Index

A
adjusted goodness-of-fit index (AGFI) 312
advanced shipping notification (ASN) 243
ambient
e-service 54, 55, 56, 57, 58, 59, 63
embracing model (ASEM) 54, 71, 81
embracing model (ASEM) framework 71
application service provider (ASP) 366
authentication, authorization, and accounting (AAA) 299
average variance extracted (AVE) 333

B
boundary customer 91
Bricks-and-Clicks 98, 108
business-to-business (B2B) 8, 140, 159, 183, 330, 353
e-commerce 2, 13
business-to-customer (B2C) 140, 183, 353
business-to-government (B2G) 183

C
choreography 259
clinical information systems (CIS) 210
cognitive dissonance theory (CDT) 329
commercialisation 23, 29, 40
complementary network externality 85
confirmatory factor analysis (CFA) 333
congestion externality 85
conversation controllers 255
customer
perceived value (CPV) 84, 85, 87, 88, 91
relationship management (CRM) 306
decision support system (DSS) 358
Department of Trade and Industry (DTI) 121
description languages 255
distributed grid accounting system (DGAS) 299
dynamic
by lookup 265
by reference 265
identity management 69
selection 265
service 265
e-adoption model 129, 134
e-business 84, 85, 93, 119, 120, 121, 122, 123, 125, 138, 182
model 22, 23, 24, 25, 43
systems 183
e-commerce 99, 102, 103, 111, 121, 122, 123, 125, 129, 134, 136, 182, 342
e-CRM program 304
e-customer relationship management (e-CRM) 304
e-government strategic framework 29
e-strategy 23, 28, 30
ecological validity 165
electronic
communication 358
components industry 126, 134
hierarchies 3, 5, 18
markets 3, 7, 8, 11, 12
enterprise-wide software suite (ESS) 34
enterprise application integration (EAI) 193
event-condition-action (ECA) 256
event-driven process chain (eEPC) 234
exploratory factor analysis (EFA) 104
extended markup language (XML) 184

F
foreign direct investment (FDI) 147, 149
fuzzy inference system (FIS) 349

G
geographic information industry 26, 27, 28, 33
geographic positioning system (GPS) 28
get-big-fast (GBF) 88
global distribution systems (GDS) 377
goodness-of-fit index (GFI) 312
grid-unit 277
grid services 275
group support systems (GSSs) 358

H
home location registers (HLRs) 299

I
independently owned and operated (IOO) 372
industrial marketing and purchasing (IMP) 4
information and communication technology (ICT) 121, 140
information systems (IS) 2
integration 2, 3, 7
information technology (IT) 2, 161
Internet-mediated market orientation (IMO) 306
interorganisational systems (IOS) 159
interorganizational cooperation 2, 19
interorganizational system (IOS) 1, 2, 5, 10, 16, 19

L
logical level 216

M
mobile
commerce 54, 59, 64, 76, 81, 83
peer-to-peer 54, 59
Modelling the Clinical Processes of Prescribing (MCPOP) 209
monopoly 85, 93

N
negotiation memory support system (NMSS) 360
negotiation support system (NSS) 353, 355, 358
network effect 84, 85, 86, 87, 88, 93
network size 84, 85, 86, 87, 88, 89, 90, 91, 92, 93

O
object-oriented programming (OOP) 251
online banking (OLB) 330
online retailing 99, 101, 102
ontologies 259
ontology Web language (OWL) 258
organisational change 26, 28
oriented analysis and design (OOAD) 245

P
peer-to-peer (P2P) 55
personal computer (PC) 147
PO acknowledgement (PO Ack) 243
positive demand externality 85
process chain diagram (PCD) 234
process model 258
public relations (PR) 389
sector 22, 23, 24, 26, 28, 29
purchase order (PO) 241
pure play 98, 99, 101, 102

Q
quality of service (QoS) 196, 259

R
resource usage service (RUS) 282, 283
ross-consumer externality 85

S
sales order (SO) 243
Semantic Web services (SWS) 190
service analysis and design (SAD) 244
service level agreements (SLAs) 183, 191
service oriented computing (SOC) 251, 275
services oriented architecture (SOA) 183, 218, 222, 244, 247, 251, 275
service usage 275  
short message service (SMS) 299  
simple object access protocol (SOAP) 184  
small and medium-sized enterprises (SMEs) 182, 185  
symbolic perceived benefits 163  

T  
technology acceptance model (TAM) 325  
technology adoption model (TAM) 144  
three of reasoned action (TRA) 325  
transaction cost economics (TCE) 114  
tructural equation modeling (SEM) 334  
trust, reputation and privacy (TRP) 74  
typology 3, 5, 8, 15, 18  

U  
universal description discovery and integration (UDDI) 184  
usage logging timeline 284  
utility management infrastructure (UMI) 299  

V  
virtual private network (VPN) 4, 197  

W  
Web service modeling framework (WSMF) 190, 258  
Web services (WS) 183, 221, 222, 223, 224, 227, 228, 229, 259  
Agreement 255  
Attachments 255  
BusinessActivity 255  
Coordination 255  
description language (WSDL) 184  
Discovery 255  
Enumeration 255  
Federation 255  
Inspection 255  
Manageability 255  
MetadataExchange 255  
Notification 255  
PolicyFramework 255  
security (WSS) 191  
Web services modeling execution environment (WSMX) 259  
workflow management systems (WfMSs) 255  
World Trade Organization (WTO) 140  
World Wide Web Consortium (W3C) 192  
wrappers 278