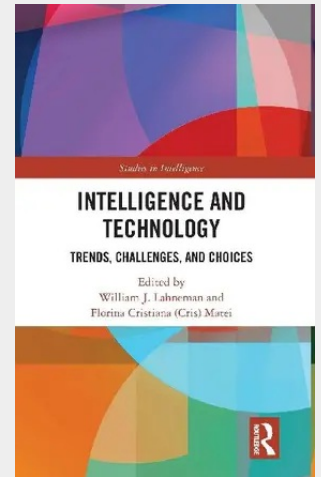


Intelligence and Technology

Trends, Challenges, and Choices

This book examines the value of innovative technologies to intelligence organizations, with a particular focus on the United States. It addresses how intelligence organizations and their partners keep up with innovations that will make or break their ability to continue to produce effective intelligence. The work uses a four-dimensional definition of technology as artifact, knowledge base, administrative support structure, and coordinating system, which enables analysis of the full range of technical, human, organizational, social, and governmental factors upon which successful technological innovation depends. This approach produced in-depth analyses by 14 subject-matter experts of topics ranging from artificial intelligence, unmanned aerial systems, and cyber intelligence to democratic governance issues, outsourcing needs, and workforce dynamics as large numbers of "Generation Z" workers enter the IC workforce. These analyses both explore specific aspects of and highlight interconnections among important cutting-edge technologies that intelligence agencies must adopt to remain effective. This will be of much interest to students of intelligence studies, national security, science and technology studies, and International Relations, as well as practitioners.

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212,60 €

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Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781041095972

Medium: Buch

ISBN: 978-1-041-09597-2

Verlag: Routledge

Erscheinungstermin: 20.03.2026

Sprache(n): Englisch

Auflage: 1. Auflage 2026

Serie: Studies in Intelligence

Produktform: Gebunden

Gewicht: 575 g

Seiten: 270

Format (B x H): 161 x 240 mm

