Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide

Luis Ayala

Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide

Luis Ayala

Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide Luis Ayala

This book provides a template with step-by-step instructions on how to respond and recover when hackers get into your SCADA system and cause building equipment to act erratically or fail completely. When hackers shut off the water, turn off the building power, disable the sewage effluent pumps and activate the fire alarm, you have to do something quick. It is even more alarming that hackers can do all those things at the same time?even from the other side of the planet.

Not every equipment failure or power outage is a cyber-physical attack. When your building is attacked, you probably won't suspect it was a hacker?until you see a pattern. The building control system (BCS) will act "squirrelly" and you will know?it really is a cyber-physical attack.

Once a cyber-physical attack occurs, it can mean years of court cases, job losses, higher insurance rates, and maybe even criminal litigation. It also takes years to overcome the loss of safety credibility to your employees and the local community. *Cyber-Physical Attack Recovery Procedures* provides a detailed guide to taking the right steps ahead of time, and equipping your facility and employees with the training, knowledge, and tools they need and may save lives.

The book contains:

- A one-of-a-kind action plan describing how hackers attack building equipment, the extent of damage possible, and how to respond when a cyber-physical attack occurs.
- Detailed descriptions of cyber-physical attacks directed against SCADA systems or building controls, as well as cyber booby traps
- Invaluable appendices, including: Emergency Procedures, Team Staffing and Tasking, Alternate Site Procedures, a Documentation List, Software and Hardware Inventories, Vendor Contact Lists, External Support Agreements, and much more.

What you'll learn

- Possible ways hackers can cause building equipment to fail.
- How to quickly assess the threat to his facilities in real time, how to stop a cyber-physical attack.
- How to restore equipment operation without doing any more damage.

Who This Book Is For

Architects, Engineers, Building Managers, Students, Researchers and Consultants interested in cybersecurity-attacks against facilities in the real world. Also for IT professionals getting involved in cybersecurity responsibilities.

Download and Read Free Online Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide Luis Ayala

---

From reader reviews:

Barbara Cook:

The book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide can give more knowledge and information about everything you want. Exactly why must we leave the best thing like a book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide? A few of you have a different opinion about reserve. But one aim that will book can give many info for us. It is absolutely correct. Right now, try to closer with the book. Knowledge or data that you take for that, you can give for each other; you can share all of these. Book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide has simple shape however, you know: it has great and big function for you. You can search the enormous world by start and read a guide. So it is very wonderful.

Thomas Schulz:

The book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide will bring you to the new experience of reading a new book. The author style to spell out the idea is very unique. In the event you try to find new book to learn, this book very suitable to you. The book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide is much recommended to you you just read. You can also get the e-book from official web site, so you can more easily to read the book.

Wallace Long:

The book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide has a lot details on it. So when you check out this book you can get a lot of gain. The book was written by the very famous author. The writer makes some research just before write this book. This book very easy to read you can find the point easily after reading this article book.

Sam Dickson:

A number of people said that they feel weary when they reading a guide. They are directly felt this when they get a half regions of the book. You can choose often the book Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide to make your current reading is interesting. Your own personal skill of reading proficiency is developing when you similar to reading. Try to choose very simple book to make you enjoy to see it and mingle the feeling about book and reading especially. It is to be first opinion for you to like to open a book and study it. Beside that the publication Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide can to be your brand-new friend when you're sense alone and confuse in doing what must you're doing of that time.

Download and Read Online Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide Luis Ayala #372T8F60ZXE

Read Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala for online ebook

Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala books to read online.

Online Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala ebook PDF download

Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala Doc

Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala Mobipocket

Cyber-Physical Attack Recovery Procedures: A Step-by-Step Preparation and Response Guide by Luis Ayala EPub