

Index

A

access security, ensuring 219
 adaptations for ERP products 316
 analytic hierarchy process (AHP) method 153
 anticipating the valley of despair 97
 Apache License Version 2.0 58

B

B2B procurement implementation process 129
 business benefits from ERP systems 78
 business benefits from ERP systems, achieving 77–93
 business orientation 40
 business process reengineering 108–125
 business process reengineering tenets 112

C

change curve, understanding 97
 clay tablets to the double-entry 2
 clay tablets to the tabulating machine 2
 control adequacy 237
 control implementation benefits 243
 control implementation challenges 240
 control implementation processes 238
 cost accounting 3
 cultural differences 291
 customer relationship management (CRM) 28

D

different national cultures 270

E

empower 32
 enterprise resource management systems (ERM) 332
 enterprise resource planning (ERP) systems 2
 enterprise resource planning, under open source software 56–76
 enterprise resource planning systems 27
 enterprise resource planning systems in a global environment 23–36
 enterprise system benefit framework 84
 enterprise systems, as an enabler of fast-paced change 126–146
 Ericsson case study, lessons learned 137
 Ericsson case study, phase one (dealing with growth) 128
 Ericsson case study, phase three (coping with market turndown) 134
 Ericsson case study, phase two (preparing for market deceleration) 132
 Ericsson España (EE) 129
 ERP's resource 11
 ERP and new technologies 314
 ERP application delivery, new modes 313
 ERP benefits framework 81
 ERP for small and medium-sized enterprises (SMEs) 329
 ERP implementation as a mediation process 192
 ERP implementation procedure 45
 ERP implementation process 47
 ERP implementation projects, outcome 255
 ERP implementation strategies 43

Index

ERP market consolidation 313
ERP planning functionalities 11–12
ERP pricing structures 314
ERP product, diversification 313
ERP projects in Brazil, analyzing 193
ERP software implementation approaches,
 evaluation 271
ERP support operations 315
ERP systems characteristics 235
ERP trends, opportunities, and challenges
 309–327
ERP trends and implications 312
ERP usage models 28
evaluating ERP implementation strategies
 37–55

F

feral systems 158
first computers to the general ledger 4
flexibility of enterprise systems 141
Fonterra Corporation 30
function-driven approach example 271
future of ERP 328–348

G

general ledgers systems to accounting informa-
 tion systems 5
global B2B procurement in Ericsson 126–146
global back office (GBO) 32
global customer service center 31
global ERM 345
global ERP 18
global ERP champion, role 94
global ERP champion, secret success 94–107
global ERP implementation, experiences of
 cultures 167–188
global ERP implementations, benefits 149
global orientation 40
global reengineering, benefits 119
global reengineering, lessons learned 116
global rollout 43, 48
GNU GPL 58

H

HRMS software, success factors for implemen-

tation 289–308

human resources management system (HRMS)
 software 289

I

implementation challenges in global organiza-
 tions 233
implementation of ERP packages as a media-
 tion process 189–207
implementing global ERPs, considerations 150
inappropriate cost saving 157
industrial revolution 3
information systems strategy, and Jedi 32
information technology alignment 25
intangible IT benefits 83
interconnecting different ERPs 15
interface between culture and global ERP
 implementation 175
internal control in global organizations 229
international orientation 41
item-agent-cash database model 336

J

Jedi project 31

K

Kirchmer's strategy-based approach 273

L

large ERP implementation, cost and length 14
ledgers to ERP 1–22

M

mediation patterns, dynamics 200
mistrust of the ERP 159
mixed-mode implementation 44
Mozilla Public License 1.1 58
multinational companies (MNCs) 147
multinational orientation 41
mySAP ERP 216
mySAP ERP case 208–226

O

open source enterprise resource planning (OS-
 ERP) 56

open source ERP, global adoption 70
 open source licenses 58
 open source software (OSS) 56, 341
 open source software, history 57
 open source vendor business models 65
 organizational culture, importance 179
 OS-ERP, customization 67
 OS-ERP, functionality 60
 OS-ERP, real options value 68
 OS-ERP examples 61
 OS-ERP landscape, assessing 61

P

process-driven approach example 273

R

reengineer, selecting a process 113
 reengineer, visualizing the process 115
 requested vs. served resources report 13
 resistance to change 293
 resource-centered data structure, the need 333

S

sales network structure (SNS) 31
 Sarbanes-Oxley, requirements 210
 Sarbanes-Oxley compliance (SOX) 210
 Sarbanes-Oxley compliance, internal controls 211
 scope of standardization 44
 securing integrity of data 217
 semi-process-oriented implementation of ERP systems 276
 societal culture's impact on organizational culture 169

societal culture, importance 177
 societal culture and globalization 171
 SOX compliance and ERP implementation 214
 SOX compliance implementation 213
 SSW implementation approaches, assessment 275
 SSW implementation approaches, overview 271
 standardization and modularity, will Microsoft show up? 339
 success of global ERP implementations, influencing factors 147–166
 systematize short-term management 331
 Systems Applications and Products in Data Processing (SAP) 147
 systems flexibility 235

T

technological change, basic operational stage 175
 technological change, decision stage 174
 technological change, initiative stage 173
 technological change, routine operations stage 175
 technological change, selection and leader nomination stage 174
 technological change, stages and actors 172
 traditional vs. resource balance 334
 transnational orientation 42

V

venture capital funding 65