



ISACA®

CMMI Performance Solutions

A NEW ERA FOR CMMI

CMMI V3.0

A framework supporting adaptability, discipline, consistency, and long-term performance gains.



Originally created for the US Department of Defense 30+ years ago, CMMI continues to be the globally accepted standard that improves and enhances organizational capability and performance. With the latest release of CMMI V3.0 the model has expanded from its roots in software development to include 8 domains—**creating a more flexible and tailorable approach to adoption!**

CMMI, Agile and DevSecOps

CMMI complements agile and DevSecOps, strengthening the core processes essential for sustainable, scalable success. By integrating CMMI with these methodologies organizations gain the best of both worlds—the agility to respond to change and the process discipline to ensure reliable, high-quality outcomes.

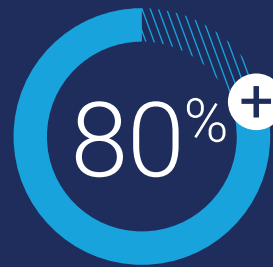
CMMI's Growing National Influence in Regulated Industries

The FDA's recognition of CMMI as a nationwide standard for critical Class III devices through the Voluntary Improvement Program solidifies CMMI's position as a model supporting the highest regulatory standards in industries with sensitive needs.

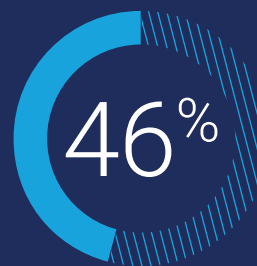
Six ways CMMI can strengthen agile and DevSecOps development processes:

- 1. Process discipline and consistency:** Agile development thrives on iterative processes, but without structure, it can be difficult to maintain quality and consistency. CMMI provides a disciplined framework that helps practices become habitual, persistent, and scalable.
- 2. Alignment with existing Agile practices:** Many teams using agile methods like SCRUM and KanBan are already aligned with CMMI best practices.
- 3. Obtain Leadership support:** Achieving true agility requires leadership support and commitment. CMMI's Governance (GOV) Practice Area provides guidance on leadership's role in the sponsorship and governance of performance, processes, and related activities.

[Continued >](#)



OF ALL CMMI APPRAISALS have agile methods and lifecycles listed within the appraisal.



OF RESPONDENTS SAY inconsistent processes and practices across teams are the most significant barrier to adopting and scaling Agile in their organization.*

*Agile 101: An Agile Primer by the Defense Acquisition University

4. Embedded context for Agile and DevSecOps:

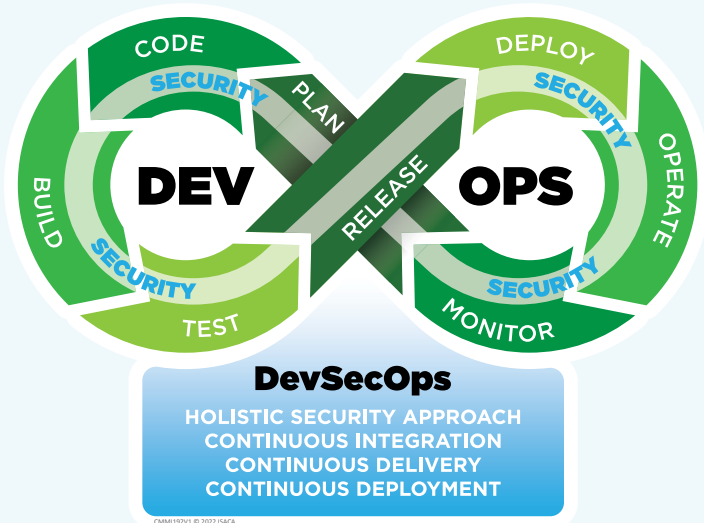
The CMMI Model contains context-specific information and practices specific to improving requirements development, estimation accuracy and planning, risk reduction and management, verification and validation, change management, and with more effective cost and schedule management.

5. Creates deeper organizational knowledge:

CMMI addresses the fungibility of staff to capture organizational knowledge in processes so if staff leave, or during times of great stress, the knowledge and capability stays intact.

6. Transform traditional development:

CMMI revolutionizes development methodologies (e.g waterfall, systems engineering “V”) into repeatable Continuous Implementation/Continuous Deployment (CI/CD) and integrates with other disciplines such as cybersecurity. CMMI supports continuous improvement cycles and iterative goal setting to make the Agile process more sustainable and scalable.



CMMI Proof Points**



IMPROVED QUALITY:

31% average reduction in defect rate



INCREASED PRODUCTIVITY:

17% average improvement in development productivity



ON-TIME DELIVERY:

33% increase in on-time delivery



BETTER COST MANAGEMENT:

48% reduction in schedule variance

***CMMI Technical Report: Performance Results 2024 by ISACA*

“Adopting CMMI has been a game-changer for our organization. It has led to significant performance improvements across the board, enhancing our competitiveness and assisting in positioning us as a market leader.”

AL FUNDERBURK
CEO, PHOENIX DEFENSE



GET STARTED TODAY

ISACA’s CMMI is a proven, outcome-based model that enhances organizational capability, enabling faster, better, and more cost-effective results.

Learn more at www.isaca.org/cmmi