

# Contents

Preface      xiii

Acknowledgments      xxvii

## Introduction

|          |   |
|----------|---|
| Action   | 5 |
| Thinking | 6 |
| Context  | 6 |

## PART I A LEADERSHIP PERSPECTIVE      9

### Chapter 1: The Law of Unintended Consequences      11

|   |    |
|---|----|
| Introduction                                | 11 |
| What Is the Law of Unintended Consequences? | 12 |
| Management Systems                          | 14 |
| The Challenge                               | 23 |
| Summary                                     | 24 |
| Notes                                       | 25 |

### Chapter 2: Leadership and Change in an Integrated Business World      27

|   |    |
|---|----|
| Introduction  | 28 |
| The Universe Outside, the Universe Within                       | 28 |
| The Journey   | 29 |
| The Evolution of Integrated Programs for Continuous Improvement | 31 |
| A Deeper Look into Integration                                  | 32 |
| MRP II Comes to the Mainstream                                  | 32 |
| The Move to IT-Related Applications Solutions                   | 34 |

|   |           |
|---|-----------|
| Leaders and the Leadership Gap  | 35        |
| Summary   | 41        |
| Notes   | 42        |
| <b>Chapter 3: A Historical Business Perspective of ERP</b>                        | <b>43</b> |
| Introduction  | 43        |
| Legacy Systems (1960–1970/1990)   | 45        |
| It's All about the Back Office: Getting a Single Version of the Truth (1970–1990) | 46        |
| Improving the Business (1990–2000)  | 47        |
| The Business Suite: Enriching the Functionality (1996–2005)                       | 50        |
| Getting Information and Analysis out of the Data Ocean (1997–2007)                | 51        |
| Corporate Reporting and Dashboards (2007–Today)                                   | 52        |
| The Era of Governance: Implications for the Future                                | 53        |
| Summary   | 54        |
| Notes   | 59        |
| <b>PART II CONTEXTUAL ANALYSIS</b>  | <b>57</b> |
| <b>Chapter 4: Return on Investment—Developing the Business Case</b>               | <b>59</b> |
| Introduction  | 60        |
| Example 1: Cost Reduction   | 61        |
| Example 2: Greater Manufacturing Capacity Leading to Increased Sales              | 63        |
| Providing Business Value to an Enterprise   | 64        |
| Summary   | 74        |
| Note  | 75        |
| <b>Chapter 5: Business Process Analysis</b>                                       | <b>77</b> |
| Introduction  | 77        |
| Where Are We Headed?  | 78        |
| Business Process Design   | 80        |
| Process Understanding Reveals Complexity  | 82        |
| Business Process Management   | 83        |
| Skills to Include   | 84        |
| A Plan for Action   | 89        |
| Summary   | 90        |
| Notes   | 90        |

|  |            |
|--|------------|
| <b>Chapter 6: Business Culture, Politics, and Organization</b> | <b>91</b>  |
| Introduction   | 91         |
| Cultural Barriers and Enablers                                 | 92         |
| Keys to Understanding Culture, Politics, and Organization      | 94         |
| Compiling Insights Gained                                      | 102        |
| Relating These Insights to the Project Itself                  | 103        |
| Summary  | 105        |
| Notes  | 105        |
| <b>Chapter 7: IT Strategy Review</b>                           | <b>107</b> |
| Introduction   | 107        |
| An Example of a Flawed IT Strategy                             | 108        |
| What the Introduction of ERP Meant                             | 110        |
| A Better Way   | 111        |
| Empowering the Future by Optimizing the Past                   | 117        |
| Summary  | 118        |
| Note   | 119        |
| <b>Chapter 8: Workforce Education and Readiness</b>            | <b>121</b> |
| Introduction   | 121        |
| The Workforce as a Learning Organization                       | 122        |
| Workforce Education  | 125        |
| Business Education in an integrated Business World             | 130        |
| Summary  | 133        |
| <b>PART III A NEW PROGRAM GOVERNANCE APPROACH</b>              | <b>135</b> |
| <b>Chapter 9: Integration of Organizational Needs</b>          | <b>137</b> |
| Introduction   | 138        |
| Approach to the Analysis Process                               | 140        |
| Consolidation  | 146        |
| Summary  | 148        |
| <b>Chapter 10: Developing a Governance Process</b>             | <b>149</b> |
| Introduction   | 150        |
| Leadership Challenges  | 150        |
| Program Governance Process                                     | 151        |
| Continuous Improvement Programs                                | 160        |
| Summary  | 163        |

|   |            |
|---|------------|
| <b>Chapter 11: Organizational Change Management</b> | <b>165</b> |
| Introduction  | 165        |
| Expanding the Role of OCM                           | 166        |
| Organizational Change Management with Leaders       | 168        |
| The Trusted Adviser                                 | 169        |
| Change Management Process                           | 170        |
| Summary   | 177        |
| <b>Chapter 12: Conclusions and Opportunities</b>    | <b>179</b> |
| The Journey   | 179        |
| The Next Step                                       | 181        |
| Leadership  | 183        |
| The Path Forward                                    | 184        |
| The Law of Unintended Consequences                  | 186        |
| How Insights Relates to Manufacturing               | 191        |
| The Story Is Economic                               | 191        |
| Summary   | 192        |
| Notes   | 193        |
| <b>Postscript</b>                                   | <b>195</b> |
| <b>About the Authors</b>                            | <b>201</b> |
| <b>About the Website</b>                            | <b>207</b> |
| <b>Index</b>  | <b>209</b> |