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Descrizione fisica	1 online resource (601 pages)
Collana	Expert insight
Altri autori (Persone)	HolstChristian von
Disciplina	620/.001171
Soggetti	Systems engineering Agile software development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
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## Sommario/riassunto

Agile MBSE can help organizations manage change while ensuring system correctness and meeting customers' needs. But deployment challenges have changed since our first edition. The Agile Model-Based Systems Engineering Cookbook's second edition focuses on workflows – or recipes – that will help MBSE practitioners and team leaders address practical situations that are part of deploying MBSE as part of an agile development process across the enterprise. In this 2nd edition, the Cameo MagicDraw Systems Modeler tool – the most popular tool for MBSE – is used in examples (models are downloadable by readers). Written by a world-renowned expert in MBSE, this book will take you through systems engineering workflows in the Cameo Systems Modeler SysML modeling tool and show you how they can be used with an agile and model-based approach. You'll start with the key concepts of agile methods for systems engineering. Next, each recipe will take you through initiating a project, outlining stakeholder needs, defining and analyzing system requirements, specifying system architecture, performing model-based engineering trade studies, all the way to handling systems specifications off to downstream engineering. By the end of this MBSE book, you'll learn how to implement systems engineering workflows and create systems engineering models.

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