

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910785028203321 |
| Autore | Stevens Renee |
| Titolo | Engineering mega-systems : the challenge of systems engineering in the information age // Renee Stevens |
| Pubbl/distr/stampa | Boca Raton, Fla. : , : CRC Press, , 2010 |
| ISBN | 0-429-13170-4 1-4200-7667-1 |
| Edizione | [1st edition] |
| Descrizione fisica | 1 online resource (256 p.) |
| Collana | Complex and enterprise systems engineering |
| Disciplina | 620.001/171 |
| Soggetti | Systems engineering Large scale systems |
| 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 | Front cover; Dedication; Contents; List of Figures; List of Tables; List of Acronyms; Acknowledgments; About the Author; Part I: Setting the Stage; Chapter 1: Introduction; Chapter 2: Context and Trends; Part II: Concepts and Frameworks; Chapter 3: Mega-System Concepts; Chapter 4: A Framework for Exploring Mega-Systems; Chapter 5: Engineering and Acquiring Mega-Systems; Chapter 6: Introduction to Mega-System Case Studies; Chapter 7: Single Integrated Air Picture; Chapter 8: Developing the Electronic Product Code Network; Chapter 9: Observations from the Case Studies; Part IV: The Way Ahead Chapter 10: The Way Ahead Chapter 11: Postscript: Profiling a Complex Acquisition Program; References; Index; Back cover |
| Sommario/riassunto | With their ability to cross traditional boundaries and achieve a level of functionality greater than their component elements, mega-systems have helped corporations and government organizations around the world resolve complex challenges that they otherwise couldn't address with stand-alone systems. Engineering Mega-Systems: The Challenge of Systems Engineering in the Information Age provides a clear understanding of the engineering of this class of systems-a process that demands consideration of increasing program scale and the rapid change of underlying technologies. |