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Soggetti	Application software Management information systems Industrial management Computer Appl. in Administrative Data Processing Information Systems Applications (incl. Internet) Business Process Management
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Nota di contenuto	Part I Foundation -- Introduction -- Evolution of Enterprise Systems Architectures -- Part II Business Process Modelling -- Business Process Modelling Foundation -- Process Orchestrations -- Process Choreographies -- Properties of Business Processes -- Part III Architectures and Methodologies -- Business Process Management Architectures -- Business Process Management Methodology.
Sommario/riassunto	Business process management is usually treated from two different perspectives: business administration and computer science. While business administration professionals tend to consider information technology as a subordinate aspect in business process management for experts to handle, by contrast computer science professionals often consider business goals and organizational regulations as terms that do not deserve much thought but require the appropriate level of abstraction. Mathias Weske argues that all communities involved need to have a common understanding of the different aspects of business process management. To this end, he details the complete business process lifecycle from the modeling phase to process enactment and

improvement, taking into account all different stakeholders involved. After starting with a presentation of general foundations and abstraction models, he explains concepts like process orchestrations and choreographies, as well as process properties and data dependencies. Finally, he presents both traditional and advanced business process management architectures, covering, for example, workflow management systems, service-oriented architectures, and data-driven approaches. In addition, he shows how standards like WfMC, SOAP, WSDL, and BPEL fit into the picture. This textbook is ideally suited for classes on business process management, information systems architecture, and workflow management. This 3rd edition contains a new chapter on business decision modelling, covering the Decision Model and Notation (DMN) standard; the chapter on process choreographies has been streamlined, and numerous clarifications have been fetched throughout the book. The accompanying website www.bpm-book.com contains further information and additional teaching material.
