

GURUTTAM

GOVERNED BY WISDOM

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CMMi Desktop

Suggestions to

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General Enterprise Processes



CMMi – Product suite

The complete set of products developed around the CMMI concept.

CMMi – A framework

A structure that organizes components of the models, as well as rules & methods to generate CMMi Models

CMMi – A framework Representation

Continuous – Allows to choose the order of improvement meeting business objective

Staged – Proven sequence of improvement to go to next level

CMMi – 4 Disciplines (Knowledge bodies)

Systems Engineering – development of total systems, which may or may not include software

Software Engineering – development of software systems

Integrated Product and Process Development - timely collaboration of relevant stakeholders

Supplier Sourcing – project may use suppliers for specific needs of the project

Process Areas

Process Management : cross-project activities related to defining, planning, resourcing, deploying, implementing, monitoring, controlling, appraising, measuring, and improving processes.

Project Management :planning, monitoring, and controlling the project

Engineering: development & maintenance activities that are shared across engineering disciplines

Support :the activities that support product development and maintenance

CMMi Process Areas

Process Management

- Organizational Process Focus
- Organizational Process Definition
- Organizational Training
- Organizational Process Performance
- Organizational Innovation and Deployment

Project Management

- Project Planning
- Project Monitoring and Control
- Supplier Agreement Management
- Integrated Project Management for IPPD (or Integrated Project Management)
- Risk Management
- Integrated Teaming
- Integrated Supplier Management
- Quantitative Project Management

Engineering

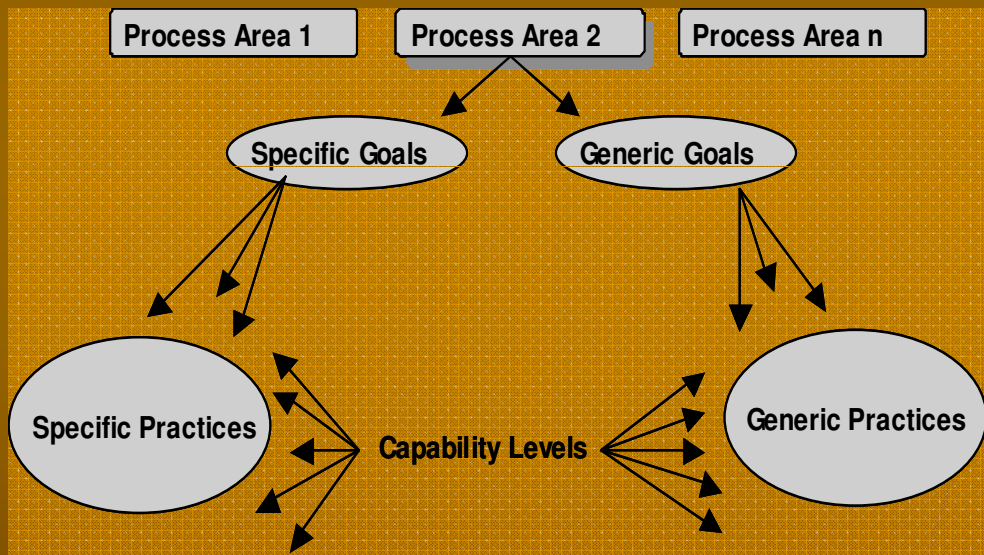
- Requirements Development
- Requirements Management
- Technical Solution
- Product Integration
- Verification
- Validation

Support

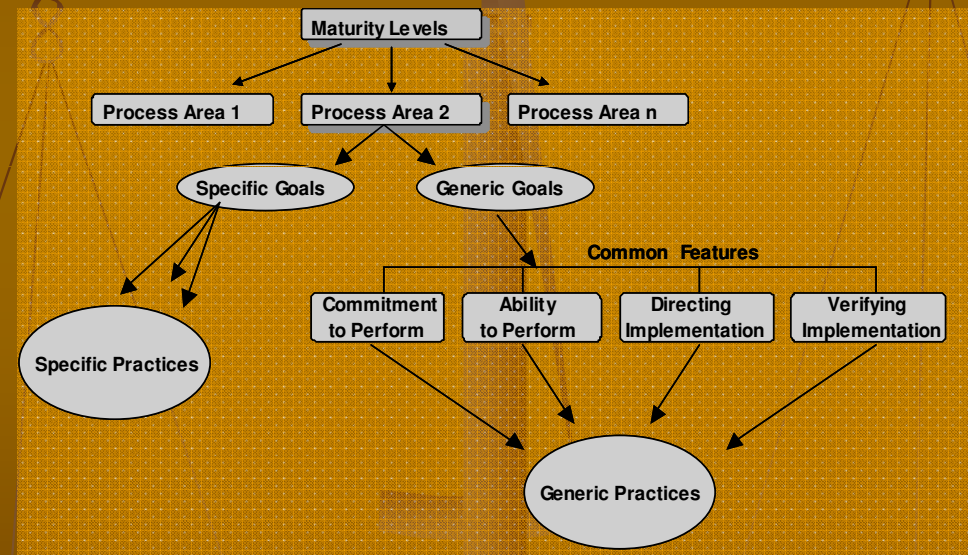
- Configuration Management
- Process and Product Quality Assurance
- Measurement and Analysis
- Organizational Environment for Integration
- Decision Analysis and Resolution
- Causal Analysis and Resolution

CMMi Model Components:

Continuous structure



Staged structure

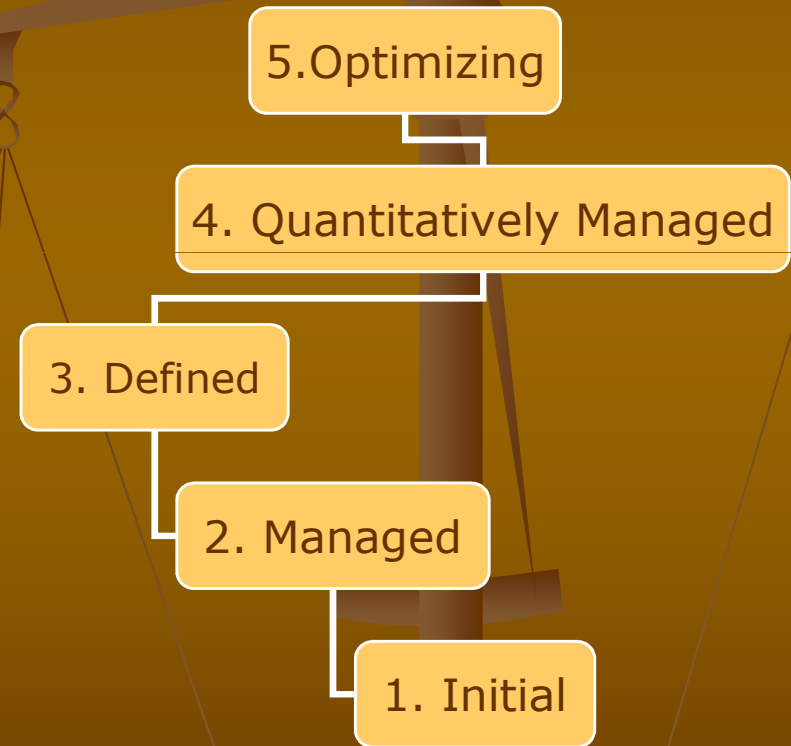


CMMi Levels:

Continuous : Capability Levels



Staged : Maturity Levels



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THANK YOU

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