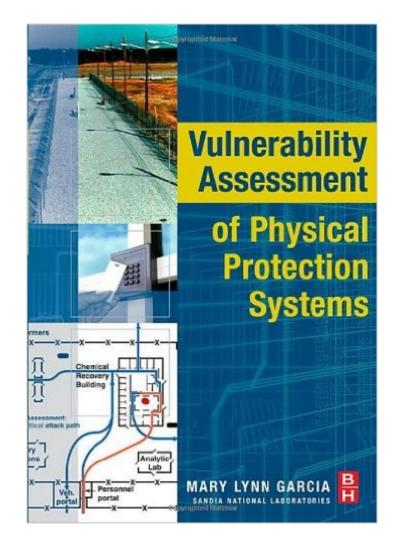
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# Vulnerability Assessment Of Physical Protection Systems





## Synopsis

Vulnerability Assessment of Physical Protection Systems will describe the entire vulnerability assessment (VA) process, from the start of planning through final analysis and out brief to senior management. The text will draw heavily on the principles introduced in the authorâ <sup>™</sup>s best-selling Design and Evaluation of Physical Protection Systems and allow readers to apply those principles and conduct a VA that is aligned with system objectives and achievable with existing budget and personnel resources. The book will address the full spectrum of a VA, including negotiating tasks with the customer, project management and planning of the VA, team membership, step-by-step details for performing the VA, data collection and analysis, important notes on how to use the VA to suggest design improvements and generate multiple design options. The text will end with a discussion of how to out brief the results to senior management in order to gain their support and demonstrate the return on investment of their security dollar. Several new tools will be introduced to help readers organize and use the information at their sites and allow them to mix the physical protection system with other risk management measures to reduce risk to an acceptable level at an affordable cost and with the least operational impact. - Guides the reader through the topic of physical security doing so with a unique, detailed and scientific approach- Takes the reader from beginning to end and step-by-step through a Vulnerability Assessment- Over 150 figures and tables to illustrate key concepts

### **Book Information**

Paperback: 400 pages Publisher: Butterworth-Heinemann; 1 edition (November 21, 2005) Language: English ISBN-10: 0750677880 ISBN-13: 978-0750677882 Product Dimensions: 7 x 0.8 x 10 inches Shipping Weight: 1.8 pounds (View shipping rates and policies) Average Customer Review: 4.5 out of 5 stars Â See all reviews (4 customer reviews) Best Sellers Rank: #636,682 in Books (See Top 100 in Books) #65 in Books > Business & Money > Processes & Infrastructure > Facility Management #196 in Books > Business & Money > Insurance > Risk Management #373 in Books > Textbooks > Engineering > Industrial Engineering

### **Customer Reviews**

Vulnerability Assessment of Physical Protection Systems is a "must have" for anyone tasked with the protection of assets. What sets this book apart from any other on the market is the systematic way it approaches the issue of vulnerability assessment. Anyone knowledgeable of the subject knows the rigor that must take place to legitimately conduct a vulnerability assessment. It is not a simple process of touring a facility and throwing money and equipment at obvious weaknesses in the system. A systematic approach is needed in which you can actually quantify improvements made. This text provides the tools to do just that. One of the strengths of this text is the approach it uses in dealing with the problem of vulnerability assessment. The book provides a step by step process in which to conduct such an assessment. The unique feature is the depth of the coverage. The methodology which is introduced and the process involved is state of the art. The process has been used for decades to protect our country's nuclear assets but, as pointed out in the book, the same process can be used to protect any asset. The methodology and approach to assessment are the same whether you are protecting nuclear assets or any other asset that is critical to your business. This book is a follow up to my favorite security book, Design and Evaluation of Physical Protection Systems, which was published in 2001. I have been using that text in my classes continuously since it was published and have been very pleased. Students enjoy it and really learn something from it. This new book by Mary Lynn Garcia tackles the specific issues of conducting a vulnerability assessment and issues touched on in the early book, but not at the same level.

The success of Design and Evaluation of Physical Protection Systems in 2001 by Mary Lynn Garcia as determined by the international security profession has induced a second book of equal statute from the author. This follow-up book Vulnerability Assessment of Physical Protection Systems provides an extension and amplification of the process of protection of assets for critical infrastructure. The security of assets whether they be financial, commercial, or national require physical protection systems that are comprehensive, robust and reliable. This 2006 publication provides the principles and concepts necessary to develop a comprehensive physical security system that is both robust and reliable. Mary Lynn Garcia has extended the approaches presented in the design and evaluation book to provide the reader with a detailed process of vulnerability assessment for the protection of assets. Again, a well-balanced account of theory and application of vulnerability assessment has been presented with a scientific methods approach. A feature of the text is the step-by-step details for conducting the vulnerability assessment of a physical protection system applied to facilities and infrastructure. The process commences with data gathering, through an analysis phase, improvement in design, and finally concludes with the reporting process to

principals in the organisation. Mary Lynn Garcia is to be commended for the structure and rigour of the presentation, with comprehensive description and discussion of the process of assets protection and assessment. There is no comparable book to Vulnerability Assessment of Physical Protection Systems on the international market and as such is at the leading edge of advanced security related texts for the serious consideration of asset protection.

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