

INTERNATIONAL  
EDITION



# E-Marketing

SEVENTH EDITION

Judy Strauss • Raymond Frost



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*Seventh Edition*

# **E-MARKETING**

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*Judy: To my girls, Cyndi and Malia*

*Raymond: To my boys, David, Raymond, and Luke*

# BRIEF CONTENTS

*Preface* 14

## **PART 1 E-Marketing in Context 17**

*Chapter 1* Past, Present, and Future 19

*Chapter 2* Strategic E-Marketing and Performance Metrics 47

*Chapter 3* The E-Marketing Plan 73

## **PART 2 E-Marketing Environment 89**

*Chapter 4* Global E-Markets 3.0 91

*Chapter 5* Ethical and Legal Issues 117

## **PART 3 E-Marketing Strategy 149**

*Chapter 6* E-Marketing Research 151

*Chapter 7* Connected Consumers Online 188

*Chapter 8* Segmentation, Targeting, Differentiation, and Positioning Strategies 213

## **PART 4 E-Marketing Management 241**

*Chapter 9* Product: The Online Offer 243

*Chapter 10* Price: The Online Value 265

*Chapter 11* The Internet for Distribution 291

*Chapter 12* E-Marketing Communication: Owned Media 325

*Chapter 13* E-Marketing Communication: Paid Media 364

*Chapter 14* E-Marketing Communication: Earned Media 392

*Chapter 15* Customer Relationship Management 423

*Appendix A* Internet Penetration Worldwide as of December 31, 2011 459

*Appendix B* Glossary 465

*Appendix C* References 478

*Index* 486

# CONTENTS

*Preface* 14

## **Part 1 E-Marketing in Context 17**

### **Chapter 1 PAST, PRESENT, AND FUTURE 19**

<i>E-Marketing Landscape</i>	21
What Works?	21
Internet 101	23
E-Marketing Is Bigger than the Web	24
E-Marketing Is Bigger than Technology	24
<i>E-Marketing's Past: Web 1.0</i>	26
The E Drops from E-Marketing	28
Marketing Implications of Internet Technologies	29
<i>E-Marketing Today: Web 2.0</i>	30
Power Shift from Sellers to Buyers	30
Customer Engagement	34
Content Marketing	35
Inbound Marketing	35
New Technologies	36
Exciting New Technology-Based Strategies	38
Other Opportunities and Challenges in Web 2.0	39
<i>The Future: Web 3.0</i>	40
Semantic Web	40
Stepping Stones to Web 3.0	42
<i>Read on</i>	44

### **Chapter 2 STRATEGIC E-MARKETING AND PERFORMANCE METRICS 47**

<i>Strategic Planning</i>	49
Environment, Strategy, and Performance	50
Strategy	50
<i>From Strategy to Electronic Strategy</i>	51
<i>From Business Models to E-Business Models</i>	52



- E-Business Models* 52
  - Value and Revenue 53
  - Menu of Strategic E-Business Models 54
- Performance Metrics Inform Strategy* 60
- The Balanced Scorecard* 62
  - Four Perspectives 63
  - Applying the Balanced Scorecard to E-Business and E-Marketing 63
- Social Media Performance Metrics* 67
  - Awareness/Exposure Metrics 68
  - Brand Health Metrics 69
  - Engagement Metrics 69
  - Action Metrics 69
  - Innovation Metrics 70
- Measurement Tools* 70

**Chapter 3 THE E-MARKETING PLAN 73**

- Overview of The E-Marketing Planning Process* 75
- Creating an E-Marketing Plan* 75
  - The Napkin Plan 76
  - The Venture Capital E-Marketing Plan 76
- A Seven-Step E-Marketing Plan* 77
- Step 1—Situation Analysis* 78
- Step 2—E-Marketing Strategic Planning* 79
- Step 3—Objectives* 81
- Step 4—E-Marketing Strategies* 81
  - The Offer: Product Strategies 81
  - The Value: Pricing Strategies 82
  - Distribution Strategies 82
  - Marketing Communication Strategies 83
  - Relationship Management Strategies 83
- Step 5—Implementation Plan* 83
- Step 6—Budget* 84
  - Revenue Forecast 84
  - E-Marketing Costs 85
- Step 7—Evaluation Plan* 85

---

**Part 2 E-Marketing Environment 89****Chapter 4 GLOBAL E-MARKETS 3.0 91**

<i>Overview of Global E-Marketing Issues</i>	93
Global Markets	94
Emerging Economies	96
Importance of Information Technology	97
<i>Country and Market Opportunity Analysis</i>	98
Diaspora Communities	98
E-Commerce Payment and Trust Issues	99
Infrastructure Considerations	101
<i>Technological Tipping Points</i>	103
Legacy Technologies: Computers and Telephones	103
<i>Wireless Internet Access: Mobile Phones</i>	104
Smartphones	106
Broadband	107
<i>The Digital Divide</i>	108
<i>Building Inclusive E-Markets</i>	110
<i>Social Networking</i>	113

**Chapter 5 ETHICAL AND LEGAL ISSUES 117**

<i>Overview of Ethics and Legal Issues</i>	119
Ethics and Ethical Codes	120
The Problem of Self-Regulation	121
<i>Privacy</i>	123
Privacy Within Digital Contexts	124
International Privacy Issues	129
<i>Digital Property</i>	132
Patents	132
Copyright	133
Trademarks	135
Licenses	137
Trade Secrets	139
Data Ownership	140
<i>Online Expression</i>	141
<i>Emerging Issues</i>	143
Online Governance and ICANN	143
Jurisdiction	143
Fraud	144

---

## **PART 3 E-Marketing Strategy 149**

### **Chapter 6 E-MARKETING RESEARCH 151**

- Data Drive Strategy 153*
- Big Data 154*
- Marketing Knowledge Management 155*
  - The Electronic Marketing Information System 157
  - Source 1: Internal Records 158
  - Source 2: Secondary Data 160
  - Source 3: Primary Data 166
- Other Technology-Enabled Approaches 179*
  - Client-Side Data Collection 179
  - Server-Side Data Collection 180
- Real-Space Approaches 181*
- Marketing Databases and Data Warehouses 182*
- Data Analysis and Distribution 183*
- Knowledge Management Metrics 185*

### **Chapter 7 CONNECTED CONSUMERS ONLINE 188**

- Consumers in the Twenty-First Century 190*
- Consumer Behavior Online 191*
- Inside the Internet Exchange Process 193*
  - Technological Context 193
  - Social and Cultural Contexts 199
  - Legal Context 202
  - Individual Characteristics and Resources 202
  - Internet Exchange 205
  - Exchange Outcomes 205

### **Chapter 8 SEGMENTATION, TARGETING, DIFFERENTIATION, AND POSITIONING STRATEGIES 213**

- Segmentation and Targeting Overview 215*
  - Three Markets 215*
    - Business Market 216
    - Government Market 217
    - Consumer Market 217
-



<i>Market Segmentation Bases and Variables</i>	217
Geographic Segments	219
Important Geographic Segments for E-Marketing	219
Demographic Segments	221
Psychographic Segments	224
Behavior Segments	230
<i>Targeting Online Customers</i>	234
<i>Differentiation Online</i>	236
<i>Online Positioning Bases</i>	238

## **PART 4 E-Marketing Management 241**

### **Chapter 9 PRODUCT: THE ONLINE OFFER 243**

<i>Many Products Capitalize on Internet Properties</i>	246
<i>Creating Customer Value Online</i>	246
<i>Product Benefits</i>	247
Attributes	247
Branding	248
Support Services	258
Labeling	258
<i>E-Marketing Enhanced Product Development</i>	259
Customer Codesign via Crowdsourcing	259
Internet Properties Spawn Other Opportunities	261
New-Product Strategies for E-Marketing	261

### **Chapter 10 PRICE: THE ONLINE VALUE 265**

<i>The Internet Changes Pricing Strategies</i>	267
<i>Buyer and Seller Perspectives</i>	268
Buyer View	268
Seller View	271
<i>Payment Options</i>	279
<i>Pricing Strategies</i>	282
Fixed Pricing	283
Dynamic Pricing	284
Renting Software	288
Price Placement on Web Pages	288

---

**Chapter 11 THE INTERNET FOR DISTRIBUTION 291**

- Distribution Channel Overview* 293
- Online Channel Intermediaries* 293
  - Content Sponsorship 294
  - Infomediary 296
  - Intermediary Models 296
- Distribution Channel Length and Functions* 308
  - Functions of a Distribution Channel 309
  - Distribution System 314
- Channel Management and Power* 316
- Distribution Channel Metrics* 317
  - B2C Market 317
  - B2B Market 322

**Chapter 12 E-MARKETING COMMUNICATION: OWNED MEDIA 325**

- E-Marketing Communication* 327
  - Integrated Marketing Communication (IMC) 327
  - IMC Goals and Strategies 328
  - Traditional Marketing Communication Tools 330
  - Owned, Paid, and Earned Media 331
- Owned Media* 333
- Content Marketing* 334
  - Web Site 335
  - Web Site Landing Pages 336
  - Mobile sites 338
  - Web Site Chat 338
  - Blogs 339
  - Support Forums/Communities 341
  - Podcasts 342
  - E-Mail 342
  - Permission Marketing: Opt-In, Opt-Out 344
  - Rules for Successful E-Mail Marketing 345
  - Spam 346
  - Privacy 346
  - Text Messaging 348
  - Online Events 349
- Sales Promotion Offers* 349
  - Coupons 349

---

Sampling	350
Contests, Sweepstakes	350
Virtual Worlds	350
Online Games	351
Online Gifting	351
Branded Mobile Apps	351
QR Codes and Mobile Tags	351
Location-Based Marketing	352
Social Networks	352
<i>Coordinating Internet and Traditional Media IMC Plans</i>	<i>355</i>
Search Engine Optimization	355
<i>Owned Media Performance Metrics</i>	<i>360</i>
Sales Promotion Metrics	360
Direct Marketing Metrics	361

## **Chapter 13 E-MARKETING COMMUNICATION: PAID MEDIA 364**

<i>Paid Media</i>	<i>366</i>
<i>Trust in Paid Media</i>	<i>366</i>
<i>Internet Advertising Trends</i>	<i>367</i>
<i>Paid Media Formats</i>	<i>368</i>
Display Ads	370
Rich Media Ads	371
Contextual Advertising	371
E-Mail Advertising	372
Text Link Ads	372
Sponsored Content	372
Classified Ads	373
Product Placement	373
Emerging Formats	374
<i>Social Media Advertising</i>	<i>374</i>
Paid Media on Facebook	375
Facebook Sponsored Stories	376
Social Ads	376
Twitter's "Promoted Tweets," "Trends," and "Accounts"	376
LinkedIn Advertising	377
Advertising in Second Life	377
Paid Media in Online Videos	377
<i>Mobile Advertising</i>	<i>378</i>

---



- Paid Search* 380
- Which Media to Buy?* 383
  - Effective Internet Buys 383
  - Efficient Internet Buys 384
- Paid Media Performance Metrics* 385
  - Effectiveness Evidence 387
  - Metrics Example 387

**Chapter 14 E-MARKETING COMMUNICATION: EARNED MEDIA 392**

- Earned Media* 394
- User Engagement Levels* 394
- Engaging Individuals to Produce Earned Media* 396
- Who Should a Company Engage?* 396
  - Social Media Influencers 397
  - Traditional Journalists 397
- Techniques for Engaging Users* 398
  - Viral Marketing 399
  - Viral Blogging 402
  - Multimedia Sharing 402
  - Wikis 403
  - Ratings and Reviews 403
  - Social Recommendations and Referrals 404
  - E-Mail 405
  - Social Media Site Discussions 406
  - Community Discussion/Forums 408
  - Widgets and Social Apps 408
  - Location-Based Services (LBS) 409
- Collaborative Content Creation by Consumers* 410
- How Do Companies Entice Engagement?* 411
  - Provide High-Quality, Timely, Unique, and Relevant Information 412
  - Create Entertaining Content 412
  - Offer Competitions 412
  - Appeal to Altruism 412
  - Make an Exclusive Offer 413
  - Reward Influentials and Fans 413
  - Incentivize Group Behavior 413
- Reputation Management Online* 414
  - Which Reputations Matter? 416

---

Build, Maintain, Monitor, Repair, Learn	416
Reputation Management Systems	418
<i>Earned Media Performance Metrics</i>	418
Social Media Dashboard	419

## **Chapter 15 CUSTOMER RELATIONSHIP MANAGEMENT 423**

<i>Building Customer Relationships, 1:1</i>	425
<i>Relationship Marketing Defined</i>	425
<i>Stakeholders</i>	426
<i>Three Pillars Of Relationship Marketing</i>	427
<i>Customer Relationship Management (CRM 1.0)</i>	428
<i>Social Customer Relationship Management (CRM 2.0)</i>	428
CRM Benefits	429
<i>Crm Building Blocks</i>	431
1. CRM Vision	432
2. CRM Strategy	434
3. Customer Experience Management	435
4. Customer Collaboration Management	437
5. Organizational Collaboration	438
6. CRM Processes	440
7. CRM Information	443
8. CRM Technology	444
9. CRM Metrics	452
<i>Ten Rules For CRM Success</i>	454

<i>Appendix A Internet Penetration Worldwide as of December 31, 2011</i>	459
<i>Appendix B Glossary</i>	465
<i>Appendix C References</i>	478
<i>Index</i>	486

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# PREFACE

## WHAT'S NEW IN THIS EDITION

This book presents e-marketing planning and marketing mix tactics from a strategic and tactical perspective. Part 1 begins with setting the context for marketing planning. Part 2 discusses legal and global environments. Part 3 begins the e-marketing strategy discussion in depth, and Part 4 continues with marketing mix and customer relationship management strategy and implementation issues.

This edition reflects the disruption to the marketing field based on social media. The seventh edition is a major revision from the sixth. There are many new topics, as dictated by changes in e-marketing practice in the past 2 years. The following are important changes for this edition:

- The previous edition social media chapter was deleted so this topic could be more appropriately integrated throughout the text.
- Many new business models were added and described in detail, such as social commerce (and Facebook commerce), mobile commerce and mobile marketing, social CRM, crowdsourcing, and many important but less pervasive models (e.g., crowdfunding, freemium, flash sales).
- Chapters 12, 13, and 14 were completely rewritten to reflect the move from traditional marketing communication tools to the way practitioners currently describe IMC online: owned, paid, and earned media.
- Chapter 1 includes many new and interesting technologies providing marketing opportunities, both in the Web 2.0 and in 3.0 sections.
- Statistics about internet use and strategy effectiveness were extensively updated throughout every chapter.
- There are two new chapter-opening vignettes, many new images in every chapter, and updated “Let’s Get Technical” boxes.
- There are new discussion questions about each chapter opening vignette.
- A few of the additional chapter specific additions include more social media performance metrics (Chapter 2), “big data” and social media content analysis (Chapter 6), new consumer behavior theory and “online giving” as a new exchange activity (Chapter 7), social media for brand building (Chapter 9), and app pricing and Web page pricing tactics (Chapter 10).

## FOCUS OF THIS BOOK

The internet, combined with other information technologies, created many interesting and innovative ways to provide customer value since its inception in 1969. Social media for marketing communication, commerce and customer support; one-to-one communication to many different receiving devices; mobile computing; search engine optimization; consumer behavior insights based on offline and online data combination; inventory optimization through CRM–SCM integration; a single-minded focus on ROI and associated performance metrics and the explosion of social media are all on the cutting edge of e-marketing as we write the seventh edition of this textbook and they continue to develop as important strategies.

As internet adoption matured at about 85 percent in the United States in the past few years, we thought things would be pretty quiet on the internet frontier. Then the social media appeared, holding marketers to their Holy Grail that customer needs and wants are paramount. High-readership blogs, social networks (such as Facebook, Twitter and LinkedIn), microblogs (such as Tumblr), and online communities (such as YouTube and ePinions.com) give consumers the opportunity to be heard in large numbers and to begin controlling brand conversations. A.C. Nielsen and others have discovered that consumers trust each other more than they trust companies, fueling the growth of social media and sending more traffic to some Web sites than does Google. Further, search engines are reputation engines, ranking Web sites partially according to popularity and relevancy. A simple brand misstep can appear as an online video showing a product malfunction or in the words posted by thousands of disgruntled customers. Conversely, marketers can use the Web, e-mail, and social media to build stellar brand images online and increase sales both online and offline. To do this, marketers must now learn how to engage and listen to buyers, and use what they learn to improve their offerings. This book tells you how to do this.

The book you have in your hands is the seventh edition of *E-Marketing* (the first edition was named *Marketing on the Internet*). This textbook is different from others in the following important ways:

- We wrote the first edition of this book in 1996, providing a long-term perspective on e-marketing not available in any other book.



- We explain electronic marketing not simply as a list of ideas, strategies, and techniques, but as part of a larger set of concepts and theories in the marketing discipline. In writing this book, we discovered that most new terminology could be put into traditional marketing frameworks for your greater understanding.
- The text focuses on cutting-edge business strategies that generate revenue while delivering customer value. As well, we reflect current practice by devoting many pages to performance metrics that monitor the success of those strategies.
- We highly recommend that marketers learn a bit about the technology behind the internet, something most of us are not drawn to naturally. For example, knowledge of the possibilities for mobile commerce will give savvy marketers an advantage in the marketplace. This book attempts to educate you, the future marketers, gently in important technology issues, showing the relevance of each concept.
- This book describes e-marketing practices in the United States, but it also takes a global perspective in describing market developments in both emerging and developed nations. Much can be learned from other industrialized nations that lead in certain technologies, such as wireless internet access and faster broadband connectivity.
- Most e-marketing books do not devote much space to law and ethics; we devote an entire chapter to this, contributed by a practicing attorney.

## HOW TO USE THIS BOOK

Read, think, explore, and learn. This is not a typical book because the internet is a quickly and ever-changing landscape. Each time we write a new edition we know that by the time it is published some things will already be outdated. To be successful in this course, read and study the material and then go online to learn more about topics that interest you. Think about your use of the internet, the iPhone, iPad, and other technologies and how e-marketers use them to gain your attention, interest, and dollars. Next time you visit Facebook.com, see what kind of ads are there and think about why they were shown to you and not to some of your friends. If you use Hulu.com, Netflix, or a DVR and skip television commercials, think about how producers can afford to provide free programming if consumers don't view the ads that support the production costs.

This kind of critical thinking and attention to your own online behavior will help you understand the e-marketer's perspective, strategies, and tactics better. You likely know a lot about the internet that is not in this book, so work to compare and contrast it to the ideas we present and you'll have a really broad and deep perspective on e-marketing. Most importantly, think like a marketer when you read this book.

## HOW THE BOOK HELPS YOU LEARN

Here are some things in this book that may help your learning of e-marketing concepts:

- **Marketing concept grounding.** In each chapter we structure material around a principle of marketing framework and then tell how the internet changed the structure or practices. This technique provides a bridge from previously learned material and presents it in a framework for easier learning. In addition, as things change on the internet, you will understand the new ideas based on underlying concepts. Although social media has really disrupted the marketing field, our basic processes remain the same (e.g., understanding markets through research and developing products that add value).
  - **Learning objectives.** Each chapter begins with a list of objectives that, after studying the chapter, you should be able to accomplish.
  - **Best practices from real companies.** A company success story starts each chapter. You will find these to be exciting introductions to the material, so don't skip them. New case histories for this edition offer current examples of firms that do it right.
  - **Graphical frameworks in each chapter.** We created unique e-marketing visual models to show how each chapter fits among other chapters in the entire part. In addition, several chapters feature models for within-chapter understanding. We hope these help you tie the concepts together.
  - **Chapter summaries.** Each chapter ends with a summary of its contents. Although these summaries capsule the chapter guts, they were not created so that you will read them in lieu of the chapter content. Use them as refreshers of the material.
  - **Key terms.** These terms are set in bold text within the chapter to signal their importance and Appendix B is a complete glossary.
-

- **Review and discussion questions.** Questions at the chapter end will help you refresh and think more deeply about the material. Check them out, even if your instructor doesn't assign them because they will likely help you study for an exam.
- **Web activities.** When you become actively engaged in the material, learning is enhanced. To this end we included several activities and internet exercises at the end of each chapter.
- **Appendices.** Most people don't brag about appendices, but we included three important ones: internet adoption statistics, a thorough glossary, and book references.

For supplements accompanying this book, visit: [www.pearsoninternationaleditions.com/strauss](http://www.pearsoninternationaleditions.com/strauss)

We hope you enjoy reading this book as much as we enjoy writing it!

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Other individuals contributed significantly to this book's content. The late Brian O'Connell contributed the interesting and timely "Ethical and Legal Issues" chapter for the fourth edition, and Lara Pearson and Inna Wood revised it for this edition. Al Rosenbloom wrote the fascinating chapter on "Global eMarkets 3.0." Special thanks to Adel I. El-Ansary at the University of North Florida and Brett J. Trout, Esq., for their expert assistance on earlier editions of this book. Cyndi Jakus single-handedly obtained permission to reprint many of the images in this book. Marian Wood also assisted with some of the material in the book. We also acknowledge the contribution of Jacqueline Pike to the "Let's Get Technical" boxes. Finally special thanks to Henry Mason, Global Head of Research and Managing Partner of Trendwatching.com, for his generosity in providing cutting edge text and examples to begin each chapter.

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## ABOUT THE AUTHORS

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P A R T

1

# E-Marketing in Context







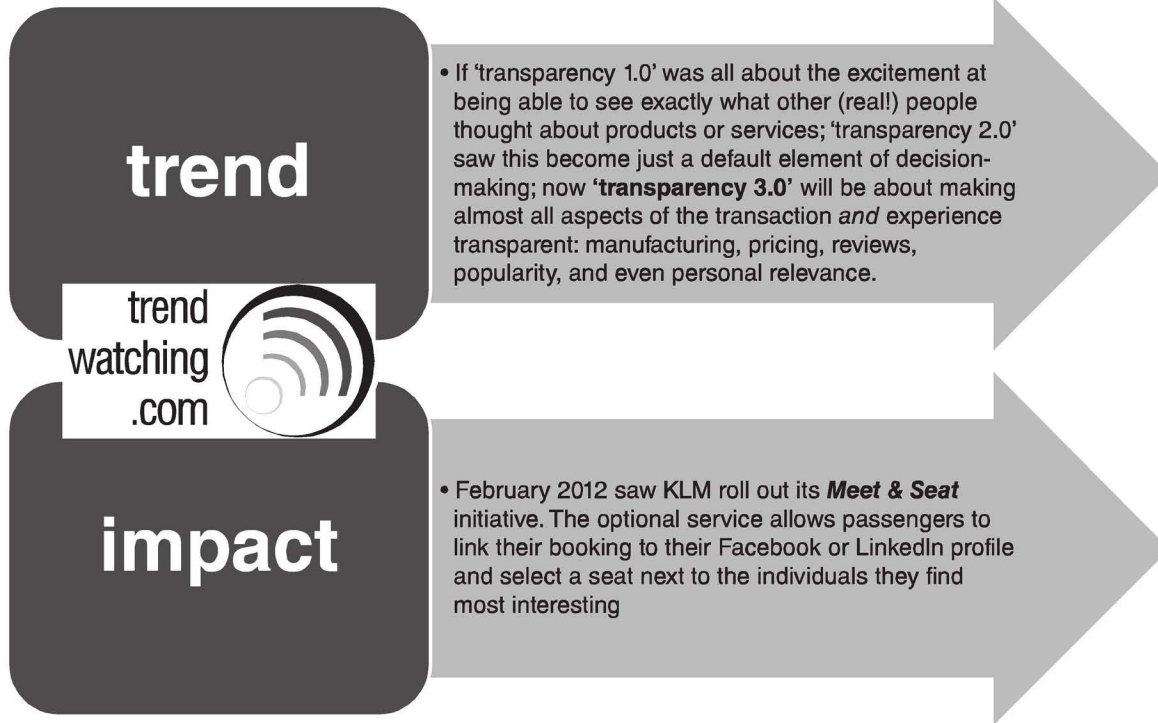
# Past, Present, and Future

The key objective of this chapter is to develop an understanding of the background, current state, and future potential of e-marketing. You will learn about e-marketing's important role in a company's overall integrated marketing strategy.

**After reading this chapter, you will be able to:**

- Explain how the advances in internet and information technology offer benefits and challenges to consumers, businesses, marketers, and society.
- Distinguish between e-business and e-marketing.
- Explain how increasing buyer control is changing the marketing landscape.
- Understand the distinction between information or entertainment as data and the information-receiving appliance used to view or hear it.
- Identify several trends that may shape the future of e-marketing, including the semantic Web.





## The Barack Obama Campaign Story

U.S. President Obama made history by his use of e-marketing to win the election in 2008, and his 2012 efforts added higher levels of sophistication. His 2008 campaign used a mix of media: broadcast (\$244.6 million), print (\$20.5 million), internet (\$26.6 million), and miscellaneous (\$133.2 million), according to OpenSecrets.org. In 2012, both presidential candidates spent an average of 28.7 percent of their media dollars on internet strategies (an increase from 6.3 percent in 2008). They also used door-to-door personal selling, public relations when interviewed by the media and speaking at events, radio ads, e-mail, a poster, t-shirts, a campaign song, a slogan, and the now famous Obama chant—"Yes We Can."

Many of Obama's 2008 and 2012 internet strategies targeted 18- to 29-year-old voters, because 93 percent of this market is online and uses the internet to get information, upload content, and connect with friends. They are heavy smartphone and social media users. Obama's campaigns brilliantly mobilized this market through

forums and social networks, such as Facebook and Twitter. A special 2008 community site where users could create a profile and connect with others was designed. The headline of this page read "It is About You" and continues as a space for supporters to create change in America.

In 2012, Obama dug more deeply into social media. He shared playlists on Spotify, posted recipes on Pinterest, and showed heartwarming, small family video clips on Tumblr. Both candidates maintained Twitter accounts to interact with voters. Obama's campaign staff built a digital database with information about millions of supporters. This allowed for personal communication targeting. The campaign managers were also very careful to guard the privacy of these data.

Knowing the heavy use of mobile phones in this market, Team Obama used mobile devices for text messaging, interactive voice response, and mobile banner ads. Obama reached voters via opt-in text messages in 2008, such as mobile banner ads inviting users to sign up to receive a text message as

soon as the team selected its vice presidential candidate. “Be the first to know,” the banner ad said. This line showed Obama’s astuteness because he tapped into a key value in the target market. Obama was honest, direct, personable, and up front in his campaign, and this generated trust in this young-voter market. It worked in both elections, as evidenced by the following performance metrics:

- 2008: The vice president opt-in text banner resulted in the database capture of 2.9 million cell phone numbers from supporters, according to mobilemarketer.com.
- 2008: During the campaign, My.BarackObama.com hosted nearly 10,000 local groups, 20,000 volunteer blog pages, and 4,000 special-interest groups, according to WiderFunnel.com.
- 2008: Two-thirds of all the campaign funds raised came from the online channel (\$500 million of \$750 million total), according to Desktop-Wealth.com.
- 2012: Obama’s Facebook account displayed over 33 million “likes” and 1.5 million talking about it.
- 2012: The Obama YouTube video channel had over 286,000 subscribers and 288 million upload views.

- 2012: Some of Obama’s Tumblr posts received over 70,000 “notes,” “likes,” or reposts.

Why do we begin this book with a campaign story? Because politicians are products, promoting their benefits to consumers in hopes that they’ll “purchase” with a vote. Obama’s use of e-marketing is a stellar example for businesses and demonstrates the internet’s changing landscape. Obama’s campaign selected an important target market, made it all about them (the customers), reached them via the media they prefer (social media and mobile), and created a dialog with them, often initiated by them—versus the corporate one-way monologue on many Web sites. The 2008 campaign successfully mobilized voters to start the conversations themselves and build their own groups, both online and offline, in a perfect example of creating brand advocates. Finally, both campaigns used performance metrics to measure the success of their strategies and tactics. And it worked, because Obama made the sale twice: Nominee Obama became President Obama.

*Sources:* NYTimes.com, politico.com, candidates’ social media pages, and others listed within this text.

## E-MARKETING LANDSCAPE

The Obama example demonstrates that some marketing principles never change. Companies must meet the needs of their customers. Further, markets always welcome good products and demand good company–customer communication. Customers trust well-respected brands and talk to other people about them. What is new is that these classic concepts are enhanced and often more challenging when applied to social media, huge databases, mobile devices, and other internet technologies.

### What Works?

The rapid growth of the World Wide Web (basis for “www.”) in the 1990s, the subsequent bursting of the dot-com bubble, and mainstreaming of the internet and related technologies created today’s climate: the comprehensive integration

of e-marketing and traditional marketing to create seamless strategies and tactics. This provides plenty of profitable opportunities, as discussed in the following sections. This chapter is just a sampling of what you’ll find in later chapters.

- ***The customer is CEO.*** After all those years of marketers talking about the customer being their focus, finally this has become a reality. The consumer is now in charge. This power shift means that companies must be transparent, be authentic, monitor online discussion about brands, and engage customers to help improve products (a strategy called crowdsourcing).
- ***E-commerce.*** U.S. consumers spent an estimated \$194.3 billion online during 2011, representing 4.6 percent of all retail sales and a 16 percent increase over 2010. Over 70 percent of connected consumers



use the internet to buy products, bank, make travel reservations, or research products before buying. Mobile commerce sales in 2012 were predicted to reach \$11.6 billion, growing to \$31 billion by 2015.

- **Advertising online.** Online advertising is a bigger part of advertisers' media budgets than every other medium except television. Marketers spent \$31 billion on online advertising in the United States in 2011. Mobile advertising is the fastest growing category, nearly doubling from the first half of 2011 to 2012 (from \$636 million to \$1.2 billion).
  - **Search engine marketing.** This marketing tactic is hugely important. Paid search accounts for 47 percent of online advertising budgets (i.e., purchasing keywords that present ads on search engine results pages). Google gets the lion's share of the user search market at 67 percent, and most e-marketers use search engine optimization to be sure their sites appear near the top of the first page of the search engine results pages for natural searches.
  - **Owned, paid, and earned media.** Marketing communication planning now involves owned (e.g., Web sites), paid (e.g., banner ads), and earned (e.g., blogs and Facebook posts) media. The traditional marketing communication tools of advertising, sales promotion, personal selling, direct marketing, and public relations are used within this new context to generate earned media.
  - **Mobile marketing.** Seventy-seven percent of American adults now have mobile phones, providing plenty of profitable opportunities for smartphone applications and advertising. When added to mobile computing (iPads and netbooks), the wireless internet offers users anytime, anywhere access for consumers—and where consumers go, marketers follow.
  - **User-generated content.** Now a huge part of online content, this includes everything from consumer-created commercials and product improvement suggestions to YouTube videos, Flickr photos, iTunes podcasts, as well as all the text on blogs, social networks, and user review sites (such as the Amazon.com book reviews).
  - **Social media communities.** These communities gather users with like-minded interests for conversation and networking. This includes social networking sites such as LinkedIn, Twitter, and Facebook and social media sites such as Wikipedia, YouTube, Yahoo! Answers, and more. Marketers use these sites to build brands and engage customers.
  - **Content marketing.** Marketers are becoming publishers, creating content on Web sites and in social media to attract and engage prospects and customers. Some companies publish small items, such as videos, press releases, and blog posts. Others create lengthy white papers, infographics, and eBooks. Content is king and customer engagement online is queen.
  - **Local and location-based marketing.** These efforts work well online, thanks to Google local search, Foursquare, eBay classifieds, and the hugely popular Craigslist. Smartphone users can easily find a local business with a global positioning system (GPS) and the Google application or check into local businesses with Foursquare.
  - **Brand transparency.** This means that marketers are rewarded for being honest, open, and transparent in their communication with internet users. Those who are not get called out under the bright lights of the blogosphere, product review sites, and elsewhere in the social media.
  - **Inbound marketing.** The days of "interrupt" marketing are waning, such as spam and television commercials. Consumers are not waiting for marketing messages. Inbound marketing strategies are about enticing consumers to find companies online (more in this chapter).
  - **Metrics rule.** Web analytics and many other techniques allow marketers to keep track of every mouse click and use it to improve strategy efficiency and effectiveness. There
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are millions of metrics and marketers select the most appropriate for their objectives and tactics and follow them daily.

## Internet 101

Technically speaking, the **internet** is a global network of interconnected networks. This includes millions of corporate, government, organizational, and private networks. Many of the servers (hard drives and software) in these networks hold files, such as Web pages and videos, that can be accessed by all networked computers. Every computer, cell phone, or other networked device can send and receive data in the form of e-mail or other digital files over the internet. These data move over phone lines, cables, and satellites from sender to receiver. One way to understand this process is to consider the internet as having three technical roles: (1) content providers who create information, entertainment, and so forth that reside on Web servers or computers with network access; (2) users (also known as *client* computers) who access content and send e-mail and other content over the network (such as a Facebook comment); and (3) technology infrastructure to move, create, and view or listen to the content (the software and hardware). Note that individuals can be both users and content providers at various times so the line between roles 1 and 2 is slowly disappearing. In *E-Marketing* we stopped capitalizing the word *internet*. Following *Wired Magazine's* suggestion, we agree that the internet is not a place (requiring a proper noun's capitalization) but a medium, similar to radio and television.

There are three types of access to the internet:

1. **Public internet**—The global network that is accessible by anyone, anywhere, anytime.
2. **Intranet**—A network that runs internally in a corporation but uses internet standards such as HTML and browsers. Thus, an intranet is like a mini-internet but with password protection for internal corporate consumption.

3. **Extranet**—Two or more proprietary networks that are joined for the purpose of sharing information. If two companies, or a company and its suppliers or customers, link their intranets, they would have an extranet. Access is limited to extranet members.

E-business, e-marketing, and e-commerce are internet applications. **E-business** is the optimization of a company's business activities using digital technology. Digital technologies include products and services, such as computers and the internet, which allow the storage and transmission of data in digital formats (1s and 0s). In this book, we use the terms *digital technology* and *information technology* interchangeably. E-business involves attracting and retaining the right customers and business partners. It permeates business processes, such as product buying and selling. It includes digital communication, e-commerce, and online research, and it is used in every business discipline. **E-commerce** is the subset of e-business focused on transactions that include buying/selling online, digital value creation, virtual marketplaces and storefronts, and new distribution channel intermediaries. Mobile commerce (M-commerce) and social commerce are subsets of e-commerce (discussed in Chapter 11).

E-marketing is only one part of an organization's e-business activities. **E-marketing** is the *use of information technology* for the marketing activity, and the processes for creating, communicating, delivering, and exchanging offerings that have value for customers, clients, partners, and society at large. More simply defined, *e-marketing* is the result of information technology applied to traditional marketing. E-marketing affects traditional marketing in two ways. First, it increases efficiency and effectiveness in traditional marketing functions. Second, the technology of e-marketing transforms many marketing strategies, as shown in the Obama example. This transformation also results in new business models that add customer value and/or increase company profitability, such as the highly successful Craigslist, Facebook, Twitter, and Google AdSense advertising models.



However, e-marketing involves much more than these basic technologies and applications.

### E-Marketing Is Bigger than the Web

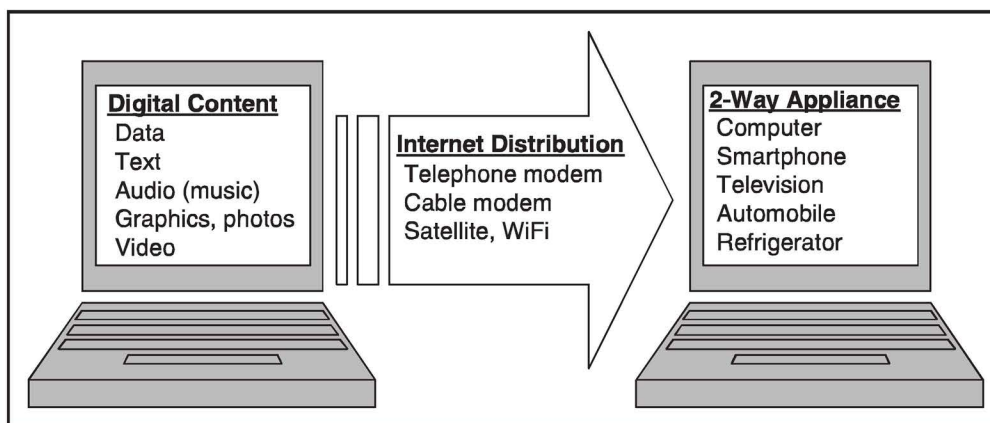
The Web is the portion of the internet that supports a graphical user interface for hypertext navigation, with browsers such as Internet Explorer and Mozilla Firefox. The Web is what most people think about when they think of the internet. Electronic marketing reaches far beyond the Web. First, many e-marketing technologies exist without the Web, which include mobile apps, software and hardware used in customer relationship management, supply chain management, and electronic data interchange arrangements pre-dating the Web. Second, non-Web internet communications such as e-mail, internet telephony (e.g., Skype), and text messaging are effective avenues for marketing. Some of these services can also use the Web, such as Web-based e-mail; however, most professionals do not use the Web for e-mail (preferring software such as Microsoft Outlook). Third, the internet delivers text, video, audio, and graphics to many more information-receiving appliances than simply personal computers (PCs). As shown in Exhibit 1.1, these forms of digital content also go over the internet infrastructure to the television, personal digital assistants, cell phones, and even the refrigerator or automobile. Finally, offline electronic data-collection devices, such as bar-code scanners and databases, receive and send data about customers and products over an intranet.

It is helpful to think of it this way: Content providers create digital text, video, audio, and graphics to send over the internet infrastructure to users who receive it as information, entertainment, or communication on many types of appliances. As marketers think outside of the Web and realize that most users are also now content providers, they find many new possibilities for creating products that provide value and communicate in ways that build relationships with customers.

### E-Marketing Is Bigger than Technology

The internet is like a watering hole for humans. We come for easy, inexpensive, and quick access to digital information, connections, and entertainment, and in turn it transforms individuals, businesses, economies, and societies. This book focuses on the union of technology and marketing; however, a brief overview of the big picture is useful for understanding e-marketing's impact.

**INDIVIDUALS** The internet provides individual users with convenient and continuous access to information, entertainment, networking, and communication. If “information is power,” individuals have more power than ever before, as many companies experience. Consumers compare product features and prices using search engines and read product reviews from other consumers at epinions.com, Facebook, and other sites. Further, consumers use the internet to bring music, movies, and other types of entertainment



**EXHIBIT 1.1** The Web Is Only One Aspect of E-Marketing

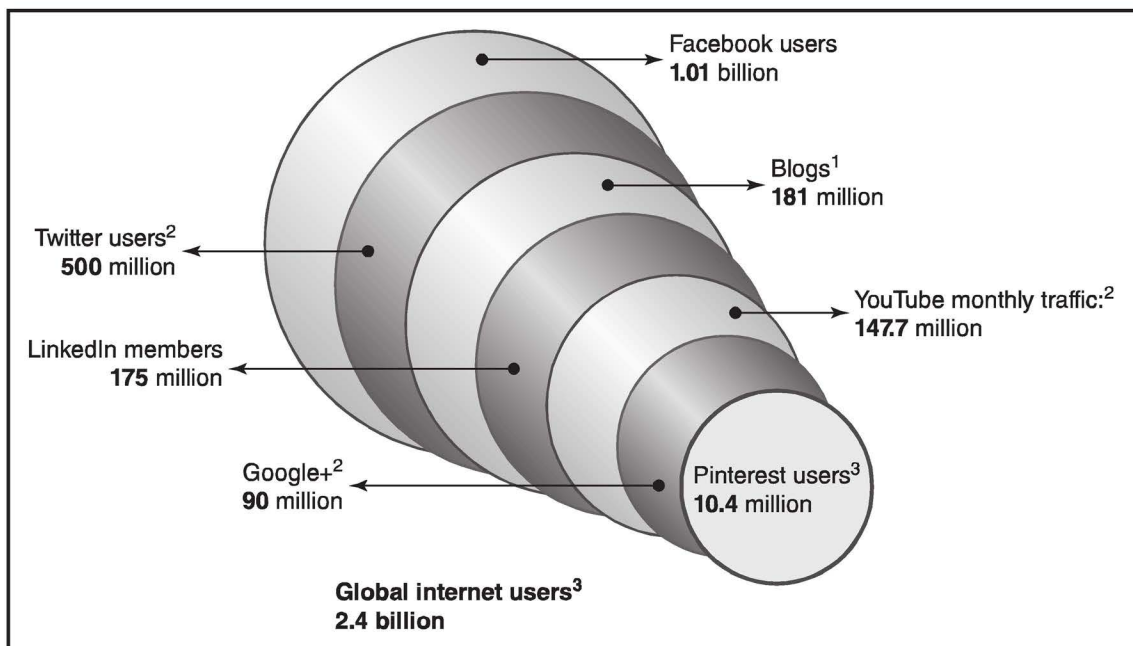


directly to their PCs, iPads, and televisions—on their schedule and preferred receiving device, not those of the medium distributor. Finally, the internet enables multimedia one-to-one communication through e-mail, internet-based telephone services, collaborative software such as NetMeeting, and more. The internet continues to affect the way many individuals work, communicate, and consume, and marketers scramble to provide value and earn a piece of the profits.

**COMMUNITIES** Strangers in countries worldwide form online communities to discuss a variety of things, facilitated by the internet. Consumers pay fees to compete in highly engaging multimedia games as mobile apps or on the Web and virtual worlds online, such as Second Life. Communities form around shared photos (Flickr), videos (YouTube), and individual or company profiles (Facebook). See Exhibit 1.2 for an idea of the huge number of internet users belonging to online communities. Companies and consultants gain exposure to customers on Web logs (blogs). **Blogs** are online diaries, or journals, frequently

updated on Web pages. Micro sites and micro blogs, such as tumblr.com and twitter.com, allow individuals to follow each other's short posts and link uploads. Business communities also abound online, especially around shared industries or professions (such as ELMAR for marketing professors). Another example of online communities is auctions in both business and consumer markets. Finally, independent, private communities have formed around peer-to-peer file sharing. Individuals upload, share, and collaborate on documents and files at Google Docs and Dropbox from far away geographic locations.

**BUSINESSES** The digital environment enhances business processes and activities across the entire organization. Employees across disciplines work together in cross-functional teams worldwide using computer networks to share and apply knowledge for increased efficiency and profitability. Financial experts communicate shareholder information and file required government statements online. Human resources personnel use the internet for electronic recruiting and training—in



**EXHIBIT 1.2** Internet Communities in 2012 Sources: <sup>1</sup> "Buzz in the Blogosphere," 2012. Available at [blog.nielsen.com](http://blog.nielsen.com) <sup>2</sup> Miel Opstal, "10 Social Networks and a Bunch of Stats," 2012. Available at [slideshare.net](http://slideshare.net) <sup>3</sup> [internetworldstats.com](http://internetworldstats.com). All those without footnotes were obtained from the sites themselves.

fact, 89 percent of recruiters use search engines to learn more about candidates and 70 percent have eliminated prospects based on what they found (according to CareerThoughtLeaders.com). Production and operations managers adjust manufacturing based on the internet's ability to give immediate sales feedback—resulting in just-in-time inventory and building products to order.

Strategists at top corporate levels leverage computer networks to apply a firm's knowledge in building and maintaining a competitive edge. Digital tools allow executives easy access to data from their desktops and show results of the firm's strategies at the click of a mouse.

**SOCIETIES** Digital information enhances economies through more efficient markets, more jobs, information access, communication globalization, lower barriers to foreign trade and investment, and more. The internet's impact is not evenly distributed across the globe. The top 10 nations account for 56 percent of all usage (see Appendix A). In these countries, adoption rates range from 10 percent (India) to 84 percent (United Kingdom). Asia has the highest proportion of all internet users, at 45 percent—the next closest is Europe at 22 percent (according to internetworldstats.com). Stories abound about indigenous peoples in remote locations gaining health, legal, and other advice or selling native products using the internet (see Chapter 4). Clearly, the internet is having a huge, but unequal, worldwide impact on various societies.

A networked world creates effects that some see as undesirable. Societies change as global communities form based on interests, and worldwide information access slowly decreases cultural and language differences. Some say that the existence of a truly global village will have the effect of removing cultural differences, which is seen as negative. As well, many in the United States are concerned by the high degree of technology outsourcing. This inevitable result of a global economy, greased by the internet, means there will continue to be big changes in many countries.

Easy computer networking on mobile devices from any location means that work and

home boundaries are blurring. Although this option makes working more convenient, it may encourage more workaholicism and less time with friends and family. Yet another issue is the digital divide—the idea that internet adoption occurs when folks have enough money to buy a computer, the literacy to read what is on Web pages, and the education to be motivated to do it. Internet critics are justifiably concerned that class divisions will grow, preventing the upward mobility of people on lower socioeconomic levels and even in entire developing countries. Meantime, governments are working to solve some of these problems, but they have other important worries, such as how to collect taxes and tariffs when transactions occur in cyberspace in a borderless world. Finally, the problems of **spam** (unsolicited e-mail), online fraud, and computer viruses slow down the positive impact of the internet and e-marketing practices. These kinds of problems are the unavoidable results of all new technologies.

## E-MARKETING'S PAST: WEB 1.0

The internet is over 40 years old. Started in 1969 as the ARPANET, it was commissioned by the U.S. Department of Defense's Advanced Research Projects Agency (ARPA) as a network for academic and military use. The first online community, the USENET, began 10 years later. Over 800 million messages from that early community are now archived in Google Groups. The first Web pages and internet browsers appeared in 1993 and that was the internet's tipping point. This was Web 1.0: Organizations created content on Web pages and in e-mail and users consumed the content. Companies, media, and users flocked to this new Web, and it grew more quickly than had radio, television, or any other medium previously (Exhibit 1.3).

This first generation of e-business was like a gold rush. Start-ups and well-established businesses alike created a Web presence and experimented plenty. Many companies quickly attracted huge sales and market shares, but only a handful brought anything to the bottom line. In early 2000, many firms experienced 12-month sales growth between 100 percent and 500 percent



1969	ARPANET commissioned by U.S. Department of Defense for academic and military use.
1975	First mailing list created to use the new computer network.
1979	USENET established to host discussions. First post in 1981. Later managed by Google Groups (800 million archived messages).
1984	Number of connected computer hosts reaches 1,000.
1987	Number of connected computer hosts reaches 10,000. First e-mail connection with China.
1988	First computer virus, affects 10% of the 60,000 hosts.
1993	Early Web sites appear and business and media take notice.
1994	First banner ads, "Jerry and David's Guide to the World Wide," appear on hotwired.com (later named Yahoo!).
1995	eBay opens its doors and disrupts the classified advertising business.
2000	Napster.com shows the world that peer-to-peer networking can work. Businesses show that e-commerce doesn't always work (the dot-com crash).
2002	Running your own blog is now considered hip.
2003	Recording Industry Association of America (RIAA) sues 261 people for illegal music downloading.
2004	16% of the world's population uses the internet. Businesses figure out how to be profitable with e-business models.
2012	34.3% of the world's population is online. Internet usage in industrialized nations reaches maturity. Social media use moves the balance of power from organizations to internet users.

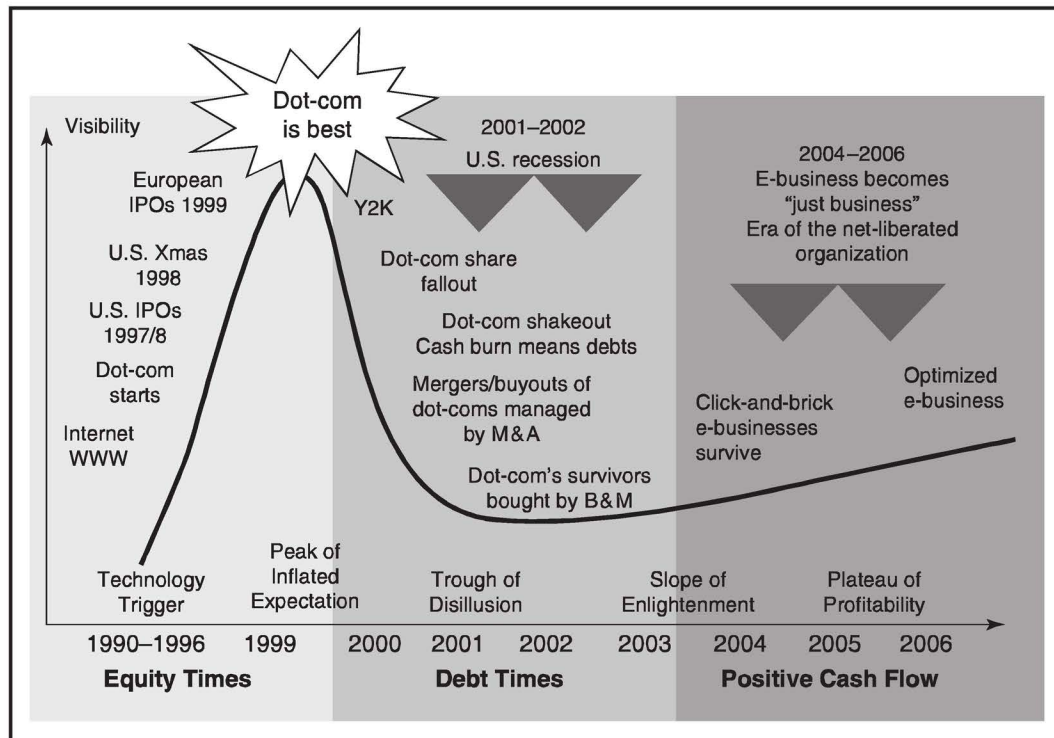
**EXHIBIT 1.3** Internet Timeline for Interesting and Amusing Facts *Source:* Some of this information is from Hobbes's Internet Timeline (available at zakon.org). Internet adoption rates are from internetworldstats.com.

with negative profits. Between early 2000 and 2002, however, more than 500 internet firms shut down in the United States alone, owing to the so-called dot-com bust. After the bust dust had settled, almost 60 percent of the public dot-com companies making it through hard times were profitable by the fourth quarter of 2003.

Brick-and-mortar retailers, such as the bookseller Barnes & Noble and Wall Street investment firms, may have felt relief as their online competitors were failing, but quickly noted that internet technologies had fundamentally changed the structure of their and several other industries. In what *BusinessWeek* called the "first wave of internet disruption," firms such as Amazon, Expedia, E\*TRADE, and the former CDNow (purchased by Amazon) transformed the

way books, travel, investments, and music were sold ("E-Biz Strikes . . ." 2004). Disrupted industries in the first wave generally offered tangible products that were easily compared online and purchased for the lowest price.

Having gone through the boom and the bust in developed nations (the internet is still booming in many emerging economies), businesses then entered what Gartner, Inc., called the *slope of enlightenment* (Exhibit 1.4). It was a time when marketers returned to their traditional roots, relying on well-grounded strategy and sound marketing practices, but using information technology in ways that increased the company's profit—no more throwing money at ideas that don't return a desired amount on investment. During the dot-com shakeout from 2000 to 2002, industries



**EXHIBIT 1.4** 2001 Gartner Hype Cycle (Climbing the Slope to E-Business Recovery)  
 Source: Gartner, Inc. Hype Cycle for E-Commerce, 2010, Gene Alvarez, August 3, 2010.  
 Note: Gartner material speaks as of the date of publication and is subject to change without notice.

experienced much consolidation (the Gartner “Peak of Inflated Expectation” and subsequent “Trough of Disillusionment” in Exhibit 1.4). Some firms, such as Levi Strauss, stopped selling online both because it was not efficient and because it created *channel conflict* between manufacturer Sears Roebuck and Company and other long-time retail customers. Other firms merged, with the stronger firms typically acquiring smaller ones.

### The *E* Drops from E-Marketing

Gartner predicted that the *e* would drop, making electronic business just part of the way things are done (refer to Exhibit 1.4). This means that e-business is just business, and e-marketing is just marketing. This is now mostly true, as evidenced by the majority of marketing managers and executives who say that online marketing is an integral part of the company’s marketing effort. However, e-business and e-marketing will always have their unique models, concepts, and

practices (and that is why we’ve not dropped the *E* from the name of this book).

Markets and traditional marketing practices continue to change, sometimes in fundamental ways, due to information technology. For instance, the concept of online search is intrinsic to e-marketing, continues to evolve, and has important implications that marketers must understand. However, most marketing processes stand the test of time—technology has just given them a new twist. Marketing research is greatly enhanced with online data collection, but the process of identifying research problems, collecting data, and using the results to make marketing decisions will never change. In short, marketers must stay well grounded in the discipline and simultaneously be current on new information technologies and changing e-marketing concepts to remain competitive. This is necessary because the moment marketers feel comfortable about the *e* dropping, new technologies will challenge traditional practices. For example, the e-marketing landscape is