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978-0-521-14750-7 - Smart Products, Smarter Services: Strategies for Embedded Control

Mary J. Cronin

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Smart Products, Smarter Services

We are surrounded by products that have minds of their own. Computing power, in the form of microcontrollers, microprocessors, sensors, and data-storage chips, has become so cheap that manufacturers are building connectivity and embedded intelligence into all types of consumer goods. These “smart products” are fundamentally changing both the competitive landscape for business and the daily lives of consumers. This book analyzes the evolution of smart products to help managers understand the impact of embedded product intelligence on corporate strategy, consumer value, and industry competition. It describes four different ecosystem strategies for designing and launching smart products: the control-focused *Hegemon*, the standards-focused *Federator*, the high-growth and brand-focused *Charismatic Leader*, and the disruptive industry *Transformer*. This ecosystem model is then applied to smart products in the automotive, wireless, energy, residential, and health industries. The book concludes with recommendations for successfully managing smart products and services.

MARY J. CRONIN is Professor of Management in the Information Systems Department at the Carroll School of Management, Boston College. Her research analyzes the intersection of business strategy and technology, with a focus on industry transformation from technology triggers such as the Internet, wireless networking, and embedded product intelligence. She is the author of numerous books, including *Doing Business on the Internet* (1994) and *Unchained Value* (1999).

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To Scott: my best chum and partner in all things

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Frontmatter

[More information](#)

Contents

<i>List of figures</i>	page viii
<i>List of tables</i>	ix
<i>Acknowledgments</i>	x
1 Evolution of embedded intelligence	1
2 Smart product ecosystems	34
3 Embedded product controls	70
4 Intelligent automobiles	103
5 Smartphones and wireless services	135
6 Energy: imbalance of power	169
7 Smart home vision and reality	201
8 Connected machines and consumer value	233
9 Smart product privacy issues	262
10 Strategies for managing smart products and services	295
<i>References</i>	316
<i>Index</i>	328

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[More information](#)

Figures

2.1	Primary smart ecosystem dimensions	<i>page 39</i>
2.2	Smart ecosystem model framework	45
10.1	Availability of Federated platforms for smart products	297
10.2	An information-hoarding smart product platform	308
10.3	A transparent information smart product platform	309

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Frontmatter

[More information](#)

Tables

3.1	Smart product modes of control	<i>page 74</i>
3.2	Selected patents covering Nestlé's Nespresso machine and its capsules	87
8.1	High-value features for enterprise M2M smart services	244
8.2	High-value features for consumer smart services	249

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[More information](#)

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