**DESCRIPTION**

A practical roadmap to protecting against cyberattacks in industrial environments

In *Practical Industrial Cybersecurity: ICS, Industry 4.0, and IIoT*, veteran electronics and computer security author Charles J. Brooks and electrical grid cybersecurity expert Philip Craig deliver an authoritative and robust discussion of how to meet modern industrial cybersecurity challenges. The book outlines the tools and techniques used by practitioners in the industry today, as well as the foundations of the professional cybersecurity skillset required to succeed on the SANS Global Industrial Cyber Security Professional (GICSP) exam.

Full of hands-on explanations and practical guidance, this book also includes:

- Comprehensive coverage consistent with the National Institute of Standards and Technology guidelines for establishing secure industrial control systems (ICS)

- Rigorous explorations of ICS architecture, module and element hardening, security assessment, security governance, risk management, and more

*Practical Industrial Cybersecurity* is an indispensable read for anyone preparing for the Global Industrial Cyber Security Professional (GICSP) exam offered by the Global Information Assurance Certification (GIAC). It also belongs on the bookshelves of cybersecurity personnel at industrial process control and utility companies.

*Practical Industrial Cybersecurity* provides key insights to the Purdue ANSI/ISA 95 Industrial Network Security reference model and how it is implemented from the production floor level to the Internet connection of the corporate network. It is a valuable tool
for professionals already working in the ICS/Utility network environment, IT cybersecurity personnel transitioning to the OT network environment, and those looking for a rewarding entry point into the cybersecurity field.

To purchase this product, please visit https://www.wiley.com/en-au/9781119883043