

# INDEX

- Abuse defined, 123
- Accountability, 28, 109, 110
- Accounting, treasury, and finance management
- capital budget best practices, 267–271
  - chief accounting officer, roles and responsibilities of, 251
  - chief financial officer. *See* Chief financial officer (CFO)
  - controller, roles and responsibilities of, 251
  - cycle times, 256
  - finance best practices, 259–267
  - finance functions, 253, 254
  - finance strategy, 255
  - goals, 259, 261, 263, 264, 266
  - internal controls, 276–282
  - laws, regulations, standards, and principles, 283–291
  - metrics, 256–259
  - outsourcing, 271–276, 401, 402
  - overview, 251
  - stakeholder voices, 255, 256
  - treasurer, roles and responsibilities of, 251
- Action plans, 109, 110
- Activity-based costing, 10
- Activity network diagrams, 199
- Advertising. *See* Marketing and sales management
- Affinity diagrams (KJ method), 198
- Affirmative action, 244, 415
- Age Discrimination in Employment Act (ADEA), 244, 246, 407, 415
- Agency law, 156
- American Institute of Certified Public Accountants (AICPA), 78, 290, 382
- American Marketing Association (AMA), 15, 16, 165, 185
- American Production and Inventory Control Society (APICS), 161
- American Society for Quality (ASQ), 161, 204
- Americans with Disabilities Act (ADA), 244, 407, 415
- Antitakeover tactics, 97
- Antitrust law, 406
- Association for Financial Professionals (AFP), 291
- Attorneys, 40–42
- Audit committee, 24, 25, 28, 29, 31, 37–39, 42, 50–52, 56–58, 74–76, 101, 284
- Auditors, 29, 35, 36, 38, 40–42, 52, 78, 398, 399
- Balanced scorecards, 8, 309, 311, 312
- Bank Administration Institute (BAI), 78
- Bank Secrecy Act (BSA), 285
- Bar graphs, 196
- Benchmarking
- accounting, treasury, and finance, 261, 262, 272, 274, 275
  - business process, 208, 211, 212, 219–222
  - business processes, 4, 6, 208, 221
  - computer systems, 4, 6, 7, 299, 310, 364, 366–370
  - human resources, 232, 235, 238, 240
  - and identifying best practices, 2, 3, 14, 15
  - information sources, 5, 15, 16
  - lessons learned, 7
  - and management capability model, 14–17
  - manufacturing, 129
  - and outsourcing decisions, 274, 275
  - overview, 1–8
  - and risk management, 61, 63, 64
  - selection of benchmarks, 16
  - service, 142, 148
- Best practices generally, 1–4
- Board of directors, 26–30, 51, 57
- Brainstorming, 192, 199, 201, 242
- Brand management, 167, 176, 177, 179, 180
- Budget, 1, 23, 31, 33, 40, 45, 46, 71, 105, 107, 109, 110, 251, 254, 267–271, 411
- Build-to-order, 132, 135–137
- Business impact analysis (BIA), 70, 372–375
- Business process improvement (BPI), 4–6, 208, 218–221
- Business process management
- benchmarking, 4, 6, 208, 221
  - business process improvement, 4–6, 208, 218–221

## 420 Index

- Business process management (*Continued*)
  - business process reengineering, 208–220
  - overview, 207
  - process champion, 221
  - process owner, 208
  - processes described, 207, 208
  - standards and principles, 224–226
  - tools, 13, 221–224
- Business process reengineering (BPR), 4, 121, 208–220, 264, 271, 272
- Business Roundtable, 19, 30–34, 87, 88, 90, 92, 97
- Business velocity, 13–15
- Buyers, 95, 96
  
- Call centers, 149–151, 173, 175, 178, 180, 402
- CAN-SPAM Act, 184
- Canadian Institute of Chartered Accountants (CICA), 382
- Capital budget, 40, 71, 251, 267–271
- Cause-and-effect diagrams, 197, 222
- Celler-Kefauver Antimerger Act, 183
- Change
  - barriers to, 3
  - management, 118–122, 305, 306
  - organizational culture, 112–118
  - recommendations for, 3, 4
- Charters, 37, 212, 304, 410
- Charting tools, 13, 195–198
- Check sheets, 195, 221, 223
- Chief administrative officer (CAO), 25
- Chief audit executive (CAE), 25, 65
- Chief communications officer, 26, 67
- Chief compliance officer, 26, 67
- Chief design officer, 26, 63
- Chief ethics officer, 26, 82, 83
- Chief executive officer (CEO), 25, 26, 32–34, 50, 108, 260
- Chief financial officer (CFO), 25, 50, 63, 251–253, 260
- Chief Financial Officers Act, 286
- Chief globalization officer, 26, 64, 65, 70, 385, 386
- Chief governance officer (CGO), 25, 34
- Chief information officer (CIO), 25, 64, 293–295, 301–303, 305
- Chief learning officer, 61
- Chief legal officer (CLO), 25, 40, 64, 69
- Chief manufacturing officer, 25, 63
- Chief marketing officer (CMO), 25, 68, 165–167
- Chief operating officer (COO), 25, 127, 128
- Chief organization development officer, 64
- Chief people officer, 26, 61, 229–231
- Chief procurement officer, 26, 63
- Chief quality officer, 26, 63
- Chief research and development officer, 25, 65
- Chief risk officer (CRO), 26, 57, 58, 60, 66
- Chief service officer, 63
- Chief technology officer, 26, 66
- Civil Rights Act of 1964, Title VII, 244, 245, 407
- Civil Rights Act of 1994, 245
- Civil Service Reform Act, 245
- Clayton Antitrust Act, 77, 100, 125, 177, 183, 289
- Clinger-Cohen Act, 287, 376
- Codes of conduct, 34, 82, 84
- Committee of Sponsoring Organizations (COSO), 43, 46–48, 50
- Committees, 39, 40
- Communication
  - internal control standards, 277, 281, 282
  - marketing communications, 168
  - project management, 413
  - risk, 67
  - values and beliefs, 114
- Compensation committee, 24, 39, 101
- Competitive advantage, 5, 6, 137, 167, 176, 240, 251, 294, 303
- Compilation of Federal Ethics laws, 99
- Computer Fraud and Abuse Act, 380
- Computer security incidents, 326–336
- Concurrent engineering (CE), 132, 133, 136
- Conflicts of interest, 29, 85
- Consolidated Omnibus Budget Reconciliation Act (COBRA), 245, 415
- Consumer Product Safety Act, 183, 201
- Contingency planning, 58, 69, 71, 73, 109–111, 198, 341, 371–375
- Continuous improvement
  - accounting, treasury, and finance management, 255, 263
  - and business process benchmarking, 4, 5
  - executives, role of, 34, 40, 83, 253, 295, 386
  - human resources management, 230, 233, 235
  - IT management, 296, 299

- management, role of, 106, 114
- manufacturing and service management, 128, 130, 135, 140, 148, 151
- marketing and sales management, 166, 169
- project management, 412
- quality management, 188, 189
- standards of performance, 122
- Contractors, 93, 94
- Contracts
  - contract risk, 64, 171, 313
  - information technology, 312–314
  - management, 122–125
  - marketing and sales, 170, 171
  - product acquisitions, 123–125
  - project management, 414
  - suppliers, 145
  - types of, 124, 313, 314
- Contracts for the International Sales of Goods (CISG), 406
- Control activities, 277–281
- Control charts, 197, 224
- Control risk, 65
- Copyrights. *See* Intellectual property
- Corporate culture. *See* Organizational culture
- Corporate governance. *See* Governance
- Corporate social responsibility, 97, 98
- Cost-based pricing, 177
- Cost-benefit analysis, 66, 70, 72, 213, 273, 369
- Cost of quality (COQ), 136, 159, 193, 202
- Costs
  - design for low cost, 136
  - and product quality best practices, 192–194
  - project cost management, 411, 412
  - and service quality best practices, 194, 195
  - spend analysis, 152
- Credit-rating agencies, 40, 41, 43
- Creditors, 87, 88
- Crisis management, 34, 69, 107, 271, 371
- Critical path method (CPM), 67, 199, 208
- Critical to Quality (CTQ), 160, 203, 225
- Customer advisory board (CAB), 176
- Customer-focused performance, 12
- Customer relationship management (CRM), 10, 173, 174
- Customer service, 48, 49, 150, 151, 194, 195
- Customer surveys, 8, 95, 172, 195
- Customers
  - ethical concerns in dealing with, 94, 95
  - loyalty, 170, 173–175, 187
  - satisfaction, 190
  - and service quality best practices, 194, 195
- Cycle times
  - and business velocity, 13, 14
  - finance, 256
  - human resources, 232, 233
  - information technology, 296, 297
  - manufacturing, 130, 131
  - marketing and sales, 169, 170
  - overview, 12
  - service management, 148, 149
  - and value chain, 7
- Dashboard scorecards, 10
- Data reengineering, 217, 218
- Davis-Bacon Act, 245, 415
- Decision-making tools, 13, 200, 201
- Define, Measure, Analyze, Improve, and Control (DMAIC), 160, 203, 225
- Delphi technique, 72, 73
- Demand-based pricing, 177
- Deming cycle, 189, 190
- Deming Prize, 204
- Department of Defense, 416
- Department of Homeland Security, 383
- Derivatives, 47, 48
- Design for Six Sigma (DFSS), 160, 203, 225
- Design methods, 129, 132–139, 147, 150, 151, 194, 195
- Design of experiments (DOE), 129, 157
- Diagrams, 196–199, 221, 222, 224
- Digital Era Act, 379
- Digital risk, 66
- Drug-Free Workplace Act, 245
- Due care, 84
- Due diligence, 84
- Due process, 83
- Due professional care, 84
- Duty of care, 27
- Duty of loyalty, 27
- E-commerce, 346–349
- E-mail, 342–347
- Economic analysis, 70, 71, 177
- Economic Espionage and Protection of Proprietary Economic Information Act, 379, 380
- Economic order quantity (EOQ), 142
- Economic value added (EVA), 8, 10
- 80/20 rule, 196, 197, 222

- Electronic Communications Privacy Act, 245, 379
- Electronic data interchange (EDI), 143, 347
- Electronic Funds Transfer Act, 285
- Electronic funds transfer (EFT), 347
- Employee benefits committee, 40
- Employee Polygraph Protection Act, 245
- Employee Retirement Income Security Act (ERISA), 245, 247
- Employees. *See also* Human resources management  
and change management, 118, 121  
ethical concerns, 90, 91
- Employment discrimination laws, 407
- Encryption Communications Privacy Act, 379
- Enterprise resources planning (ERP), 10, 304
- Environmental risk, 67
- Environmental standards, 130, 138, 157
- Equal Credit Opportunity Act, 182
- Equal Employment Opportunity Commission (EEOC), 99
- Equal Pay Act, 246
- Ethics  
AICPA code of ethics, 78  
auditors, 36, 38, 78  
bank auditors, 78  
board of directors, 27, 28, 32  
chief ethics officer, 82, 83  
codes of conduct, 34, 82, 84  
creditors, relationships with, 88  
customers, relationships with, 94, 95  
employees, relationships with, 90–92  
Institute of Internal Auditors, 36  
investment analysts, dealing with, 89, 90  
labor unions, dealing with, 92  
laws, regulations, standards, and principles, 98–102  
marketing and salespeople, relationships with, 96  
mergers and acquisitions, 97  
overview, 81, 82  
principles, 83–85  
purchasing agents, buyers, and commodity/service experts, relationships with, 95, 96  
regulators and government authorities, relationships with, 92, 93  
related-party transactions, 96  
shareholders and investors, relationships with, 87, 88  
social responsibility, 97, 98  
standards, 98, 99  
stock markets, dealing with, 89  
strategy, 85–87  
suppliers, vendors, and contractors, relationships with, 93, 94  
training, 87
- Ethics in Government Act of 1978, 84, 99
- European Union (EU), 406
- Executive vice presidents, 26, 32–34
- Expected value analysis, 70, 71
- Export Administration Act, 405
- Export Enhancement Act, 405
- Export Trading Company Act, 405
- External auditors, 35, 36, 38, 40–42, 52
- Fair Credit Reporting Act, 68, 183, 184, 286
- Fair Debt Collection Act, 285, 286
- Fair Labor Standards Act (FLSA), 246
- Fair Packaging and Labeling Act, 182
- Family and Medical Leave Act (FMLA), 246
- Federal Consumer Credit Protection Act, 182
- Federal Financial Management Improvement Act (FFMIA), 286, 378, 379
- Federal Information Security Management Act (FISMA), 381
- Federal Managers Financial Integrity Act (FMFIA), 286, 378
- Federal Sentencing Guidelines, 99, 100
- Federal Trade Commission Act, 78, 100, 125, 183, 290
- Feedback, 16, 110
- Finance, international, 389
- Finance committee, 39, 40
- Finance management. *See* Accounting, treasury, and finance management
- Financial Accounting Standards Board (FASB), 93, 284
- Financial disclosures, 22, 74, 84, 85, 99, 284
- Financial reporting, 35, 36, 49–55
- Financial risk, 62, 63
- Financial shenanigans, 55–57
- Financial statements, 22, 24, 31, 33, 35–38, 41, 42, 44, 49–57, 62, 89, 251, 260, 264, 276, 284
- Flowcharts, 197, 222
- Focus points (five Ss), 161
- Force-field analysis, 199, 200

- Foreign Corrupt Practices Act (FCPA), 77, 98, 99, 157, 182, 246, 287, 380, 381, 407, 415
- Forward engineering, 217, 218
- Fraud, 49, 55–57, 93, 123
- Fraudulent financial reporting, 49–55
- Freedom of Information Act (FIA), 379
- Functional scorecards, 10
- Gantt charts, 13
- Gap analysis, 66, 70, 71
- Gatekeepers, 40–43
- General managers, roles and responsibilities of, 105–107
- Generally accepted accounting principles (GAAP), 24, 33, 41, 53, 55, 93, 254, 264
- Generally accepted manufacturing practices, 161, 162
- Goal congruence principle, 78, 102, 105, 126, 416
- Golden Rule, 102
- Goldratt, Eliyahu M., 157, 225
- Good faith, 23, 27, 84
- Governance
  - audit committee, 29, 37–39
  - auditors, roles and responsibilities of, 35, 36, 40–42
  - board of directors, 26–32
  - Business Roundtable principles, 23, 24
  - chief governance officer (CGO), 25, 34
  - committee, 39
  - compensation committee, 39
  - control framework, 43–49
  - defined, 19
  - employee benefits committee, 40
  - employee reporting relationships, 24–26
  - finance committee, 40
  - financial reporting, 49. *See also* Fraud; Fraudulent financial reporting
  - gatekeepers, roles and responsibilities of, 40–43
  - information technology, 303, 304
  - laws, regulations, standards, and principles, 73–78
  - nominating committee, 39
  - Principles of Corporate Governance*, 19–23
  - risk management. *See* Risk management
  - special committees, 39
- Government Accounting Standards Board (GASB), 284, 285
- Government agencies, ethical concerns in dealing with, 92
- Government Management Reform Act (GMRA), 287
- Government Performance and Results Act (GPRA), 286
- Gramm-Leach-Bliley Act (GLBA), 68, 184, 290, 381
- Gross domestic product (GDP), 127
- Hardware, 368, 392–396
- Health Insurance Portability and Accountability Act (HIPAA), 68, 184, 246, 376, 377, 416
- Histograms, 195, 196, 224
- House of quality (HOQ), 158, 204, 225, 226
- Human resources management
  - best practices, 239–243
  - chief people officer, 26, 61, 229–231
  - cycle time, 232, 233
  - employee benefits committee, 40
  - employee relations, 90–92
  - functional scorecards, 10
  - human capital risk, 61
  - laws, regulations, standards, and principles, 243–249
  - managing people, keys to, 111
  - metrics, 233, 234, 243
  - overview, 229
  - performance measures, 13
  - project management, 412, 413
  - quality, role in, 192
  - self-assessment, 234–239
  - stakeholder voices, 231, 232
  - strategy, 231
- Immigration Reform and Control Act (IRCA), 246, 416
- Implementation risk, 68
- Improper Payments Information Act, 287
- Industry benchmarking, 5, 6
- Information Quality Act (IQA), 77, 381
- Information risk, 64
- Information Security Forum (ISF), 382, 383
- Information security officer, 66
- Information Systems Audit and Control Association (ISACA), 78, 382
- Information Systems Audit and Control Foundation (ISACF), 348
- Information systems planning, 111

- Information technology management
- change management, 305, 306
  - chief information officer (CIO), 25, 64, 293–295, 301–303, 305
  - computer operations, 363–371
  - contingency planning, 371–375
  - contract management, 312–314
  - cycle time, 296, 297
  - e-commerce, 346–349
  - e-mail, 342–347
  - functional scorecards, 10
  - governance, 303, 304
  - hardware monitors, 368
  - interconnecting systems, 336–363
  - investment management, 315–318
  - laws, regulations, standards, and principles, 375–383
  - metrics, 297, 298, 307–312
  - and organizational culture, 10
  - overview, 293
  - performance management and measures, 309–312
  - reengineering, 217, 218
  - security, 321–326
  - security incidents, 326–336
  - software management policy, 353–355
  - software monitors, 367, 368
  - software piracy, 349–353, 381
  - stakeholder voices, 296
  - strategy, 295, 298–301
  - success factors, 295, 301–303
  - system development, 318–321
  - utility service and value, 306–309
  - wireless technology, 355–363
- Inspector General Act, 286, 287
- Institute for Global Ethics, 99
- Institute for Supply Management, 161
- Institute of Internal Auditors (IIA), 36, 78, 291
- Institute of Management Accountants (IMA), 290
- Insurance, 57, 59, 61, 69, 84, 90, 162, 229, 400
- Intellectual property
- copyright, 391–396
  - international trade issues, 388
  - international treaties, 407
  - laws, 407
  - licensing agreements and franchising, 396–399
  - overview, 391
  - patents, 391–393, 395, 396
  - trade secrets, 391–393, 395, 396
  - trademarks, 184, 391
  - U.S. Customs Service, role in protecting IP rights, 392
- Interconnection security agreement (ISA), 339, 340, 342
- Internal auditors, 29, 35, 36, 38
- Internal benchmarking, 5, 6
- Internal controls
- accounting, treasury, and finance functions, 276, 277
  - audit committee role, 37, 38
  - best practices, 48, 49
  - board of directors, role of, 28
  - components of, 45, 46
  - control defined, 43
  - and control risk, 65
  - defined, 43, 44
  - derivatives usage, 47, 48
  - and financial shenanigans, 55, 56
  - hard controls, 45, 46
  - limitations, 47
  - and people, 45
  - as a process, 44
  - purpose of, 44
  - risk assessment. *See* Risk management
  - soft controls, 45, 46
  - supply chain management, 146
  - tiered approach, 46
- International Anti-Bribery and Fair Competition Act, 407
- International business management
- chief globalization officer, 26, 64, 65, 70, 385, 386
  - intellectual property issues, 391–396
  - international trade, 387–391
  - laws, regulations, standards, and principles, 385, 404–407
  - licensing and franchising, 396–399
  - offshore business activities, 400–404. *See also* Outsourcing
  - overview, 385
  - risk management, 399, 400
  - trade policy, 391
  - U.S. export promotion programs, 390, 391
- International Chamber of Commerce (ICC), 407
- International Court of Justice, 406
- International Federation of Accountants, 291

- International Information Systems Security Certification Consortium Institute, 382
- International Organization for Standardization (ISO)
- ISO 9000 series, 63, 129, 136, 148, 159, 197, 202, 203, 222
  - ISO 14000 series, 67, 129, 138, 159, 203
  - ISO 14001, 159, 203
  - ISO 26000 (social responsibility), 98, 102
- International risk, 69, 70
- International Standards Organization (ISO)
- ISO 17799 (information security), 66, 383
- International Trade Commission (ITC), 388, 392
- International trade issues, 387–389
- Internet marketing, 179, 180
- Interrelationship diagraphs, 198
- Inventory management, 139–143
- Investigative questions, 199, 200
- Investment analysts. *See* Securities analysts
- Investment bankers, 40, 41, 43
- IT Governance Institute (ITGI), 382
- Just-in-time methods, 122, 129, 140, 160, 208, 226, 236
- Kaizen. *See* Continuous improvement
- Kanban. *See* Just-in-time methods
- Kaplan, Robert S., 8, 11
- Key performance indicator (KPI)
- business processes, 208
  - manufacturing, 131, 132
  - marketing and sales, 170
  - scorecards, 7, 9, 10
  - service management, 149, 150
- Labor unions, 90, 92, 194, 195
- Landrum-Griffin Act, 248
- Lead management, 180
- Leadership, 235, 236, 240, 260
- Lean manufacturing, 129, 137, 160
- Lean production, 122, 129, 132, 133, 135–137
- Lean service practices, 147, 160
- Legal compliance
- accounting, treasury, and finance management, 283–291
  - and ethics strategy, 85
  - general management, 125, 126
  - governance laws and regulations, 74–78
  - human resources, 243–249
  - information technology management, 375–383
  - international business management, 404–407
  - labor practices, 92
  - and legal risk, 69
  - manufacturing management, 156–162
  - marketing and sales management, 182–185
  - personnel practices, 91
  - privacy laws, 68
  - project management, 414–416
  - quality management, 201–205
  - Sarbanes-Oxley Act (SOX), 42, 74–76, 84, 93, 283, 284, 376
  - securities law, 93
  - service management, 156–162
  - whistleblower protection, 90–92
- Legal risk, 61, 64, 69, 351
- Licensing agreements, 396–399
- Logistics management, 139–143
- Magnuson-Moss Warranty Act, 183, 201
- Malcolm Baldrige Criteria for Performance Excellence Results, 7, 12, 13, 187, 188, 205
- Malcolm Baldrige National Quality Award, 187
- Malcolm Baldrige National Quality Improvement Act, 202
- Management
- change management, 118–122
  - contract management, 122–125
  - effectiveness, measuring, 111
  - general managers, roles and responsibilities of, 105–107
  - laws, regulations, standards, and principles, 125, 126
  - managing risk, 62
  - and organizational culture. *See* Organizational culture
  - people, managing, 111
  - planning, 110, 111
  - reporting relationships, 24–26
  - senior executives, 26, 32–34, 105–107
  - strategic management process, 107–110
- Management capability model, 14–17
- Manufacturing management
- chief operating officer (COO), 25, 127, 128
  - cycle time, 130, 131
  - design principles, 132–139, 194

- Manufacturing management (*Continued*)  
 and GDP, 127  
 inventory, 139–143  
 laws, regulations, standards, and principles, 156–162  
 logistics, 139–143  
 metrics, 131, 132  
 outsourcing, 401, 402  
 quality. *See* Quality management  
 stakeholders, voices of, 129, 130  
 strategy, 129  
 supply chain, 143–147
- Manufacturing processes. *See* Business process management
- Marketing and sales management  
 advertising effectiveness, 172, 173  
 brand management, 176, 177  
 chief marketing officer (CMO), 25, 68, 165–167  
 contracts, 170, 171  
 customer loyalty, 170, 173–175  
 customer relationship management (CRM), 173, 174  
 cycle times, 12, 169, 170  
 design for faster marketing, 137  
 ethical concerns, 96  
 internal controls, 48  
 Internet, 179, 180  
 laws, regulations, standards, and principles, 177, 182–185  
 lead management, 180  
 market research, 171, 172  
 market segmentation, 165, 171, 172  
 metrics, 170  
 overview, 165  
 pricing, 177, 178  
 product marketing, 175–178  
 promotions, 179, 184  
 research and development, 175, 176  
 risk, 68, 69  
 sales process, 181, 182  
 service marketing, 178–180  
 stakeholder voices, 168, 169  
 strategy, 167, 168
- Matrix diagrams, 198
- McNamara-O’Hara Service Contract Act, 416
- Means-end cycle, 102
- Mergers and acquisitions, 97
- Metrics  
 defined, 11  
 finance, 256–259  
 human resources, 233, 234  
 information technology, 297, 298  
 manufacturing, 131, 132  
 market share, 190  
 marketing and sales, 170  
 return on assets, 191  
 return on investment (ROI), 168  
 return on sales (ROS), 168, 191  
 sales per employee, 191  
 service acquisition, 155, 156  
 service management, 149, 150  
 types, 11  
 use of, 11  
 and value chain, 7
- Miller-Tydings Resale Price Maintenance Act, 183
- Mistake-proofing concept, 161, 188, 190, 194, 204, 226
- Money Laundering Control Act, 285, 289
- Monitoring internal control standards, 277, 282
- Motor Carrier Act, 157
- NASDAQ corporate governance rules, 76, 77, 89, 101
- National Association of Corporate Directors (NACD), 30, 78
- National Association of Securities Dealers (NASD), 77, 89, 90, 101
- National Do-Not-Call Registry, 184
- National Environmental Policy Act, 157
- National Labor Relations Act. *See* Wagner Act of 1935
- National Labor Relations Board (NLRB), 248
- Nature and catastrophic risk, 69
- New York Stock Exchange (NYSE) rules, 76, 89, 100, 101
- Nominal group technique (NGT), 199
- Nominating committee, 39
- Norris-Laguardia Act, 248
- North American Free Trade Agreement (NAFTA), 406
- Norton, David P., 8, 11
- Notification and Federal Employee Antidiscrimination and Retaliation Act of 2002 (No FEAR Act), 91, 99
- Occupational Safety and Health Act (OSHA), 69, 157, 246, 416

- Office of Government Ethics (OGE), 98, 99  
Office of Management and Budget (OMB)  
    Circulars, 287, 378  
Offshore activities. *See* Outsourcing  
Older Workers Benefit Protection Act  
    (OWBPA), 246, 247  
Omnibus Trade and Competitiveness Act, 405  
Operations, 48–49, 68, 110, 111  
Option analysis, 71  
Organization for Economic Co-operation and  
    Development (OECD), 19, 383, 406  
Organizational culture, 10, 86, 87, 112–117  
Organizational effectiveness, 13, 111  
Organizational risk, 64  
Outsourcing, 7, 67, 133, 142, 263, 271–276,  
    303, 306, 400–404
- Paperwork Reduction Act, 381  
Pareto diagrams, 196, 197, 221, 222  
Partners, 13, 143–147  
Patent Cooperation Treaty, 406  
Patents. *See* Intellectual property  
Payment Card Industry Data Security Standard  
    (PCI DSS), 376  
Performance indicators, 7–14, 16. *See also*  
    Cycle times; Key performance indicator  
    (KPI); Metrics; Scorecards; Standards  
PERT/CPM, 67, 199  
Pilot projects, 4, 7, 12, 15, 190, 192, 213–215  
Plan, do, check, and act (PDCA) cycle,  
    188–190, 223, 412  
Pregnancy Discrimination Act (PDA), 247  
Presentation tools, 13  
Pricing strategy and methods, 177, 178  
Prioritization matrices, 199  
Privacy Act, 100, 247, 378, 416  
Privacy risk, 68  
Problem-solving tools, 13, 199, 200  
Process-decision program charts, 198  
Process management  
    business processes. *See* Business process  
    management  
    overview, 207  
    and quality management, 188  
    risk, 63  
Process-mapping analysis, 222  
Process reengineering, 218  
Procurement, 1, 26, 63, 110, 414  
Product acquisitions, 123–125  
Product risk, 63  
Production risk, 63  
Program evaluation and review technique  
    (PERT), 67, 199  
Program risk, 66, 67  
Project management  
    communications, 413  
    costs, 411, 412  
    human resources, 412, 413  
    laws, regulations, standards, and principles,  
    414–416  
    overview, 409  
    pilot projects, 4, 7, 12, 15, 190, 192,  
    213–215  
    procurement, 414  
    project integration, 409, 410  
    project managers, 15, 409, 410  
    project scope, 410, 411  
    project sponsor, 15  
    project team, 15  
    quality, 412  
    risk, 66, 67, 413  
    time management, 411  
Project Management Institute (PMI), 416  
Project managers, 15, 409, 410. *See also*  
    Project management  
Prudent person concept, 102  
Purchasing agents, 95, 96
- Qualitative methods of risk measurement, 72,  
    73  
Quality function deployment (QFD), 65, 69,  
    129, 137, 147, 158, 198, 204, 225  
Quality management  
    audits, 188, 189  
    design for quality, 136, 194  
    and human resources, 188, 192  
    laws, regulations, standards, and principles,  
    201–205  
    overview, 187  
    product quality, 192–194  
    project quality management, 412  
    quality assurance, 188, 189, 314  
    quality circles, 122, 130, 148, 169,  
    188–189, 232, 255, 296  
    quality control, 13, 188, 189  
    quality councils, 188, 189  
    quality management tools, 198, 199  
    service quality, 194, 195  
    tools, 13, 195–201

- Quality management (*Continued*)  
 total quality management. *See* Total quality management (TQM)  
 traditional method, 187, 188
- Quantitative methods of risk measurement, 72
- Quick response systems, 129, 142, 143, 161, 208, 226
- Racketeer Influenced and Corrupt Organizations Act (RICO), 289, 380
- Railway Labor Act, 248
- Regulatory compliance, 67, 92. *See also* Legal compliance
- Related-party transactions, 96
- Reputation risk, 67, 69, 243
- Research and development (R&D), 65, 175, 176
- Retirement Equity Act, 247
- Return on assets (ROA), 71, 191
- Return on investment (ROI), 8, 13, 66, 71, 159, 168, 174, 180, 202, 213, 214, 216, 237, 259
- Return on quality (ROQ), 71, 193, 194
- Return on sales (ROS), 71, 168, 174, 180, 191, 259
- Reverse engineering, 217, 218
- Right to Financial Privacy Act, 288, 289
- Risk management  
 audit committee role, 37, 38  
 board of directors, role of, 28  
 chief risk officer (CRO), 26, 57, 58, 60, 66  
 contract risk, 171  
 defined, 58  
 information technology, 321–326  
 international risk, 399, 400  
 methodology, 58–60  
 overview, 57  
 project management, 413  
 risk analysis, 200, 201  
 risk assessment, 58, 59, 73, 277, 278, 321–323  
 risk evaluation, 58, 60  
 risk mitigation, 58–60, 73  
 tools, 70–73  
 types of risk, 60–70
- Robinson-Patman Act, 77, 78, 100, 125, 177, 183, 289, 290
- Root cause analysis, 197, 221–223
- Run charts, 224
- Sarbanes-Oxley Act (SOX), 42, 74–76, 84, 93, 283, 284, 376
- Scatter diagrams, 196, 224
- Scorecards  
 balanced scorecards, 7, 8, 309, 311, 312  
 dashboard scorecards, 7, 10  
 employee access to, 10  
 functional scorecards, 7, 10  
 implementation issues, 11  
 key performance indicator scorecards, 7, 9, 10  
 stakeholder scorecards, 7, 9  
 strategy scorecards, 7–9  
 and value chain, 7
- Securities analysts, 40–42, 89, 90
- Securities and Exchange Commission (SEC), 93
- Securities law, 77, 93, 101, 102, 290, 406
- Security. *See* Information technology management
- Security and Freedom through Encryption Act, 379
- Security risk, 66
- Self-assessment, human capital policies and practices, 234–239
- Senior vice presidents, 26, 32–34, 105–107
- Sensitivity analysis, 70, 71
- Service-level agreement (SLA), 147, 178
- Service management  
 call centers, 150, 151  
 chief operating officer (COO), 25, 127, 128  
 customer service operations, 150, 151  
 cycle time, 148, 149  
 design and development, 150  
 design for service quality, 195  
 and GDP, 127  
 laws, regulations, standards, and principles, 156–162  
 metrics, 149, 150  
 outsourcing, 401, 402  
 quality. *See* Quality management  
 risk, 63  
 service acquisition, 123–125, 151–156  
 service marketing, 178, 179  
 stakeholder voices, 147, 148  
 strategy, 147
- Service processes. *See* Business process management
- Shareholder value, 10, 87, 88
- Shareholders and investors, 87, 88

- Sherman Antitrust Act, 77, 100, 125, 183, 247, 289
- Single Audit Act, 287
- Six Sigma, 63, 129, 136, 147, 160, 193, 194, 203, 208, 225, 412
- Social Security Act, 247
- Society for Human Resource Management (SHRM), 248, 249
- Software, 217, 264–265, 349–355, 363–371, 381, 392–396
- Special committees, 39
- Spend analysis, 147, 152–154
- Stakeholder relations, 86
- Stakeholder scorecards, 9
- Stakeholder voices
  - finance, 255, 256
  - human resources, 231, 232
  - information technology, 296
  - manufacturing, 129, 130
  - marketing and sales, 168, 169
  - service management, 147, 148
- Standard operating procedures (SOPs), 68, 93, 116, 162, 327, 340
- Standards. *See also* Legal compliance
  - accounting. *See* Generally accepted accounting principles (GAAP)
  - business process management, 225, 226
  - cost accounting, 416
  - digital and security risk, 66
  - environmental, 67, 138
  - ethics. *See* Ethics
  - industry standards, 162
  - international quality standards, 204, 205. *See also* International Organization for Standardization (ISO)
  - Malcolm Baldrige performance measures. *See* Malcolm Baldrige Criteria for Performance Excellence Results
  - manufacturing, 129
  - overview, 7, 12, 13
  - quality, 63
  - service management, 148
- Statistical process control (SPC), 129, 147, 160, 208, 224
- Strategic and business risk, 62
- Strategic benchmarking, 6
- Strategic business units (SBUs), 9, 10
- Strategic management process (SMP), 107–110
- Strategic planning, 33, 73, 108–110, 187, 234, 260, 263, 268, 299, 300
- Strategy
  - ethics, 85–87
  - finance, 255
  - human resources, 231
  - information technology management, 295, 298–301
  - manufacturing, 129–132
  - marketing and sales, 167, 168
  - service management, 147–150
- Strategy scorecards, 8, 9
- Stratification, 190, 221, 223
- Strengths, weaknesses, opportunities, and threats (SWOT). *See* SWOT analysis
- Subjective scoring, 70, 71
- Suppliers, 13, 93, 94, 140, 143–147, 171
- Supply chain management, 143–147, 171
- SWOT analysis, 66, 70, 71, 168
- Synecotics, 199
- System development life cycle (SDLC), 318–321
- Systems analysis, 199, 200
- Tactical planning, 110
- Taft-Hartley Act, 247
- Taguchi, Genichi, 158
- Taguchi method, 129, 136, 158, 204
- Technology. *See also* Information technology management
  - and change management, 118–122
  - risk, 65, 66
- Theory of constraints (TOC), 129, 157, 225
- Total quality management (TQM)
  - basic concepts of quality, 188–190
  - basic features of quality, 187, 188
  - benefits of, 190, 191
  - and business process improvement, 220, 221
  - and change management, 121
  - described, 158, 187
  - features of, 191
  - and human resources, 192
  - and ISO 9000 standards, 159, 202
  - and key performance indicators, 10
  - performance improvement, 191
  - product quality, 192–194
  - service quality, 194, 195
  - traditional management compared, 188
- Trade associations, 15, 16

## 430 Index

- Trade risk, 64, 65  
Trade secrets. *See* Intellectual property  
Trademarks. *See* Intellectual property  
Transborder data flows, 64, 65, 68  
Tree diagrams, 198, 222  
TRIZ, 199, 200  
Truth in Lending Act, 286  
Truth in Negotiations Act, 157
- Uniform Commercial Code (UCC), 40, 126, 156  
Uniformed Services Employment and Reemployment Rights Act, 247  
U.S. Computer Security Act, 377, 378  
U.S. federal sentencing guidelines, 288, 380  
U.S. Tariff Act, 392, 405  
U.S. Trade Act of 1974, 388, 405  
USA Patriot Act, 285
- Value analysis, 221, 223, 224  
Value chain, 5, 7, 8, 12, 346  
Value engineering, 221, 223, 224, 314  
Vendors, 93, 94, 139, 140  
Vietnam-Era Veterans' Readjustment Act, 247, 416  
Viral marketing, 179, 184  
Voice of competitors, 130, 148, 169, 232, 256, 296  
Voice of employees, 232  
Voice of partners, 130, 148, 169, 232, 255, 296  
Voice of quality, 130, 148, 169, 232, 255, 296  
Voice of regulators, 130, 148, 169, 232, 255, 296  
Voice of standards, 130, 148, 169, 232, 255, 296  
Voice of the customer (VOC), 65, 69, 129, 130, 133, 137, 147, 148, 158, 168, 175, 176, 184, 203, 204, 225, 232, 248, 255, 290, 296, 381  
Voice of the investor, 255  
Voice of the process, 130, 148, 158, 169, 184, 208, 226, 232, 248, 255, 290, 296, 381–382
- Wagner Act of 1935, 92, 247  
Walsh-Healy Public Contracts Act, 416  
Waste defined, 123  
Wheeler-Lea Act, 183  
Whistleblower protection, 90–92  
Whistleblower Protection Act of 1989, 91, 99  
Wireless technology, 355–363  
Work breakdown structure (WBS), 66, 411  
Worker Adjustment and Retraining Notification (WARN), 248  
Workforce Investment Partnership Act (WIA), 248  
World Trade Organization (WTO), 381, 388, 405, 406











