

Contents

Preface		xvi
Part One: Introduction to Industrial Marketing		
Chapter 1	Introduction to Industrial Marketing	3
Chapter 2	Products, Services and Customers	18
Part Two: Understanding Industrial Markets		
Chapter 3	Demand Issues	37
Chapter 4	Organizational Buying and Buyer Behavior	49
Chapter 5	Buyer-Seller Relationships	76
Part Three: Industrial Marketing – Analysis and Planning		
Chapter 6	Assessing Market Opportunities	97
Chapter 7	Strategic Planning	117
Chapter 8	Market Segmentation, Targeting and Positioning	136
Part Four: Industrial Marketing Mix Elements		
Chapter 9	Product Strategy and New Product Development	155
Chapter 10	Service Design and Delivery	182
Chapter 11	Pricing Decisions	210
Chapter 12	Channel Structure and Dynamics	235
Chapter 13	Logistics Management	261
Chapter 14	Planning the Promotion Mix	282
Chapter 15	Advertising, Sales Promotion and Public Relations	301
Chapter 16	Personal Selling and Direct Marketing	327
Part Five: Industrial Marketing – Evaluation and Control		
Chapter 17	Performance Measurement and Control	349
Part Six: Emerging Trends in Industrial Marketing		
Chapter 18	Business Networks and Technology	367
Chapter 19	Ethics in Industrial Marketing	382
Chapter 20	International Industrial Marketing	400
Glossary		423
Bibliography		441
Name Index		457
Subject Index		461
Suggested Case Studies in Industrial Marketing		466

Detailed Contents

Part One: Introduction to Industrial Marketing

1. INTRODUCTION TO INDUSTRIAL MARKETING	3
Industrial Marketing and Industrial Markets	4
Defining Industrial Marketing.....	4
Understanding Industrial Marketing.....	5
Industrial Marketing vs. Consumer Marketing	5
Product Characteristics.....	7
Buyer Behavior.....	9
Channel Characteristics.....	10
Communication Process.....	10
The Industrial Marketing Environment	12
Technological Environment.....	12
Customer Environment.....	14
Competitive Environment.....	14
Legal/ Regulatory Environment.....	14
Economic Environment.....	14
Responsibilities of the Industrial Marketing Manager	15
Planning.....	15
Coordination and Execution.....	15
Control.....	16
2. PRODUCTS, SERVICES AND CUSTOMERS	18
Types of Industrial Products	19
Major Equipment.....	19
Accessory Equipment.....	20
Raw Materials.....	20
Processed Materials.....	21
Components and Sub-assemblies.....	21
MRO Items.....	22
Business Services	24
Systems Marketing	25
Industrial Customers	25
Commercial Enterprises.....	26
Institutions, Co-operatives, and NGOs.....	27
Government Agencies.....	28

Part Two: Understanding Industrial Markets

3. DEMAND ISSUES	37
Characteristics of Industrial Demand	38
Derived Demand.....	38
Joint Demand.....	39
Fluctuating Demand.....	39
Stimulation of Demand.....	42
Price Sensitivity.....	42
Oligopsony.....	43
Factors Influencing Industrial Demand	43
End Consumers.....	43

Business Conditions of the Customer	44
Financial Conditions of the Customer	44
Price	45
Demand Curves	46
Marketing Efforts and the Demand Curve	46
4. ORGANIZATIONAL BUYING AND BUYER BEHAVIOR	49
The Procurement Function	50
Objectives of the Procurement Function	50
Purchase Policy	52
The Buying Decision Process	53
Need Recognition	53
Product Characteristics	53
Searching for and Qualifying Potential Suppliers	54
Soliciting and Analyzing Proposals	55
Making the Purchase Decision	55
Selecting the Order Routine	55
Evaluating Vendor Performance	55
Types of Buying Situations	56
New Task	56
Straight Re-buy	57
Modified Re-buy	57
Buy-Grid Model	58
Profile of Business Buyers	59
Buying Center	59
Buying Committee	61
Value Analysis	61
Functions of Value Analysis	62
Activities of Value Analysis	63
Vendor Analysis	64
Criteria for Evaluating Potential Vendors	64
Vendor Rating	66
Models of Organizational Buying Behavior	68
Factors Influencing Organizational Buyer Behavior	68
The Sheth Model	68
The Webster and Wind Model	70
The Anderson and Chambers Reward/Measurement Model	72
5. BUYER – SELLER RELATIONSHIPS	76
Uncertainties in Buying Situations	77
Need Uncertainty	77
Market Uncertainty	77
Transaction Uncertainty	78
Evolution of Buyer-Seller Relationships	78
Pre-relationship Stage	78
Exploratory Stage	79
The Development Stage	79
The Stable Stage	80
The Final Stage	80
Implications for Industrial Marketers	80
Types of Buyer-Seller Relationships	81
Transactional Relationships	81
Collaborative Relationships	81

Alliances	82
Reciprocal Relationships.....	82
Managing Relationships with Suppliers	82
Analyzing Supplier Relationships.....	82
Managing the Relationship	84
Dimensions of Supply Strategy.....	84
Managing Relationships with Customers	86
Acquiring the Right Customers.....	86
Developing Customer-specific Propositions	86
Retaining Customers	86
Role of Sales Personnel.....	87
Role of Power in Relationships with Customers.....	88
Managing Relationships with Distributors	89
Conflict and Resolution	91
Problems in Buyer-Seller Relationships	91
Conflict Resolution Strategies.....	92

Part Three: Industrial Marketing – Analysis and Planning

6. ASSESSING MARKET OPPORTUNITIES	97
The Marketing Intelligence System	98
Developing a Marketing Intelligence System	99
Improving a Marketing Intelligence System	100
Marketing Research and Marketing Intelligence System.....	101
Differences between Consumer and Industrial Marketing Research	103
Major Tasks of Industrial Marketing Research	104
Market Share Analysis	104
Market Potential Assessment	105
Determination of Market Characteristics	105
Sales Analysis	106
Forecasting.....	106
The Marketing Research Process	107
Problem Recognition and Definition.....	108
Developing Research Objectives	108
Establishing Study Hypothesis.....	108
Planning the Research Design.....	108
Developing Information Sources	109
Deciding on a Sampling Plan.....	109
Data Collection	110
Data Analysis	112
Presentation of Findings.....	112
Demand Analysis	112
Demand Analysis Techniques.....	113
Common Forecasting Problems	115
7. STRATEGIC PLANNING	117
The Concept of Strategic Planning	118
Integrating Functional Areas.....	118

The Role of Marketing in Strategic Planning	120
The Hierarchy of Strategies	120
Marketing and Cross-functional Relationships	121
Types of Marketing Strategies	123
Product and Market-based Strategies	123
Demand-based Strategies	123
Competitive Strategies	123
The Marketing Planning Process	124
Awareness of Mission	125
Situational Analysis	125
Setting Marketing Objectives	126
Developing Marketing Strategy	126
Developing Marketing Plan	127
Implementing and Controlling Marketing Plan	128
Tools for Designing Business Marketing Strategy	128
Product Life Cycle	129
BCG Growth-Share Matrix	130
GE/McKinsey Nine Cell Matrix	131
Experience Curve	132
Technology Life Cycle	133
8. MARKET SEGMENTATION, TARGETING AND POSITIONING	136
Segmenting Industrial Markets	137
Benefits of Segmentation	137
Criteria for Segmentation	139
Measurability	139
Potential	139
Compatibility	140
Stability	140
Accessibility	140
Bases for Industrial Market Segmentation	140
Macro Bases for Segmentation	140
Micro Bases for Segmentation	141
Nested Approach to Segmentation	143
Evaluating Market Segments	145
Market Profitability Analysis	145
Competitive Analysis	146
Target Marketing Strategies	146
Undifferentiated Marketing Strategy	147
Differentiated Marketing Strategy	147
Concentrated/Target Marketing Strategy	147
Niche Marketing Strategy	148
Positioning	148
Positioning by Technology	149
Positioning by Price	150
Positioning by Quality	150
Positioning by Image, Distribution, or Service	150
Part Four: Industrial Marketing Mix Elements	
9. PRODUCT STRATEGY AND NEW PRODUCT DEVELOPMENT	155
Industrial Product Definition and Characteristics	156
Product Life Cycle	157

Stages of Industrial PLC	157
Characteristics of Industrial PLC	160
Implications for Industrial Marketers.....	161
Determinants of the Product Mix	162
Internal Factors	162
External Factors	163
Managing Industrial Products	165
Product Quality	165
Product Portfolio Analysis	166
Product Policies	167
Product Innovation	170
Why Innovation?.....	170
Factors Affecting Innovation in an Organization	171
Innovation and Competitiveness	172
Technology and Innovation.....	173
New Product Development Process	174
Idea Generation	175
Idea Screening.....	175
Business Analysis	175
Product Development.....	175
Product Testing	176
Commercialization	177
Organizing New Product Development Initiatives	177
Product Manager	177
New Product Committee	178
New Product Department.....	178
New Product Venture Team.....	178
Adoption and Diffusion of New Products	178
Factors Influencing Adoption	179
Factors Influencing Diffusion	180
10. SERVICE DESIGN AND DELIVERY	182
Characteristics of Industrial Services	183
Intangibility	183
Inseparability.....	184
Heterogeneity	184
Perishability	185
Specialization	185
Technology	185
Classification of Services	186
Nature of Service Act.....	187
Type of Relationship between Service Organizations and Customers	187
Nature of Demand and Supply for Services	188
Delivery of Service	188
Service Quality	189
Customer Satisfaction and Loyalty	190
Zero Defections.....	191
Return on Quality.....	192
Services Marketing Mix	192
Product	192
Pricing	194
Promotion.....	194
Place.....	195

People.....	195
Process	196
Physical Evidence	196
Service Design	196
Design of Service Process	196
Design of Physical Environment.....	199
New Service Development	199
Direction	200
Design	201
Testing and Introduction	201
Challenges in Marketing Industrial Services	202
Intangibility	202
Heterogeneity.....	202
Perishability	202
Communicating the Service Offering	202
Implications for Industrial Marketers.....	203
International Industrial Services	203
Classification of International Services.....	204
Technology in International Services.....	206
Issues Facing International Service Providers.....	207
11. PRICING DECISIONS	210
Characteristics of Industrial Pricing	211
Types of Prices	212
List Price	212
Net Price	212
Geographic Pricing	213
Pricing Methods	213
Marginal Pricing	214
Economic Value to the Customer (EVC).....	214
Break-even Analysis	215
Target Return-on-Investment	216
Target Costing.....	216
Cost-plus Pricing.....	217
Supply-Demand Pricing.....	218
Pricing Strategies	218
Cost-based Pricing	219
Market-based Pricing	219
Factors affecting Pricing Strategy	221
Company Objectives and Strategies.....	222
Competition.....	222
Cost	223
Nature of Derived Demand	224
Legal Considerations.....	224
Pricing across the PLC	225
Introductory Stage.....	225
Growth and Maturity Stages	225
Saturation and Decline Stages.....	226
Competitive Bidding	226
Types of Bidding.....	227
Competitive Bidding Procedure	228
Strategies for Competitive Bidding.....	228
Price Negotiation	229
Buyer-Seller Behavior during Negotiation.....	229
Price Negotiation Process	230

Leasing.....	230
Types of Leases.....	231
Advantages of Leasing.....	232
12. CHANNEL STRUCTURE AND DYNAMICS	235
Introduction to Channel Structures	236
Need for Industrial Channels and Intermediaries	236
Characteristics of Industrial Distributors	237
Channel Design.....	237
Channel Length.....	237
Channel Intensity	238
Steps in Channel Design	239
Channel Intermediaries and their Functions.....	241
Serving the Industrial Supplier.....	241
Serving the Industrial Customer.....	242
Types of Channel Intermediaries.....	244
Manufacturer’s Wholesalers	244
Value Added Resellers.....	244
Merchant Intermediaries	245
Agent Intermediaries.....	246
Brokers.....	248
Market Makers	248
Criteria for Selecting Channel Intermediaries	249
Product, Service and Pricing Factors	250
Experience Factors	250
Sales & Size Factors	250
Risk Factors	250
Managing Channel Relationships	250
Channel Conflicts and their Management	252
Sources of Conflicts.....	253
Types of Conflicts.....	255
Conflict Management Strategies.....	257
13. LOGISTICS MANAGEMENT.....	261
Physical Supply and Physical Distribution in Logistics	262
Physical Supply.....	263
Physical Distribution.....	263
Importance of Physical Distribution in Marketing Strategy.....	264
The Total Cost Approach	265
Interrelationships of Logistics Functions	265
Cost Trade-offs	265
Customer Service	266
Elements of Customer Service	266
Customer Service Standards	267
Impact of Customer Service.....	267
Warehousing.....	268
Public Warehouses.....	268
Private Warehouses.....	269
Site Location	269
Transportation.....	269

Modes of Transport	270
Carrier Selection Criteria	271
Inventory Management	271
Determining Inventory Levels	272
Inventory Control	272
Order Processing	274
Order Processing Cycle	275
Technology in Order Processing	275
Coordinating and Managing Logistics	276
Types of Logistics Providers	277
Special Topics in Industrial Logistics	278
Logistics in Government Organizations	278
Logistics in Service Industry	279
International Logistics	279
14. PLANNING THE PROMOTION MIX	282
The Communication Process	283
Components of the Communication Process	283
Marketing Communication Program	285
Establishing Communication Objectives	285
Defining the Target Audience	286
Setting Budget Levels	287
Developing the Message Strategy	289
Designing the Media Strategy	290
Evaluating the Results	291
Elements of Marketing Communications Mix	293
Personal Selling	294
Advertising	294
Sales Promotion	295
Direct Marketing	296
Publicity and Public Relations	297
Role of Literature in Industrial Promotions	298
Planning	298
Production	298
Distribution	299
15. ADVERTISING, SALES PROMOTION AND PUBLIC RELATIONS	301
Functions of Industrial Advertising	302
Creating Awareness	302
Increasing Sales Efficiency	303
Increasing Personal Selling Effectiveness	303
Supporting Channel Members	303
Advertising Planning Process	304
Setting Advertising Objectives	305
Setting Budgets	306
Selecting the Message	308
Developing Media Strategy	311
Evaluating Advertising Effectiveness	313
Sales Promotion	314
Tradeshows and Fairs	314
Sponsorship of Events	316

Catalogs	317
Technical Reports	318
Samples	318
Gifts and Entertainment	318
Public Relations & Publicity	319
Public Relations Planning	319
Target Audience for PR Initiatives	320
Outsourcing the PR Function	324
16. PERSONAL SELLING AND DIRECT MARKETING	327
Role of Personal Selling	328
As a Part of the Product Offering	329
As a Part of the Communications Mix	330
Industrial Selling Process	330
Identifying Potential Customers	331
Selecting Qualified Prospects	331
Pre-approach Preparation	331
Approaching the Prospect	332
Making the Sales Presentation	333
Closing the Sale	334
Follow-up	334
Types of Sales Organizations	335
Customer-based Organization	335
Geography-based Organization	335
Product-based Organization	335
Combination Organization	336
National Account Program	336
Managing the Sales Force	336
The Organizational Hierarchy	336
Recruitment and Selection	337
Training	337
Direction and Motivation	339
Compensation	340
Evaluating Sales Force Performance	341
Direct Marketing	342
Growth of Direct Marketing	342
Direct Marketing and the Communications Mix	343
The Direct Marketing Process	344

Part Five: Industrial Marketing – Evaluation and Control

17. PERFORMANCE MEASUREMENT AND CONTROL	349
The Control Process	350
Developing Performance Standards for Feedback Control	350
Measuring Actual Performance against Standards	352
Taking Corrective Actions	352
Feedforward Control	353
Types of Control	353
Strategic Control	354
Annual Plan Control	355
Efficiency and Effectiveness Control	355
Profitability Control	355
Tools for Marketing Control	356
Marketing Audit	356
Budget	356

Sales Analysis	358
Marketing Decision Support System.....	358
The Balanced Scorecard	361
Benefits of Balanced Scorecard	363

Part Six: Emerging Trends in Industrial Marketing

18. BUSINESS NETWORKS AND TECHNOLOGY	367
Business Networks in Industrial Marketing	368
Industrial Network Model	368
Relationships in Business Networks	371
Economic and Social Dimensions of a Relationship.....	371
Development of Interactions and Relationships.....	372
Technology and Business Networks	373
Technology Management in Business Networks	373
Information Technology in Industrial Marketing	376
Online Marketing	376
Electronic Marketplaces.....	377
E-collaborations	380
19. ETHICS IN INDUSTRIAL MARKETING.....	382
Ethics and Industrial Marketing Management	383
Societal Marketing Concept.....	383
Ethical Issues in Industrial Marketing Research	386
Rights and Obligations of Researchers	386
Rights and Obligations of Sponsors	387
Rights and Obligations of Respondents	388
Ethics and Forecasting	388
Ethical Issues in Buyer-Seller Relationship	391
Ethics in Buying and Selling.....	391
Ethical Concerns Resulting from Close Buyer-Seller Relationships	393
Ethical Issues Facing the Sales Force	393
Ethics in Dealing with Customers.....	393
Ethics in Dealing with Employers.....	394
Ethical Issues in Promotion	395
Comparative Advertising	395
Ethical Issues in International Industrial Marketing	396
Culture and Ethics.....	396
Marketing Mix in International Marketing	397
20. INTERNATIONAL INDUSTRIAL MARKETING.....	400
International Industrial Marketing Environment.....	401
The Economic Environment	402
The Socio-cultural Environment	403
The Political/ Legal Environment	403
The Competitive Environment.....	404
Adaptation vs. Standardization	404
Entry Strategies in International Markets.....	405
Exporting.....	406
Contracting.....	407
Strategic Alliance.....	408
Joint Venture	410

Subsidiary	410
Decision Making in International Industrial Marketing	412
Product Decisions	413
Pricing Decisions	413
Distribution Decisions.....	417
Promotional Decisions	417