

1. Record Nr.	UNINA9910877094403321
Autore	Bell Steve <1960 Sept. 30->
Titolo	Lean enterprise systems : using IT for continuous improvement // Steve Bell
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, 2006
ISBN	1-280-23564-0 9786610235643 0-470-32366-3 0-471-75646-6 0-471-75645-8
Descrizione fisica	1 online resource (456 pages)
Collana	Wiley series in systems engineering and management
Disciplina	658.5
Soggetti	Manufacturing processes Process control Management information systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A John Wiley & Sons, Inc., publication." Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	LEAN ENTERPRISE SYSTEMS; Contents; Foreword, by Carol Ptak; Preface: The Goal of This Book; Part One: Building Blocks of the Lean Enterprise; 1. Lean and IT: the Human Factor; A Healthy Process; Back to Chicago; Where Points of View Intersect; 2. Realizing the Value of Lean; Elimination of Waste; Dr. Deming and Continuous Improvement; Theory of the Month Club; The Economic Impact of Lean; Beyond Manufacturing; Why Is IT Important for Lean?; 3. Three Stages of Lean Evolution; Stage 1: Lean Operations; Stage 2: Lean Enterprise; Stage 3: Lean Network; Stage 4: IT and Lean Maturity 4. Fundamentals of Production and Inventory Management The Product/Process Continuum; Inventory Management Basics; Bill of Materials (BOM); Material Requirements Planning (MRP); Sales and Operations Planning (S&OP); Master Production Scheduling (MPS); Capacity Planning; The Integrated Planning Process; The Lean Transformation; 5. Lean Planning and Execution; The Need for Careful Planning in a Lean Environment; Flow Production Basics; The Lean

Planning Model; Kanban Essentials; The Lean Job Shop; Discontinuous Scheduling; Theory of Constraints (TOC); Bringing It All Together
Variations on a Lean Theme: CONWIP, SMP, and POLCA
Searching for the Right Scheduling Software?; The Transition to Lean; Part Two: Building Blocks of Information Systems; 6. Charting the Enterprise Software Universe; Enterprise Resource Planning (ERP); Customer Relationship Management (CRM); Product Lifecycle Management (PLM); Product Configurator; ERP, CRM, and PLM Working Together; The Copernican View; 7. Integrating the Value Streams; 8. Managing Knowledge for Competitive Advantage; Part Three: Managing Change with IT; 9. The Event-Driven Lean Enterprise; Automated Data Capture
Event Management
10. Linking Strategy with Action: Performance Management; The Hunt for ROI; The Painful Annual Ritual; Sales and Operations Planning; Lean Accounting; The Balanced Scorecard; How Performance Measurement Leads to Performance Management; Hoshin Planning; The Matrix Organization; The Ideal Performance Management System; 11. Lean IT: Applying Continuous Improvement to Information Systems; The Challenges of Traditional IT; What is Lean IT?; Guiding Change with Lean IT; Applying Lean IT to the Lean Enterprise;
Postscript: Zen and the Art of Lean; The Search for Quality
A Prescription for Lasting Change
Acknowledgments; Acronyms; Endnotes; Index

Sommario/riassunto

Learn how Lean IT can help companies deliver better customer service and value
Lean Enterprise Systems effectively demonstrates how the techniques derived from Lean Manufacturing, combined with the thoughtful application of information technology, can help all enterprises improve business performance and add significant value for their customers. The author also demonstrates how the basic concepts of Lean Manufacturing can be applied to create agile and responsive Lean IT.
The book is divided into three parts that collectively explore how people, processes, and technology combine
