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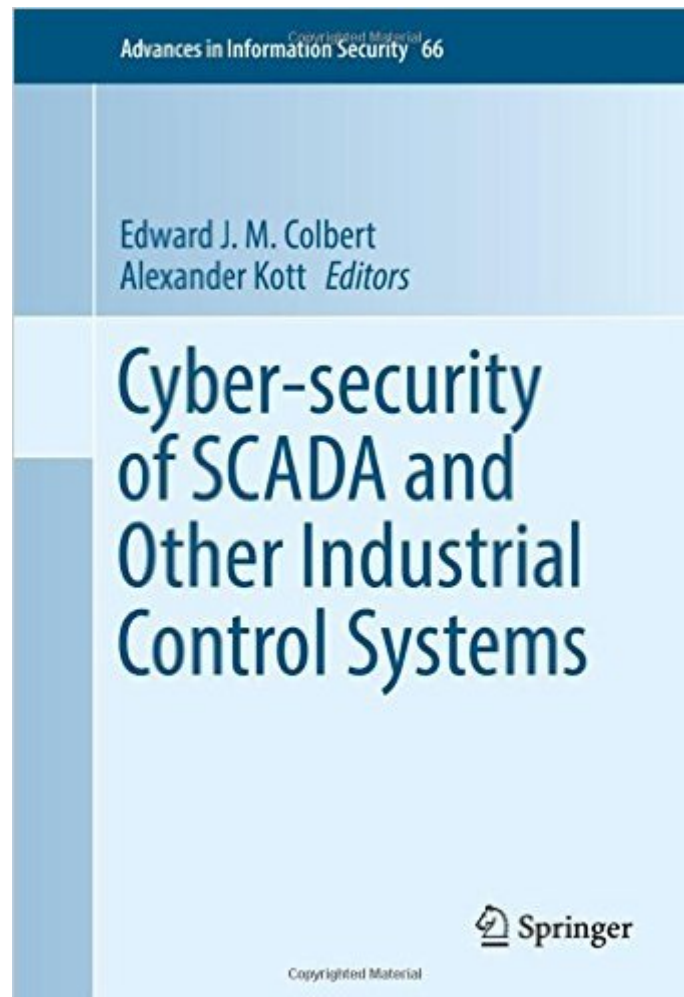
Cyber-security Of SCADA And Other Industrial Control Systems (Advances In Information Security)

Advances in Information Security 66

Edward J. M. Colbert
Alexander Kott *Editors*

Cyber-security of SCADA and Other Industrial Control Systems

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Synopsis

This book provides a comprehensive overview of the fundamental security of Industrial Control Systems (ICSs), including Supervisory Control and Data Acquisition (SCADA) systems and touching on cyber-physical systems in general. Careful attention is given to providing the reader with clear and comprehensive background and reference material for each topic pertinent to ICS security. This book offers answers to such questions as: Which specific operating and security issues may lead to a loss of efficiency and operation? What methods can be used to monitor and protect my system? How can I design my system to reduce threats?This book offers chapters on ICS cyber threats, attacks, metrics, risk, situational awareness, intrusion detection, and security testing, providing an advantageous reference set for current system owners who wish to securely configure and operate their ICSs. This book is appropriate for non-specialists as well. Tutorial information is provided in two initial chapters and in the beginnings of other chapters as needed. The book concludes with advanced topics on ICS governance, responses to attacks on ICS, and future security of the Internet of Things.

Book Information

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Cyber-security of SCADA and Other Industrial Control Systems (Advances in Information Security)

Hacking Exposed Industrial Control Systems: ICS and SCADA Security Secrets & Solutions

Managing Cyber Attacks in International Law, Business, and Relations: In Search of Cyber Peace

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