Table of Contents

List of Figures	5
List of Tables	11
Foreword – by the Vice-Dean of the Faculty Military Sciences / Netherlands Defence Academy Sebastiaan Rietjens	13
Foreword – by Secretary-General of the Netherlands Ministry of Defence and the Netherlands Chief of Defence Maarten Schurink and General Onno Eichelsheim	15
Introduction Huib Zijderveld, Annelies van Vark, Floribert Baudet, Edwin Dado, René Moelker and Ronald Vuijk	17
Part 1. Historical Perspectives	33
Chapter 1. Military Reforms and Upscaling: the Case of the Dutch State Army and Navy 1585-1621 Michiel de Jong	35
Chapter 2. "If fate should strike us with a new occupation…" . Dutch defence preparations, 1946–1949 Floribert Baudet	47
Chapter 3. The Cold War 'life jacket': The scalable armed forces of the Netherlands – a historical perspective Jan Hoffenaar and Daan Theodorus Sanders	65

Part 2. Organising Scalability	83
Chapter 4. Strategic Defence Production: Resource Scaling from an Organizational Network Perspective Paul C. van Fenema, Jörg Raab, and Matthijs J.E.M. van Groenendael	85
Chapter 5. Scaling in unpredictable strategic environments: Reflecting on strategic flexibility from an emergent innovation perspective Robbert Marnix Verhulst	107
Chapter 6. Scalable defence infrastructure: Leveraging industrial, flexible and demountable construction and Legolisation for operational flexibility within the Dutch defence organisation Edwin Dado, Jan Willem Petersen, Sebastiaan Leertouwer, Ruud Moeskops, and Alexander Schmets	125
Chapter 7. The challenge of scaling innovation in the Netherlands armed forces: Integrating technological artifacts in multilayered sociotechnical systems Eric-Hans Kramer, Guido van Os, and Robbert Marnix Verhulst	147
Chapter 8. Readiness through scalability : Structuring the military for large scale combat operations Cornelis van Lit	165
Chapter 9. Scalable preparedness: Healthcare initiatives for resilient wartime response Willem Goes, René Janssen, and Alexander van Oers	185
Chapter 10. The role of mission command in scaling up the armed forces Kevin van Loon and Stefan Mastenbroek	201
Part 3. Enabling Scalability	219
Chapter 11. Creating support for conscription: The dilemma of scaling up human resources René Moelker and Jörg Noll	221

Chapter 12. Promising strategies for building societal resilience against hybrid warfare Jeanette de Weert and Mark Levels	239
Chapter 13. Exploring grassroots knowledge production : Towards internal crowdsourcing for military intelligence Emma van der Meulen and Peter de Werd	261
Chapter 14. Wisdom of crowds : An exploratory case-study on crowdsourcing as a method for intelligence gathering within the Dutch Defence Intelligence and Security Service Emma van der Meulen	281
Chapter 15. Scaling military education in wartime Roy de Ruiter	297
Chapter 16. Scalability of NATO armed forces from a financial-economic perspective: A preliminary descriptive account Marion Bogers, Michelle Hogendoorn, Jacqueline Heeren-Bogers, and Robert Beeres	313
Chapter 17. Growing gains? Financial scalability of the Dutch defence industry by private equity Erwin Hardeman, Robert Bertrand, Jan van Lieshout, and Robert Beeres	343
Chapter 18. Export controls : A scalable set of instruments to counter threats to national and global security in a changing world Joop Voetelink	357
Discussion and conclusions Huib Zijderveld, Floribert Baudet, and Annelies van Vark	375
About the Editors	393
About the Authors	395