent Technical Assessments (ITAs), and Agile Methods Readiness and Fit Analysis (RFA)
- helping with program planning and RFP preparation
- evaluating technical proposals and deliverables
- assisting with engineering and architectural trade-offs
- collaboratively developing technologies and practices
- performing software code analysis
- reviewing and advising on acquisition policy related to software-reliant systems
- transitioning technologies and practices to government and industry to improve software-reliant systems

The SEI

For four decades, the Software Engineering Institute (SEI) has been helping government and industry organizations to acquire, develop, operate, and sustain software systems that are innovative, affordable, enduring, and trustworthy. We serve the nation as a federally funded research and development center (FFRDC) sponsored by the U.S. Department of Defense (DoD) and based at Carnegie Mellon University, a global research university annually rated among the best for its programs in computer science and engineering.

Our Experience and Expertise

Program managers are challenged not only to grasp practical business concerns, but also to understand topics as diverse as risk identification and mitigation, selection and integration of commercial off-the-shelf (COTS) components, process capability, new (or evolving) development paradigms, such as agile methods, system and software architecture, system modernization, survivability, software assurance, interoperability, and component integration. The SEI has spent more than two decades compiling a body of knowledge and developing solutions in these areas.

We Can Help

The SEI focuses on helping our clients develop, integrate, deliver, and support software-reliant systems that are reliably and predictably on time, within budget, and of high quality. The SEI is a facilitator and leader of a community of practice for the acquisition of software-reliant systems.

Contact Us

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