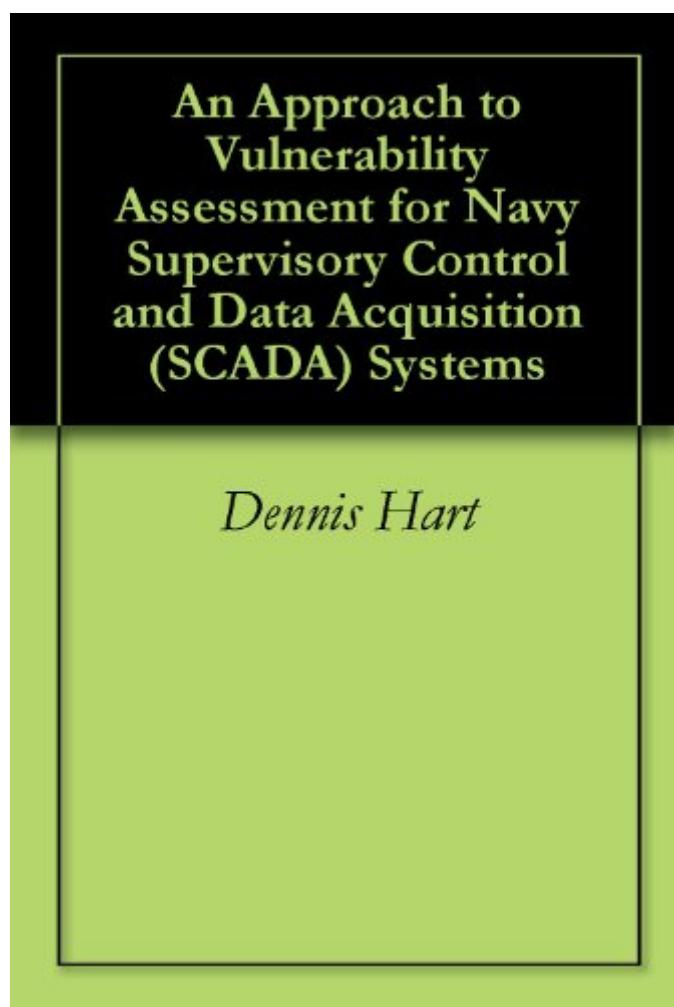


The book was found

An Approach To Vulnerability Assessment For Navy Supervisory Control And Data Acquisition (SCADA) Systems



Synopsis

The unfortunate events of September 11, 2001 have caused a renewed effort to protect our Nation's Critical Infrastructures. SCADA systems are relied upon in a large number of the sectors that make up the critical infrastructure and their importance was reinforced during the massive power outage that occurred in August 2003. Growing reliance upon the Internet has emphasized the vulnerability of SCADA system communications to cyber attack. Only through diligent and continuous vulnerability assessment and certification and accreditation of these systems will the United States be able to mitigate some of the vulnerabilities of these systems. A case study presented here has validated the need for continued focus in this area. This thesis consolidates some of the research that has already been done in the area of SCADA vulnerability assessment and applies it by developing an initial vulnerability assessment checklist for Department of the Navy systems. This checklist can and should also be used in the certification and accreditation of DoN SCADA systems. A promising technology was also discovered during this research that should be explored further to secure SCADA communications. This will be touched on briefly.

Book Information

File Size: 4046 KB

Print Length: 182 pages

Simultaneous Device Usage: Unlimited

Publication Date: March 22, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B007O0HDEK

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #1,185,954 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #148 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Control Systems #4465 in Books > Computers & Technology > Security & Encryption #11623 in Books > Computers & Technology > Computer Science

[Download to continue reading...](#)

An Approach to Vulnerability Assessment for Navy Supervisory Control and Data Acquisition (SCADA) Systems An Architectural Framework for Describing Supervisory Control and Data Acquisition (SCADA) Systems Real World Instrumentation with Python: Automated Data Acquisition and Control Systems Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business Leveraging the Power of Data Analytics, Data Science, ... (Hacking Freedom and Data Driven Book 2) Data Architecture: A Primer for the Data Scientist: Big Data, Data Warehouse and Data Vault Cyber-security of SCADA and Other Industrial Control Systems (Advances in Information Security) Hacking Exposed Industrial Control Systems: ICS and SCADA Security Secrets & Solutions Industrial Network Security, Second Edition: Securing Critical Infrastructure Networks for Smart Grid, SCADA, and Other Industrial Control Systems Cybersecurity for Industrial Control Systems: SCADA, DCS, PLC, HMI, and SIS Industrial Network Security: Securing Critical Infrastructure Networks for Smart Grid, SCADA, and Other Industrial Control Systems Hacking SCADA/Industrial Control Systems: The Pentest Guide The Data Revolution: Big Data, Open Data, Data Infrastructures and Their Consequences Big Data For Beginners: Understanding SMART Big Data, Data Mining & Data Analytics For improved Business Performance, Life Decisions & More! Supervisor Training Program (STP) Unit 2 Participants Manual: Communication (AGC's Supervisory Training Program) DNS Security: In-depth Vulnerability Analysis and Mitigation Solutions Social Vulnerability to Disasters Seeds of Disaster, Roots of Response: How Private Action Can Reduce Public Vulnerability Transactional Information Systems: Theory, Algorithms, and the Practice of Concurrency Control and Recovery (The Morgan Kaufmann Series in Data Management Systems) Got Data? Now What?: Creating and Leading Cultures of Inquiry - A practical book for teacher teams on gathering and interpreting assessment and other school data Measuring Data Quality for Ongoing Improvement: A Data Quality Assessment Framework (The Morgan Kaufmann Series on Business Intelligence)

[Dmca](#)