Index

A

A2B Logistics (A2B) 39
Acceleration of Innovation ideas to Market (AIM) 320
Adaptive Structuration Theory (AST) 450, 457
ad hoc 10
adjacency pair 366
adjusted goodness-of-fit (AGFI) 97, 260
Antikythera 451
a priori 10
Arab African International Bank (AAIB) 307
ArcheoTRAC 469
Arkeokeeper 455
Assessment of Language Competence (ALC) 362
asynchronous environment 372
Australian Council for Educational Research (ACER) 368

B

Bill of Quantity (BOQ) 160
Business performance assessments 88, 251
Business Process Execution Language (BPEL) 274, 284
Business Process Modeling Notation (BPMN) 274, 296
business-to-business (B2B) 197
business-to-customer (B2C) 197
Business Travel Management (BTM) 199
business units (BU) 195

C

Canton Partners 52
Capability Building 30
capital expenses (CAPEX) 212
Chief Executive Officer (CEO) 42
CIM Ontology aLigNment methodology (COLIN) 401
co-construction 363
collections centres (CC) 110
Communities of Practice (CoPs) 345
Complete Data Quality Method (CDQM) 406
Complex Responsive Processes (CRP) 233
compound annual growth rate (CAGR) 186
Computer Aided Design (CAD) 160
Computer-Mediated Communication 363-365, 369-370, 373
Concern-Task-Interaction-Outcome (CTIO) 316-317
confirmatory factor analysis (CFA) 92, 104, 254, 267
consistent Akaike information criteria (CAIC) 96, 260
context-aware 425
contextual adequacy 6
Continuous Improvement (CI) 320
Continuous Improvement Teamwork (CIT) 317, 320
Conversation Analysis 363
core competencies 7
Core Components Technical Specification (CCTS) 288
Index

Council of Supply Chain Management Professionals 39
CROSI Mapping System (CMS) 417, 434
Customer Experience Management (CEM) 207

D
Database Schema Integration 421
Data warehouses 406-407, 421
Decision Support Systems (DSS) 14, 206, 220
Define, Measure, Analyze, Improve, Control (DMAIC) 318
Department of Defense (DoD) 66
Department of the Interior (DOI) 60-61, 65
Directory of Open Access Journals (DOAJ) 87, 250
distributed organization 350

E
Electronic Customer Relationship Management (E-CRM) 182
Electronic Data Interchange (EDI) 197
Electronic Government (e-Gov) 60
electronic product codes (EPC) 49
Enterprise Application Integration (EAI) 390, 414
Enterprise Resource Planning (ERP) 116
entity relationship (ER) 427
European Article Number (EAN) 109
expert decision support system (EDSS) 14
Extension-aware 427

F
Federal Environment Department - Alaska (FED-AK) 60
Federal Travel Regulations (FTR) 61, 64, 67
Feedback 85, 248
financial performance (FP) 92, 254
Formal Concept Analysis (FCA) 427
future visioning 7

G
General Accounting Office (GAO) 61
General Services Administration (GSA) 61
Geographic Information Systems (GIS) 145, 453
Geprüfte Sicherheit (GS) 123, 137
Globalization 128
Goal Question Metric (GQM) 326
goodness-of-fit (GFI) 97, 260
goods received note (GRN) 116
goods return vouchers (GRV) 116
government of Egypt (GOE) 302
GovTrip 65
Greater Arab Free Trade Area (GAFTA) 196

H
heterogeneity 418

I
information dashboard (IDB) 207
Information Flow 428
Instant Visual Analysis 216
Intension-aware 428
Interagency Travel Management Committee (ITMC) 61
interface reference model (IRM) 405
International Electrotechnical Commission (IEC) 388
interoperability 418

J
Just-in-Time (JIT) 139

K
key performance indicators (KPIs) 200, 290
KM cycle 148, 155-156, 158
Knowledge management (KM) 147
knowledge management system (KMS) 145
Index

L
label interpretation 429
Labor Management 47
Labor Management System (LMS) 38
laissez-fair principle 270
Landesgewerbeanstalt Bayern (LGA) 137
Linguistic Similarity 423
LISREL 93, 256
Local Area Networks (LANs) 466
local environment 366

M
maturity stages 24, 271, 297
maximum likelihood (ML) 93, 95, 256, 258
Middle East and North Africa (MENA) 123
model-driven software development (MDSD) 400

N
National Bank of Egypt (NBE) 303, 306-307
network coverage 30
non-financial performance (NFP) 92, 254
NorConstruct 222-240
Northrop Grumman Mission Systems (NGMS) 68

O
ObjectSpot 87, 250
On-line Analytics Processing (OLAP) 206
online booking engine (OBE) 65
Ontology Alignment Evaluation Initiative (OAEI) 435
Ontology Integration 388, 421
Open Architecture Community System (OpenACS) 86, 249
operating expenses (OPEX) 212

P
Planning, Doing, Checking and Acting (PDCA) 320
point of sales (POS) 117
Preference organization 364
Premium International for Credit Services (PICS) 300
purchase order (PO) 110

R
Radio Frequency Identification (RFID) 38, 48, 468
radio frequency (RF) 49
ready made packages 26
relevant next action 373
Resulting, Approaching, Deploying, Assessing and Reviewing (RADAR) 320
return on investment (ROI) 44, 49
Right Execution Daily (RED) 200
root means square error of approximation (RMSEA) 96, 259

S
Self-organization 235
Semantic Query Processing (SQL) 421
Semantic Similarity 423, 428, 436, 439
sequence organization 363
service oriented architecture (SOA) 272
shadow systems 464
Similarity flooding 425
Singular Value Decomposition (SVD) 439
Small and Medium Industry Development Organization (SMIDO) 128
small and medium-sized enterprises (SMEs) 271
stock keeping units (SKUs) 49
stock take of physical inventory (STPI) 115
storage locations (SLoc) 117
Strategic Planning of Information Systems (SPIS) 272
strategic themes 228
String Similarity 422-424
structural equation modelling (SEM) 92-93, 254, 256
Structuration Theory (ST) 457
Structure-aware 423
structure similarity 424
Supervisory Control and Data Acquisition System (SCADA) 388
Supply Chain Management (SCM) 182
symbolic meaning 6
synchronous environments 374
Systems Requirements Definition (SRD) 29
systems scan 8

Technology acceptance model (TAM) 4
technology-enhanced learning (TEL) 80-81, 92, 104, 243-244, 254, 267
test development 369
third party logistics (3PL) 39-40
Total Data Quality Method (TDQM) 406
Total Fatty Material (TFM) 183
Total Quality Data Management (TQDM) 406

Total Quality Management (TQM) 319
Travel Coordinator 70
Travel Management Center (TMC) 78

Universal Business Language (UBL) 275
universal product code (UPC) 48
U. S. Geological Survey (USGS) 63

value-based management (VBM) 299-300
Videoconferencing 359
VideoWiki 85, 248

warehouse management system (WMS) 45
workplace interaction 367

XML Adapter 286
XoWiki 86, 249