

# Contents

Foreword	xiii
Acknowledgments	xvi
About the Author	xix

## **PART I Start at the Beginning—The Business**

<b>1</b>	<b>The Innovation Imperative</b>	<b>3</b>
	Focus on Growth	4
	Focus on Process Is Key	8
	Summary	11
<b>2</b>	<b>What Is Flex-pon-sive*?</b>	<b>13</b>
	What Does Flex-pon-sive* Mean?	13
	Business Response: What Does It Take to Be a Winner?	19
	Summary	21
<b>3</b>	<b>Deconstructing Your Business: Component Business Model</b>	<b>23</b>
	Competing in an Era of Specialization	24
	Patterns of Success	36
	Leveraging CBM to Deliver Value	37
	Summary	39

## **PART II A Flexible Business Requires Flexible IT**

<b>4</b>	<b>SOA as the DNA of a Flex-pon-sive* and Innovative Company</b>	<b>43</b>
	What Is Service Oriented Architecture?	44
	Competing on Flexibility	51
	SOA Connectivity for Flexibility	60
	Reuse Through SOA for Flexibility	61
	The SOA Reference Architecture	65
	Why SOA Projects Succeed and How to Leverage Their Lessons	69
	Summary	73
<b>5</b>	<b>SOA Key Concepts</b>	<b>75</b>
	Interoperability Standard: Web Services	76
	Business Service Registry and Repository	81
	Enterprise Service Bus (ESB)	84
	Tying It All Together: Services, Connectivity Through Your ESB, and the BSRR	101
	The SOA Lifecycle Drives IT Flexibility	102
	Summary	103
<b>6</b>	<b>SOA Governance and Service Lifecycle</b>	<b>105</b>
	What Is Governance?	106
	The Alignment Challenge Made Real	110
	Alignment Vision for the Future	111
	The SOA Governance Challenge	114
	The SOA Governance Link to Service Lifecycle Management	123
	Governance and Lifecycle Management Linked Through the Service Registry and Repository	130
	How to Get Started	132
	Summary	133

7	Three Business-Centric SOA Entry Points	135
	Business Process Management as an Entry Point	136
	Final Insight into IBM	152
	Information as an Entry Point	157
	Collaboration as an Entry Point	167
	The Bottom Line: The New Language of Business	173
	Summary	177
8	What about Web 2.0 and SOA? Are They Related?	179
	What Is Web 2.0?	180
	Web 2.0 and SOA: Advantage for Flexibility	185
	The Web as the Next Platform	190
	Business Models Enabled	191
	Summary	198

### **PART III How to Implement Flex-pon-sive\* in Your Business**

9	The Top 10 Don'ts!	201
	1. Don't Expect Maximum Business Flexibility Without SOA	202
	2. Don't Just Do Technology—It Is a Transformation of the Way You Do Business	203
	3. Don't Throw Everything Out!	205
	4. Don't Bite Off Too-Big Projects	206
	5. Don't Forget to Set Expectations	207
	6. Don't Expect to Do This Without a Culture Modification Through Governance	212
	7. Don't Forget the Right Skills	214
	8. Don't Expect the Flexibility Without Open Standards	216
	9. Don't Do This Alone—Leverage Partners Who Have Experience	217
	10. Don't Forget the Importance of the First Project—Plan Ahead	220
	Summary	220

10	Case Study: IBM	223
	The Background	224
	The Governance Model	227
	The Journey	230
	The First Project	231
	SOA and Reuse Are Alive	232
	Set Expectations	234
	Business Impact Metrics	236
	The Cultural Change	238
	The Right Skills	240
	Summary	242
11	Putting It All Together	243
	Growth, Business Flexibility, and Innovation Are the Results of a Flex-pon-sive* Company	244
	Now, How Do You Convince the Business	246
	SOA and Web 2.0 Become the Enablers	248
	Learning from Other Companies Is Critical Around the Entry Points	250
	Unlock the Business Value Multiplier	267
	Governance Is Critical	274
	Infrastructure and Management Complete the Picture	277
	Summary	279
	Glossary	283
	Index	291