

Contents

1 Introduction ................................................ 1
   References .................................................. 2

2 The Problem and Research Questions ....................... 3
   References .................................................. 8

3 SOA, Maturity Models, SOA MM and Relevant Work ......... 9
   3.1 SOA .................................................... 9
   3.2 Maturity Models ......................................... 11
   3.3 SOA MM and Relevant Work .................................. 12
   References .................................................. 16

4 Research Approach and Methods .............................. 19
   4.1 Delphi: Introduction, Implementation of the Method and
     Strengths and Limitations ..................................... 19
   4.1.1 Delphi: Introduction ................................ 19
   4.1.2 Delphi: Implementation of the Method (The Process) .... 20
   4.1.3 Delphi: Strengths and Limitations .................... 20
   4.2 Current Research Approach: A Variant to Delphi Technique ........ 22
   4.2.1 Applicability of the Approach ........................ 22
   4.2.2 Delphi Study Structure .................................. 23
   4.2.3 Codification and Experts Panel Teams Selection;
     Ethical Issues Addressed Through Standards,
     Restrictions and Rules ........................................ 23
   References .................................................. 24

5 The Proposed SOA MM ...................................... 27
   5.1 Delphi Technique Applied: First-Round Questionnaire
     and Its Findings ......................................... 27
   5.2 Delphi Technique Applied: Second-Round Questionnaire
     and Its Findings ......................................... 33
5.3 Delphi Technique Applied: Third-Round Questionnaire and Its Findings (Application/Use of the Proposed Inter-Enterprise SOA MM) ................................. 44

6 Proposed SOA MM Broadness and Applicability (in Particular: “Local” or “Global” SOA MM) ................................................................. 49
References .................................................................................. 52

7 Conclusions, Limitations and Future Research ...................... 53
References .................................................................................. 55

Appendices .................................................................................. 57
SOA Maturity Model
A Delphi-Derived Proposal for Inter-Enterprise Setups
Antoniades, P.
2014, VIII, 104 p. 6 illus., Softcover
ISBN: 978-3-319-02452-3