











SW-CMM v1.1 Key Process Areas					
Level	Focus	Key Process Areas	]		
5 Optimizing	Continuous process improvement	Defect Prevention Technology Change Management Process Change Management	Quality Producti		
4 Managed	Product and process quality	Quantitative Process Management Software Quality Management	-		
<b>3</b> Defined	Engineering processes and organizational support	Organization Process Focus Organization Process Definition Training Program Integrated Software Management Software Product Engineering Intergroup Coordination Peer Reviews			
2 Repeatable	Project management processes	Requirements Management Software Project Planning Software Project Tracking & Oversight Software Subcontract Management Software Quality Assurance Software Configuration Management	Ris		
1 Initial	Competent peopl	e and heroics	Wa		









































Carregie Mellon University Software Engineering Institute	e Granularity
CMMs Un	nknown? CMM Integration!
Maturity Levels	5
Key Process Areas	18
Goals	52 (2-4 per KPA)
Key Practices	<b>316 total</b> 150 KPs at ML2/3 62 Activities at ML2/3
	28

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Software Engineering Institute Acronyms -1					
СМ	Configuration Management				
СМ	Capability Model (term used by CMMI)				
СММ	Capability Maturity Model				
CMMI	CMM Integration				
IDEAL	Initiating, Diagnosing, Establishing, Acting, Learning model for continual process improvement				
ISO	International Organization for Standardization				
ISO 12207	ISO standard for software life cycle processes				
ISO 15288	draft ISO standard (currently working draft) for system life cycle processes				
ISO 15504	draft ISO standards (currently type 2 technical reports) for software process assessment				
ISO 9000,					
ISO 9001	ISO standards for quality management systems				
PSP	Personal Software Process				
SCE	Software Capability Evaluation				
SCM	Software Configuration Management				

Carregie Mellon University Software Engineering Institute Acronyms -2				
	SEI SEPG SPICE	Software Engineering Institute Software Engineering Process Group Software Process Improvement and Capability dEtermination (aka ISO 15504 - Software Process Assessment)		
	SQA SW-CMM TQM	Software Quality Assurance Capability Maturity Model for Software Total Quality Management		
	101			
			66	