

Mapping of the Effective Requirements Practices to the SW-CMM

Effective Requirements Practice	Applicable Software Engineering Institute Capability Maturity Model
1. Commit to the approach.	RM.AB.1,3,4 RM.CO.1 IC.AB.1,2 IC.AC.1,3
2. Establish and utilize a joint team responsible for the requirements.	RM.AC.1,3 RM.VE.1 IC.AB.3,4,5
3. Define the <i>real</i> customer needs.	RM AB.2 IC.AC.1
4. Use and continually improve a requirements process.	RM KPA (all Key Practices)
5. Iterate the system requirements and the system architecture repeatedly.	RM.AB.1 PE.AC.2
6. Use a mechanism to maintain project communication.	RM.AC.1 IC.CO.1 IC.AB.1 IC.AC.1,2
7. Select familiar methods and maintain a set of work products.	RM.AC.2,3 IC.AB.2
8. Perform requirements verification and validation.	RM.VE.3 PE.AC.2
9. Provide an effective mechanism to accommodate requirements changes.	RM.AC.3
10. Perform the development effort using known, proven industry, organizational, and project best practices.	IC.AB.2

KPA Key

RM, requirements management
IC, intergroup coordination
PE, software product engineering

Common Features Key

AB, ability
AC, activity
CO, commitment
VE, verification