

Transitioning from V1.3 to V2.0

This paper discusses the differences between a CMMI Version 1.3 Maturity Level 3 organization a CMMI Version V2.0 ML3 organization. If you have additional questions, please don't hesitate to email us at jeff@brightlineperformance.com.

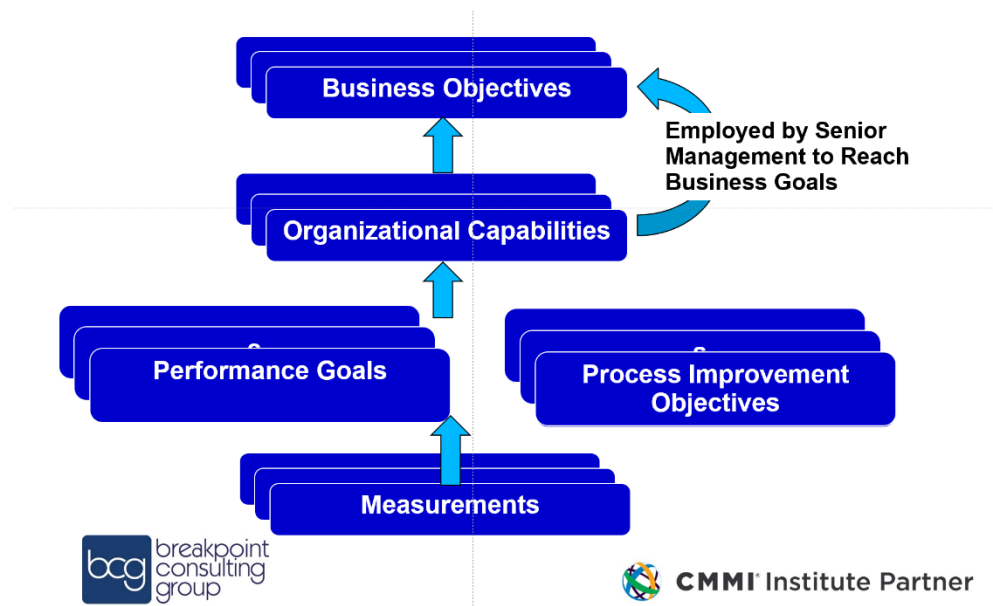
The major differences between V1.3 and V2.0 are the Conceptual Focus, Changes in Terminology and Distribution, the Practice Areas, and the way Appraisals are planned and conducted.

CONCEPTUAL FOCUS

The focus of V1.3 was on implementation. The focus of V2.0 is on your business processes.

In fact, your business objectives provide the purpose, or cause for CMMI adoption. A business objective is what makes sense to you, but the more quantifiable they are, the more helpful. For example, "double our gross revenue by February 2023", or "reduce after-market code errors to 1 in each 10,000 lines of code" would both be acceptable business objectives.

Here is a graphic we like to use to show that business objectives are typically met by improving business capabilities, which are themselves improved by improving their processes (process/ technology/ knowledge).



CHANGES IN TERMINOLOGY AND DISTRIBUTION

A lot of the terminology has been updated to reflect the new conceptual view. PROCESS AREA has been replaced by PRACTICE AREA. Specific Practices have been replaced by Practices. There are no longer any Generic Practices. The Specific Goals have become Levels.

CMMI Models are no longer free. Because the CMMI Institute is a "for profit" organization, they must charge for the standard in much the same way as ISO or other standards organizations do. Each student

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how takes t Foundations of Capability or Excellence (in Development or Services) may download a personal copy of the model used in the class. For company or organizational use, please see [this link](#).

PRACTICE AREAS

Because each Practice Area is composed of 1 to 5 levels, the Practice Areas to be included at Maturity Level 3. Those Practice Areas which go to Level 2 or Level 3 are (*indicates an area that is added to ML3 under V2.0):

- **COMMON PRACTICE AREAS**

1. *Causal Analysis and Resolution (goes to Level 5)
2. Configuration Management (goes to Level 2)
3. Decision and Resolution (goes to Level 3)
4. Estimating (goes to Level 3)
5. *Governance (goes to Level 4)
6. Implementation Infrastructure (goes to Level 3)
7. Managing Performance and Measurement (goes to Level 5)
8. Monitor and Control (goes to Level 3)
9. Organizational Training (goes to Level 3)
10. Peer Reviews (goes to Level 3)
11. Planning (goes to Level 4)
12. Process Asset Development (goes to Level 3)
13. Process Management (goes to Level 4)
14. Process Quality Assurance (goes to Level 3)
15. Requirements Development and Management (goes to Level 3)
16. Risk and Opportunity Management (goes to Level 3)
17. Supplier Agreement Management (goes to Level 4)
18. Verification and Validation (goes to Level 3)

- **DEVELOPMENT ONLY**

- Product Integration (goes to level 3)
- Technical Solution (goes to Level 3)

- **SERVICES ONLY**

- Continuity (goes to Level 3)
- Incident Resolution and Prevention (goes to Level 3)
- Service Delivery Management (goes to Level 2)
- Strategic Service Management (goes to Level 3)

APPRAISALS

Most of the appraisal rule set stayed intact. The most notable changes are:

- The SCAMPI A (Class A) appraisal is now a Benchmark Appraisal.
- SCAMPI Bs and Cs are now Evaluation Appraisals
- A Performance Report is now required for all Benchmark appraisals