

Springer

1st
edition1st ed. 2015, XI, 145 p. 32
illus.**Printed book**

Softcover

Printed book

Softcover

ISBN 978-3-319-23569-1

£ 49,99 | CHF 65,00 | 54,99 € |

60,49 € (A) | 58,84 € (D)

Available

Discount group

Science (SC)

Product category

Brief

Series

SpringerBriefs in Computer Science

Computer Science : Systems and Data Security

Refsdal, A., Solhaug, B., Stølen, K., SINTEF ICT, Oslo, Norway

Cyber-Risk Management

- Shows a strong pragmatic orientation by explaining not only what security risk assessment is, but also how to do it
- Illustrates the various risk assessment tasks and how to conduct them using a running example
- Presents several typical challenges in risk analysis and how to deal with them

This book provides a brief and general introduction to cybersecurity and cyber-risk assessment. Not limited to a specific approach or technique, its focus is highly pragmatic and is based on established international standards (including ISO 31000) as well as industrial best practices. It explains how cyber-risk assessment should be conducted, which techniques should be used when, what the typical challenges and problems are, and how they should be addressed. The content is divided into three parts. First, part I provides a conceptual introduction to the topic of risk management in general and to cybersecurity and cyber-risk management in particular. Next, part II presents the main stages of cyber-risk assessment from context establishment to risk treatment and acceptance, each illustrated by a running example. Finally, part III details four important challenges and how to reasonably deal with them in practice: risk measurement, risk scales, uncertainty, and low-frequency risks with high consequence. The target audience is mainly practitioners and students who are interested in the fundamentals and basic principles and techniques of security risk assessment, as well as lecturers seeking teaching material. The book provides an overview of the cyber-risk assessment process, the tasks involved, and how to complete them in practice.

Order online at [springer.com/booksellers](https://www.springer.com/booksellers)**Springer Nature Customer Service Center GmbH**

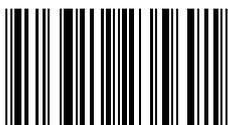
Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com

ISBN 978-3-319-23569-1 / BIC: UR / SPRINGER NATURE: SCI28060

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.