

CMMI for Development, V1.3



GENERIC GOALS AND PRACTICES	1 CAPABILITY LEVEL 1 (PERFORMED)					2 CAPABILITY LEVEL 2 (MANAGED)					3 CAPABILITY LEVEL 3 (DEFINED)					4 CAPABILITY LEVEL 4 (QUANTITATIVELY MANAGED)					5 CAPABILITY LEVEL 5 (OPTIMIZING)														
	GP1	GP2	GP3	GP4	GP5	GP6	GP7	GP8	GP9	GP10	GP11	GP12	GP13	GP14	GP15	GP16	GP17	GP18	GP19	GP20	GP21	GP22	GP23	GP24	GP25	GP26	GP27	GP28	GP29	GP30					
PROCESS AREAS	CONFIGURATION MANAGEMENT					MEASUREMENT AND ANALYSIS					PROJECT MONITORING AND CONTROL					PROJECT PLANNING					PROCESS AND PRODUCT QUALITY ASSURANCE					REQUIREMENTS MANAGEMENT					SUPPLIER AGREEMENT MANAGEMENT				
	CM	MA	PM	PP	PPQA	REQ	SM	DA	OP	OT	PL	RD	RS	RM	TS	VA	VER	OP	QM	CA	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP					
PURPOSE	The purpose of Configuration Management (CM) is to establish and maintain the integrity of work products using configuration identification, configuration control, configuration status accounting, and configuration audits.					The purpose of Measurement and Analysis (MA) is to establish and maintain a measurement capability using management information needs.					The purpose of Project Monitoring and Control (PM) is to establish and maintain the project's performance deviates significantly from the plan.					The purpose of Project Planning (PP) is to establish and maintain plans that define project activities.					The purpose of Process and Product Quality Assurance (PPQA) is to provide staff and management with objective insight into processes and associated work products.					The purpose of Requirements Management (REQM) is to manage the acquisition of products and services from suppliers.									
	Baseline of identified work products are established.					Measurement objectives and activities are aligned with identified information needs and objectives.					Actual project progress and performance are monitored against the project plan.					Estimates of project planning are established and maintained.					Adherence of the performed process and associated work products to applicable process descriptions, standards, and procedures is objectively evaluated.					Requirements are managed and controlled with project plans and work products are identified.									
SPECIFIC GOALS AND PRACTICES	<p>CM.SG1 Establish Baselines</p> <p>CM.SG2 Track and Control Changes</p> <p>CM.SG3 Track Change Requests</p> <p>CM.SG4 Control Configuration Items</p> <p>CM.SG5 Establish Integrity</p> <p>CM.SG6 Establish Configuration Management Records</p> <p>CM.SG7 Perform Configuration Audits</p>					<p>MA.SG1 Align Measurement and Analysis Activities</p> <p>MA.SG2 Provide Measurement Results</p> <p>MA.SG3 Analyze Measurement Data</p> <p>MA.SG4 Control Configuration Items</p> <p>MA.SG5 Store Data and Results</p> <p>MA.SG6 Communicate Results</p>					<p>PM.SG1 Monitor the Project</p> <p>PM.SG2 Monitor Project Planning Parameters</p> <p>PM.SG3 Monitor Project Risks</p> <p>PM.SG4 Monitor Data Management</p> <p>PM.SG5 Monitor Stakeholder Involvement</p> <p>PM.SG6 Conduct Progress Reviews</p> <p>PM.SG7 Conduct Milestone Reviews</p> <p>PM.SG8 Provide Corrective Action to Close-out</p>					<p>PP.SG1 Estimate the Scope of the Project</p> <p>PP.SG2 Estimate the Effort and Cost</p> <p>PP.SG3 Communicate Quality Assurance and Resolve Non-compliance Issues</p> <p>PP.SG4 Identify Project Risks</p> <p>PP.SG5 Plan Data Management</p> <p>PP.SG6 Plan the Project's Resources</p> <p>PP.SG7 Plan Needed Knowledge and Skills</p> <p>PP.SG8 Plan Stakeholder Involvement</p> <p>PP.SG9 Establish the Project Plan</p>					<p>PPQA.SG1 Objectively Evaluate Processes and Work Products</p> <p>PPQA.SG2 Objectively Evaluate Work Products</p> <p>PPQA.SG3 Communicate Quality Assurance and Resolve Non-compliance Issues</p> <p>PPQA.SG4 Establish and Maintain Records of Quality Assurance Activities</p>					<p>REQM.SG1 Manage Requirements</p> <p>REQM.SG2 Obtain Commitment to Requirements</p> <p>REQM.SG3 Manage Requirements Changes</p> <p>REQM.SG4 Maintain Bidirectional Traceability of Requirements</p> <p>REQM.SG5 Establish and Maintain Project Work and Requirements</p> <p>REQM.SG6 Manage the Project Using Integrated Plans</p> <p>REQM.SG7 Establish Teams</p> <p>REQM.SG8 Contribute to Organizational Process Assets</p>									