

Topics

- The Presentation Order of Process Areas
- Product Development 1 Process Areas
- Requirements Development (RD)
- Requirements Management (REQM)
- Product Development 1 Summary

Requirements Management (REQM)

A Project Management Process Area at Maturity Level 2

Purpose

Manage requirements of the project's products and product components and to ensure alignment between those requirements and the project's plans and work products.



Relevant Terminology

Requirements Traceability

A discernable association between requirements and related requirements, implementations, and verifications

Bidirectional Traceability

An association among two or more logical entities that is discernable in either direction (i.e., to and from an entity)

When Requirements Management Is Not Done Well...

Requirements are accepted by staff from any source they deem to be authoritative.

The project experiences a high level of requirements changes.

There are high levels of rework throughout the project.

There is an inability to prove that the product meets the approved requirements.

Lack of requirements traceability often results in incomplete or incorrect testing of the product.

Requirements Management Goals

SG 1

Manage Requirements

Requirements are managed and inconsistencies with project plans and work products are identified.

The process area also has generic goals to support institutionalization.

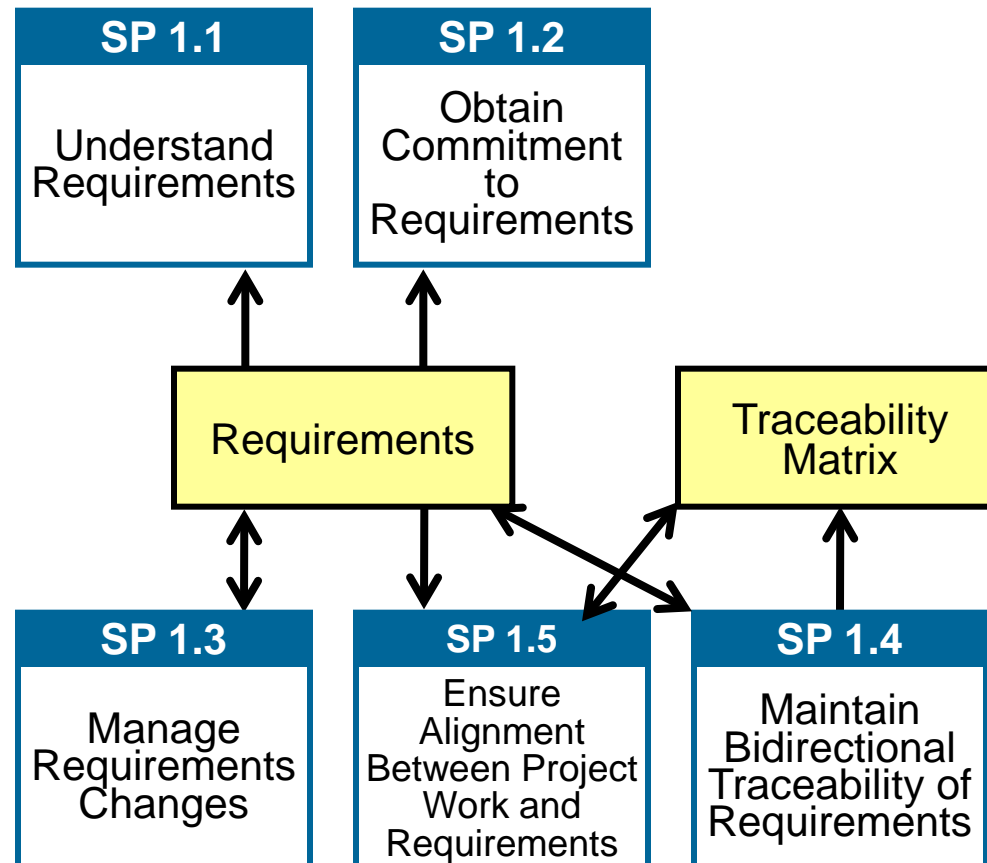
Requirements Management Specific Practices

SG 1

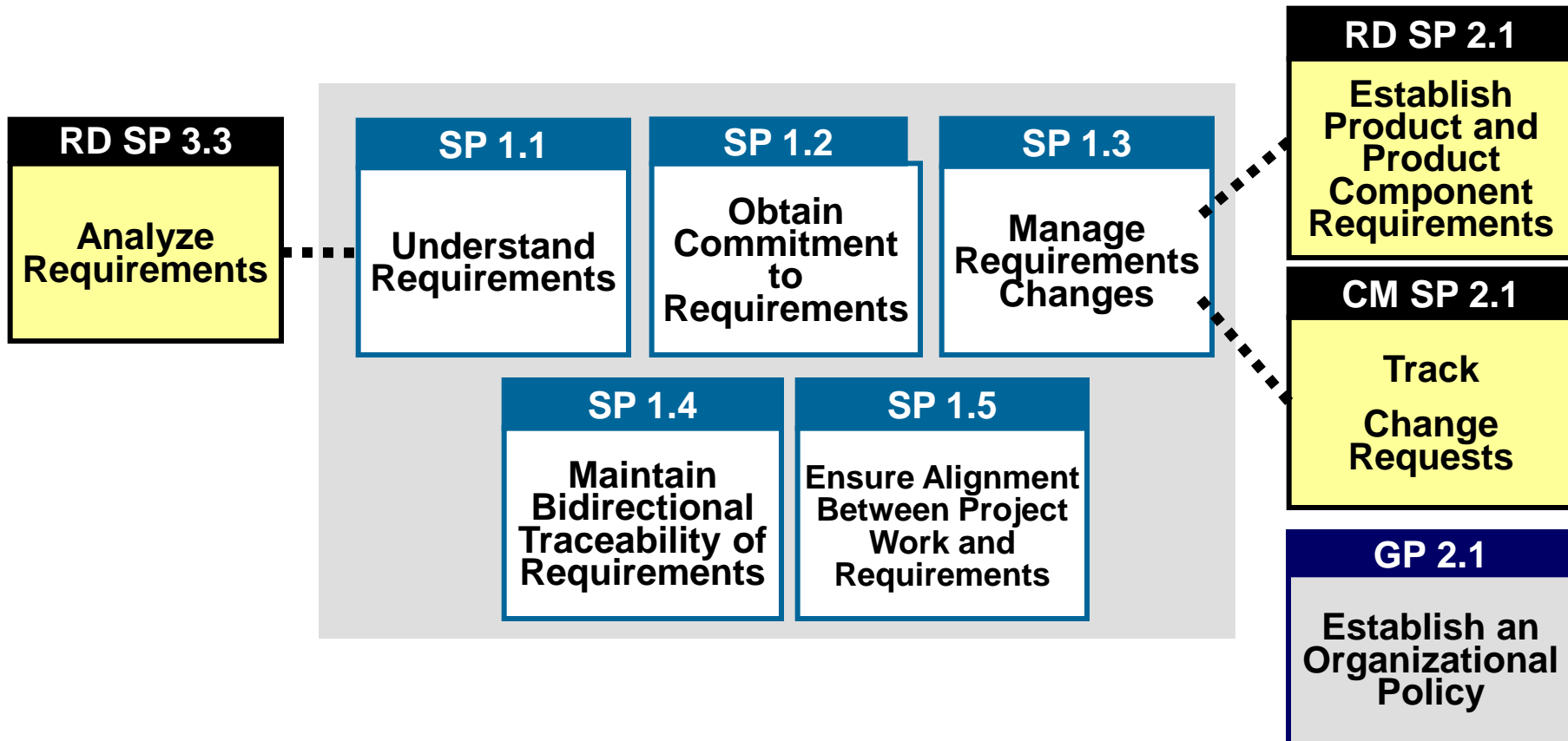
Manage Requirements

- SP 1.1 Understand Requirements
- SP 1.2 Obtain Commitment to Requirements
- SP 1.3 Manage Requirements Changes
- SP 1.4 Maintain Bidirectional Traceability of Requirements
- SP 1.5 Ensure Alignment Between Project Work and Requirements

Requirements Management Sampling of Work Products



Requirements Management Sampling of PA and GP Relationships



Requirements Management Case Study Example Focus Area

