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# Security and Privacy of Cyber-Physical Systems

## Emerging Trends, Technologies, and Applications

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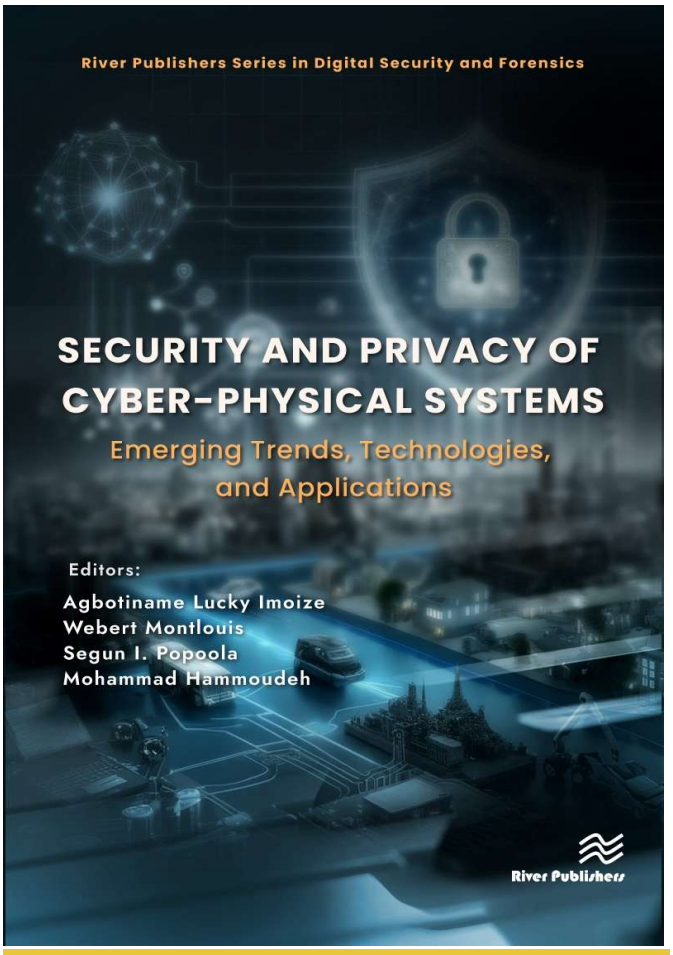
This book examines vulnerability threats and attack detection and mitigation, including the associated legal requirements, regulatory frameworks, and policies for enabling the security and privacy of cyber-physical systems. It provides researchers, academics, and practitioners with new insights into the real-world scenarios of deploying, applying, and managing security and privacy frameworks in modern cyber-physical systems.

It addresses critical security and privacy concerns, including theoretical analysis, novel system architecture design and implementation, vulnerability discovery, analysis, mitigation, emerging application scenarios, experimental frameworks, and social and ethical dilemmas affecting all parties in cyber-physical systems. The book is an ideal reference for practitioners and researchers in cyber-physical systems, security and privacy, the Internet of Things, advanced cryptography, cyber defensive walls, industrial systems, and cyber threats. It is also a suitable textbook for graduate and senior undergraduate courses in these subjects.

TABLE OF CONTENTS



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