Table of Contents

Foreword........................................................................................................................................... xxiv

Preface............................................................................................................................................... xxviii

Section I
T-Government Foundations

Chapter I
The Social Shaping of Transformational Government ................................................................. 1
Vincent Homburg, Erasmus University Rotterdam, The Netherlands

Chapter II
Towards T-Government by Increasing Process Maturity in Public Sector ........................................... 15
Jurij Jaklič, University of Ljubljana, Slovenia
Mojca Indihar Štemberger, University of Ljubljana, Slovenia

Chapter III
Transformation Strategies for Shared Service Centers in the Public Sector ........................................ 35
Haiko van der Voort, Delft University of Technology, The Netherlands
Hans de Braijin, Delft University of Technology, The Netherlands
Marijn Janssen, Delft University of Technology, The Netherlands

Chapter IV
Citizens, Not Consumers .................................................................................................................. 51
Cory Allen Heidelberger, Dakota State University, USA

Chapter V
Instigating Transformational Government at a Municipality Level: A Case Study ............................. 72
Marwan Elnaghi, Brunel University, UK
Sarmad AlShawi, Brunel University, UK
Vishanth Weerakkody, Brunel University, UK
Wael Aziz, Dubai Municipality, UAE
Section II
Interoperability and Integration Enabling T-Government

Chapter VI
Transforming Cross-Organisational Processes between European Administrations:
Towards a Comprehensive Business Interoperability Interface........................................ 93
Jörg Ziemann, Saarland University, Germany
Peter Loos, Saarland University, Germany

Chapter VII
ICT-Enabled Optimization of Government Processes.......................................................... 117
Lars Baacke, University of St. Gallen, Switzerland
Jörg Becker, European Research Center for Information Systems, Germany
Philipp Bergener, European Research Center for Information Systems, Germany
René Fitterer, SAP Research, Switzerland
Ulrike Greiner, SAP Research, Switzerland
Florian Stroh, SAP Research, Switzerland
Michael Räckers, European Research Center for Information Systems, Germany
Peter Rohner, University of St. Gallen, Switzerland

Chapter VIII
Mapping Factors Influencing EAI Adoption on the Adoption Lifecycle Phases in LGAs........... 140
Muhammad Mustafa Kamal, Brunel University, UK

Chapter IX
Improving Access to Government Information with Open Standards for Document Formats .... 163
Rajiv C. Shah, University of Illinois at Chicago, USA
Jay P. Kesan, University of Illinois College of Law, USA

Chapter X
Interoperability and Constituents of Interoperable Systems in Public Sector.......................... 175
Dibakar Ray, National Informatics Centre, India
Umesh Gulla, GGS Indraprastha University, India
M. P. Gupta, Indian Institute of Technology, India
Shefali S. Dash, National Informatics Centre, India

Section III
Knowledge and Management Support

Chapter XI
Communities of Purpose: Eliminating Knowledge and Enhancing Practices in Transformational Government Programmes................................................................. 197
Ashley Broganza, Brunel University, UK
Chapter XII
Knowledge-Driven Project Management in Government Transformation

Yannis Charalabidis, National Technical University of Athens, Greece
Demetrios Sarantis, National Technical University of Athens, Greece
Dimitris Askounis, National Technical University of Athens, Greece

Chapter XIII
Interorganizational Communications in Disaster Management

Jing Yang, Oklahoma State University, USA
JinKyu Lee, Oklahoma State University, USA
Ashwin Rao, Cornell University, USA
Nasrat Touqan, Oklahoma State University, USA

Chapter XIV
Competence in Transforming the Norwegian Welfare Sector: A Case Study and Implications for Future E-Government Initiatives

Knut H. Rolland, Norwegian University of Science and Technology, Norway
Torgeir Dingsøyr, Norwegian University of Science and Technology, Norway

Chapter XV
The Call for Transformational Governance in the Knowledge Economy

Benjamin Yeo, Milken Institute, USA
Eileen Trauth, Pennsylvania State University, USA

Section IV
Measuring and Evaluating for Improvement

Chapter XVI
Developing an Interdisciplinary Approach to the Evaluation of E-Government Implementation

Maddalena Sorrentino, State University of Milan, Italy
Marco De Marco, Catholic University, Italy

Chapter XVII
The Myth of E-Government

Katarina Lindblad-Gidlund, Midsweden University, Sweden
Katarina Giritli-Nygren, Midsweden University, Sweden

Chapter XVIII
Measurement of Transformational Government Strategies Using Balanced Scorecard Approach

Ivaylo Gueorguiev, European Software Institute Center, Bulgaria
Chapter XIX
Measuring Transformational Use of ICTs at Regional Level ................................................................. 351
Karsten Gareis, empirica, Germany
Tobias Hüsing, empirica, Germany

Chapter XX
Sevgi Ozkan, Middle East Technical University, Turkey
Murat Cakir, Middle East Technical University, Turkey

Section V
T-Government Adoption and Acceptance

Chapter XXI
A Cost Model of Open Source Software Adoption................................................................................ 396
Barbara Russo, Free University of Bolzano-Bozen, Italy
Giancarlo Succi, Free University of Bolzano-Bozen, Italy

Chapter XXII
Citizen’s Acceptance of Electronic Services: A Qatari Perspective....................................................... 419
Shafi Al-Shafi, Brunel University, UK
Vishanth Weerakkody, Brunel University, UK

Chapter XXIII
E-File Adoption: Diffusion, Experience, and Trust .............................................................................. 429
Lemuria D. Carter, North Carolina A&T State University, USA
Ludwig Christian Schaupp, West Virginia University, USA

Chapter XXIV
E-Government Implementation in Transition Countries ....................................................................... 441
Mysore Ramaswamy, Southern University and A&M College, USA

Chapter XXV
IT Governance in the Public Sector in a Developing Country ............................................................... 452
Edephonce N. Nfuka, Stockholm University and Royal Institute of Technology, Sweden
Lazar Rusu, Stockholm University and Royal Institute of Technology, Sweden

Compilation of References ............................................................................................................... 487

About the Contributors ..................................................................................................................... 534

Index ............................................................................................................................................. 545