

1. Record Nr.	UNISALENTO991003242669707536
Autore	Cecelja, Franjo
Titolo	Manufacturing information & data systems [e-book] : analysis, design & practice / Franjo Cecelja
Pubbl/distr/stampa	London : Penton, 2002
ISBN	9781857180312 1857180313
Descrizione fisica	xiv, 185 p. : ill. ; 24 cm
Collana	Manufacturing engineering modular series
Disciplina	658.500285
Soggetti	Manufacturing processes - Data processing Industrialists - Information resources management Industrial management - Data processing Management information systems Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Information Needs of Manufacturing; Information Technology and Information Systems; Manufacturing Information; MIDS Taxonomy; Conclusion; References -- 2. Manufacturing Databases -- Database Systems; Database Models; Database Design; Database Normalization; General Database Management Issues; Applications of Relational Databases and Future Trends; Conclusion; References -- 3. Manufacturing Resource Planning Systems -- Introduction; Materials Requirements Planning; Manufacturing Resources Planning System (MRP II); Conclusion; References -- 4. Shop-Floor Data Collection Systems -- Introduction; Computerized SFDC; Bar Codes; Electronic Labels; Other Types of SFDC System; The People Factor; Conclusion; References -- 5. Telecommunication -- Introduction; Telecommunications System; Types of Telecommunications Networks; Telecommunications For Competitive Advantage; Management Issues and Decisions; Conclusion; References -- 6. Electronic Commerce -- Introduction; The Internet; Electronic Commerce; Conclusion; References -- 7. Strategic Implications of MIDS -- Introduction; Concept of Strategic Information Systems; The Evolution of IS/IT; Use of Information Systems for

Sommario/riassunto

Recent years have witnessed an increase in the use of information technology in manufacturing, so much so that it has rapidly permeated the organization at every level. Consequently, there is a growing need for those related to or interested in manufacturing to understand the nature of this technology and the way it can best be used to increase competitive advantage, hence the profit. This book is a contribution towards better understanding of information technology and information systems and their application in manufacturing. The main feature of this book is that it addresses information systems and its application in manufacturing with a view to improving the competitive advantage. It offers fundamental understanding of information technology and underpinning principles, but also practical issues related to its implementation and operation. Additionally, the material is structured such that the reader is taken logically from basic principles to practical issues of information systems. Yet, chapters tend to be sufficiently independent making the text suitable for those with particular interest
