CMMI Domain Differentiation

ISACA — CMMI Performance Solutions

	CMMI Core	Development	Services	Security	Suppliers	Data	Safety	People	Virtual
Description / Value Proposition	Improves an orgnaizaiton's capability to deliver products and services on-time, on-budget and at consistent quality standards. The model is organized into Capability Areas that address the common and prevalent problems that businesses face when producing or delivering solutions.	Improves an organization's capability to develop quality products and services that meet the needs of customers and end users.	Improves an organization's capability to efficiently and effectively deliver quality service offerings that meet market and customer needs.	Improves performance and key capabilities for organizations to assess, enhance, and improve their approach to security beyond compliance.	Improves an organization's capability to identify and manage suppliers and vendors in a way that maximizes supply chain efficiency and reduces risk.	Helps organizations build, improve, and measure their enterprise data management function and staff.	Improves performance and key capabilities for organizations to assess, enhance, and improve their safety strategies.	Helps identify skill gaps, breaks down workflow bottlenecks, and empowers team members to develop skills that will help the organization succeed.	Helps organizations develop the skills necessary to understand best practices, tools, and techniques for virtual business environments to maximize effectiveness and efficiency.
Practice Areas	• Causal Analysis & Resolution • Configuration Management • Decision Analysis & Resolution • Estimating • Governance • Implementation Infrastructure • Monitor & Control • Organizational Training • Peer Reviews • Planning • Process Asset Development • Process Management • Process Quality Assurance • Managing Performance & Measurement • Requirements Development & Management • Risk & Opportunity Management • Verification & Validation	• Product Integration • Technical Solution	• Continuity • Incident Resolution & Prevention • Service Delivery Management • Strategic Service Management	• Enabling Security • Managing Security Threats & Vulnerabilities	• Supplier Agreement Management	• Data Management • Data Quality	• Enabling Safety	• Workforce Empowerment	• Enabling Virtual Work
Target Audience	Organizations looking to increase business value by demonstrating high quality delivery of products and services.	Organizations that develop products, components, and services.	Organizations that provide services, including B2B, B2C, standalone services, and those that are part of a product offering.	Organizations that want to improve their approach to security beyond compliance.	Organizations that acquire components, goods, or services from another company.	Organizations that want to harness the power of data for their business.	Organizations that want to assess, enhance and improve safety strategies.	Organizations that want to develop people management capabilities and make the most of their workforce.	Organizations that have virtual business environments that want to maximize effectiveness and efficiency.
End User Pain Points	• Customer complaints • Late delivery • Costly solutions • Poor quality/Consistent rework • Constantly stretched resources/Low productivity • Constant "firefighting"/surprise issues • Poor retention • Everything/nothing is a priority • Never enough time/budget	• Cost Overruns • High defect rates • Missed deadlines	• Service disruption • Re-work • Cost overruns • Delays	• Spending too much time reacting to threats • Low customer confidence	• Misunderstood expectations • Capacity and resource shortage • Requirement Changes	• Disparate silos • No formal process or clear strategy • Lack of leadership support • Little confidence in data integrity	• Too much risk • Low employee morale • High turnover	• Lack of employee skill sets and resources • Turnover • Poor morale • Workflow bottlenecks	• Exposure to vulnerabilities • Operational disruptions
Key Benefits	• Improve competitiveness • Support customers • Build on existing strengths • Leverage your existing processes standards, and methodologies • Do more with less • Expand market share	• Increase quality • Reduce cost • Improve time-to-market • Improve product lifecycle management • Gain organizational agility	• Gain customer loyalty • Develop resiliency • Improve time-to-market • Increase quality • Reduce cost	• Increase customer confidence • Develop resiliency • Improve employee morale and turnover • Easily integrate popular standards and requirements	• Meet growth demands • Keep pace with product demands • Reduce supply chain risk	• Improve decision-making • Improve efficiency and reduce costs • Improve data confidence • Increase effectiveness of data governance programs	• Increase quality • Reduce risk • Improve employee morale and turnover • Develop resiliency	• Drive organizational growth • Mitigate bottlenecks • Retain talent • Ensure agility	• Identify and decrease exposure to vulnerabilities • Plan ahead for operational disruptions • Improve operational efficiencies
Relationships to Government Mandates, Standards, and Methodologies	CMMI enables other frameworks and methodologies to work better regarding performance results and outcomes. CMMI also enables easy integration with other standards.	• Agile development • DevSecOps • Secure Design and Coding • LifeCycle methodologies	• ISO 20000	• FedRAMP • S-BOM • CMMC • NIST • ISO 27000, 27001 • EDA Cyber Code of Practice	• NIST • ISO • US FARS and DFARS	• Local/regional standards • ISO 8000: series	• NIST • ISO • Multiple regional/industry specific standards • EU: SPICE	• NIST • ISO • Multiple regional/industry specific standards	• CMMI is unique in this domain

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