## Contents

Preface	vii
Acknowledgments	xiii
Chapter 1: Introduction	1
Part I: Emerging Trends in Business	13
Part I Case: The FBI's Virtual Case File	13
Chapter 2: Data, Information, and Knowledge	
Flow in Business Processes	16
Chapter 3: Return on Investment in Technology	41
Part II: Understanding Business Processes	59
Part II Case: DoD's Software Procurement From CSC	59
Chapter 4: The Past, Present, and Future of	
Business Process Redesign	62
Chapter 5: Business Process Modeling	
Approaches and Diagrams	79
Part III: Changing Business Processes	107
Part III Case: IBM Global Financing's Credit Issuance Process	107
Chapter 6: Selecting a Target for Successful	
Business Process Redesign	110
Chapter 7: Representing Information and Knowledge	
in Business Processes	123
Chapter 8: Redesigning Business Processes	136
Part IV: Technology-Based	
Business Process Implementation	153
Part IV Case: Investars, Inc.'s Outsourcing of	
Programming to Belarus	153
Chapter 9: Using IT to Enable New Process Designs	156
Chapter 10: Redesigning Little Italy Restaurants	176

Part V: Advanced Technology Issues	195
Part V Case: Denver International Airport's	
Baggage Handling System	195
Chapter 11: Database Design Concepts and Issues	198
Chapter 12: Object-Oriented Design Concepts and Issues	215
Chapter 13: Business Process Automation With ASP	229
Chapter 14: Conclusion	251
Appendix A: Complete ASP Code Examples	263
Appendix B: Answers to Review Questions	293
Bibliography	299
Index	313
About the Author	321