

CAPABILITY MATURITY MODEL INTEGRATION (CMMI) VERSION 1.2 PROCESS AREAS (PA)

LEVEL 2	Requirements Management	REQM	Manage the requirements of the project's products and product components and to identify inconsistencies between those requirements and the project's plans and work products.
	Project Planning	PP	Establish and maintain plans that define project activities.
	Project Monitoring and Control	PMC	Provide an understanding of the project's progress so that appropriate corrective actions can be taken when the project's performance deviates significantly from the plan.
	Supplier Agreement Management	SAM	Manage the acquisition of products from suppliers.
	Measurement and Analysis	MA	Develop and sustain a measurement capability that is used to support management information needs.
	Process and Product Quality Assurance	PPQA	Provide staff and management with objective insight into processes and associated work products.
LEVEL 3	Configuration Management	CM	Establish and maintain the integrity of work products using configuration identification, configuration control, configuration status accounting, and configuration audits.
	Requirements Development	RD	Produce and analyze customer, product, and product-component requirements.
	Technical Solution	TS	Design, develop, and implement solutions to requirements. Solutions, designs, and implementations encompass products, product components, and product-related life-cycle processes either singly or in combinations as appropriate.
	Product Integration	PI	Assemble the product from the product components, ensure that the product, as integrated, functions properly, and deliver the product.
	Verification	VER	Ensure that selected work products meet their specified requirements.
	Validation	VAL	Demonstrate that a product or product component fulfills its intended use when placed in its intended environment.
	Organizational Process Focus	OPF	Plan, implement, and deploy organizational process improvements based on a thorough understanding of the current strengths and weaknesses of the organization's processes and process assets.
	Organizational Process Definition +IPPD	OPD	Establish and maintain a usable set of organizational process assets and work environment standards. For IPPD, establishment of organizational rules and guidelines that enable conducting work using integrated teams.
	Organizational Training	OT	Develop the skills and knowledge of people so they can perform their roles effectively and efficiently.
	Integrated Project Management +IPPD	IPM	Establish and manage the project and the involvement of the relevant stakeholders according to an integrated and defined process that is tailored from the organization's set of standard processes. For IPPD, establishment of a shared vision for the project and the establishment of integrated teams that will carry out objectives of the project.
LEVEL 4	Risk Management	RSKM	Identify potential problems before they occur so that risk-handling activities may be planned and invoked as needed across the life of the product or project to mitigate adverse impacts on achieving objectives.
	Decision Analysis and Resolution	DAR	Analyze possible decisions using a formal evaluation process that evaluates identified alternatives against established criteria.
	Organizational Process Performance	OPP	Establish and maintain a quantitative understanding of the performance of the organization's set of standard processes in support of quality and process-performance objectives, and to provide the process performance data, baselines, and models to quantitatively manage the organization's projects.
LEVEL 5	Quantitative Project Management	QPM	Quantitatively manage the project's defined process to achieve the project's established quality and process-performance objectives.
	Organizational Innovation and Deployment	OID	Select and deploy incremental and innovative improvements that measurably improve the organization's processes and technologies. The improvements support the organization's quality and process-performance objectives as derived from the organization's business objectives.
	Causal Analysis and Resolution	CAR	Identify causes of defects and other problems and take action to prevent them from occurring in the future.