

A Guide to the CMMI[®]

Interpreting the Capability Maturity Model[®] Integration

2nd Edition

Revised for CMMI[®] for Development, V1.2

with

Dymond  Diagrams

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Preface to the Second Edition

This book, *A Guide to the CMMI®: Interpreting the Capability Maturity Model® Integration*, written by Kenneth M. Dymond to accompany changes in the CMMI, Version 1.2, the CMMI-DEV, is a revision of his earlier book, *A Guide to the CMMI®* (see bibliography, Dymond 2004).

For implementers who base their process improvement on the CMMI, the major revisions in CMMI-DEV are

- emphasis on work environment (OPD SP 1.6 and IPM SP 1.3)
- deployment of process assets at project launch and during its life cycle (OPF SP 3.2)
- material on integrated product and process development streamlined (by eliminating OID and IT Process Areas and incorporating much of their content in a reconstituted Specific Goal 3 of IPM and a new Specific Goal 2 of OPD)
- Supplier Agreement Management (SAM) expanded with practices from Integrated Supplier Management (ISM), eliminating the latter Process Area.

For CMMI specialists who are concerned with the details of changes throughout V1.2, there are many authoritative sources. Among them are the excellent summaries in Phillips 2006a and 2006b (see bibliography). The ultimate source, displaying text added, deleted, and moved in different highlight colors, is SEI 2006f.

For this *Guide* second edition, besides revised content reflecting CMMI V1.2, the major changes are

- a revised order of presenting Process Areas for Maturity Levels 2 and 3
- emphasis on Lessons Learned and Feed Forward (LLaFFing)
- addition of Figure 8 to illustrate the relation of appraisals to ongoing business
- deletion of much material comparing software CMM® to CMMI®
- addition of appendices D, E, F
- an expanded Appendix C
- an index (at last).

Some stylistic alterations were made to improve (we hope) readability.

As with our other Guides to the various capability maturity models®, this book could only have been produced with the indispensable contributions of

- Detta Dymond who juggles the many tasks of Director of Publications, editor, publisher, prompter, and overall facilitator
- Sheryle Booze-Flowers who proofs, binds, cross-checks, and keeps track of the many drafts while running the office

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- Cynthia Wise who reviews content and advises on interpretation from her wide and deep experience with maturity models.

As with the Guide for CMMI v1.1, the errors in this second edition are my own doing.

Ken Dymond
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