

# Real-World Electronic Voting

## *Design, Analysis and Deployment*

### Editors

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This book aims to cover all the major developments in electronic voting, in particular, E2E voting systems, from 2003 (taking the story forward from the Gritzalis book) to present “real-world” settings. It covers three broad areas: new e-voting protocols, new attacks reported on e-voting and new developments on the real-world use of e-voting. This book is divided into three parts. The first part looks at the general principles involved in designing a secure e-voting system and deploying it in practice. The second part looks at real-world implementations of e-voting, in particular in national elections. The third part of this book looks at E2E voting systems and their use in real-world applications.

### Key Features

- Reviews both technical and social aspects of e-voting
- Covers e-voting protocols, attacks reported on e-voting, and new developments on the use of e-voting
- Designed for government election practitioners and policy makers who want to understand the threats and opportunities in e-voting and assess its suitability for future elections

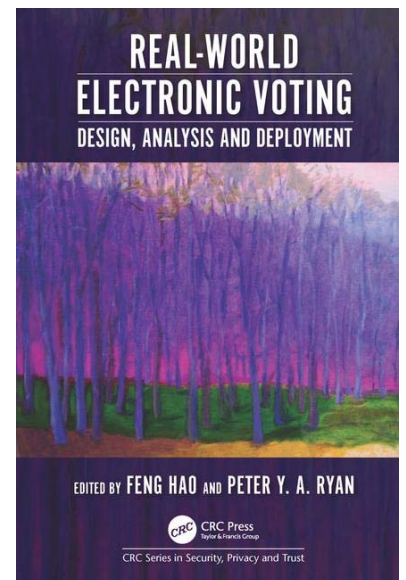
### Selected Contents

Software Independence Revisited. Guidelines for Trialling E-voting in National Elections. Overview of Current State of E-voting World-wide. Electoral Systems Used around the World. E-voting in Norway. E-voting in Estonia. Practical Attacks on Real-world E-voting. An Overview of End-to-End Verifiable Voting Systems. Theoretical Attacks on E2E Voting Systems. The Scantegrity Voting System and its Use in the Takoma Park Elections. Internet voting with Helios. Prêt à Voter - the Evolution of the Species. DRE-i and Self-Enforcing E-Voting. STAR-Vote: A Secure, Transparent, Auditable, and Reliable Voting System.

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