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Autore	Chandra Charu
Titolo	Supply Chain Configuration : Concepts, Solutions, and Applications // by Charu Chandra, Janis Grabis
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ISBN	1-4939-3557-7
Edizione	[2nd ed. 2016.]
Descrizione fisica	1 online resource (310 p.)
Disciplina	620
Soggetti	Industrial engineering Production engineering Production management Transportation Industrial and Production Engineering Operations Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Configuration -- Scope of Supply Chain Configuration Problem -- Literature Review -- Reconfigurable Supply Chains: An Integrated Framework -- Methodology for Supply Chain Configuration -- Knowledge Management as the Basis of Crosscutting Problem-Solving Approaches -- Conceptual Modeling Approaches -- Mathematical Programming Approaches -- Simulation Modeling and Hybrid Approaches -- Information Technology Support for Configuration Problem Solving -- Data Integration Technologies -- Mobile and Cloud Based Technologies -- Application in Hi-Tech Electronics Industry -- Application in ICT Distribution -- Application in Health Care -- Future Research Directions in Supply Chain Configuration Problem.
Sommario/riassunto	This book discusses the models and tools available for solving configuration problems, emphasizes the value of model integration to obtain comprehensive and robust configuration decisions, proposes solutions for supply chain configuration in the presence of stochastic and dynamic factors, and illustrates application of the techniques discussed in applied studies. It is divided into four parts, which are devoted to defining the supply chain configuration problem and

identifying key issues, describing solutions to various problems identified, proposing technologies for enabling supply chain confirmations, and discussing applied supply chain configuration problems. Its distinguishing features are: an explicit focus on the configuration problem an in-depth coverage of configuration models an emphasis on model integration and application of information modeling techniques in decision-making New to this edition is Part II: Technologies, which introduces readers to various technologies being utilized for supply chain configuration and contains two new chapters. The volume also has an added emphasis on the most recent theoretical developments and empirical findings in the area of supply chain management and related topics. This book is appropriate for professional and technical readers, including research directors, research associates, and institutions involved in both the design and implementation of logistics systems in manufacturing and service-related products. An equally appropriate audience is the academic reader, including professors, research associates, and students in industrial, manufacturing, mechanical, and automotive engineering departments, as well as engineering management, management sciences, and production and operations management.
