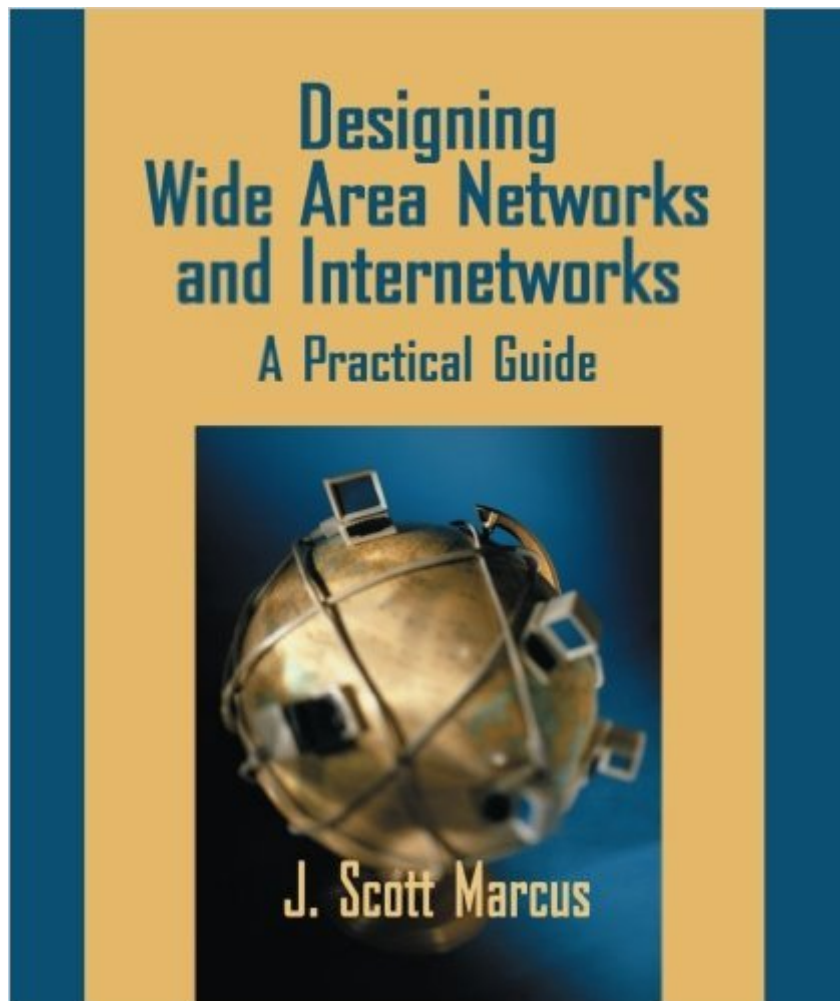


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# Designing Wide Area Networks And Internetworks: A Practical Guide: A Practical Guide



## Synopsis

Speedy, reliable, and secure communications are essential for maintaining an organization's competitiveness, and Wide Area Networks and Internetworks are quickly proliferating in order to meet this need. Building such a network, however, can be a daunting task; a large investment is required, and organizations must navigate through a dizzying array of technological and design options. /P> *Designing Wide Area Networks and Internetworks* clarifies this complex task by outlining a top-down, step-by-step process for constructing a WAN or internetwork that is effective for your organization. This book will guide you through the steps of determining requirements, designing the network structure, choosing appropriate technologies, and evaluating results. The author's practical approach distills exactly what you need to know about networking theory and technological background in order to accomplish a given task. On the financial side, it is important to note that the difference between a good design and a poor one can represent many millions of dollars per year. This book presents a quantitative, business-oriented approach to network design. It focuses on the economic and performance characteristics of various network technologies and carrier service options, and explains the conditions for which each is optimal.

## Book Information

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## Customer Reviews

This is finally a book that transcends the different telecommunications and computer networking technologies to provide a comprehensive treatment of network design based on experience. I am a networking professional myself but haven't read a networking book in a while and was hoping not to

find another Tanenbaum or Stallings type book clone. I am glad I read it and will probably use it as a reference here and there. The great value of the book is that it manages to outline a detailed approach to practical network design while not getting lost in the numerous technologies involved. As such it is an extremely worth-while reading for both experienced network professionals, novices, and as a text for graduate-level Computer Science and Electrical Engineering communications network courses.

vsat technology. Frame relay

This is a good book. I found lots of interesting information in it but also found a greater amount of useless information in it. The problem here is that Marcus doesn't really understand who his audience for this book will be. A lot of it is focused on big businesses or even ISP's developing wide area networks. However, I doubt either of these would look to this tiny 300 page book for answers. Marcus should realize that his primary audience will probably be small business administrators who don't have access to WAN specialists like a corporation would. He spends most of the book talking about providing service to networks which will quickly become overload by a plethora of users and talking about buying cross country direct and leased links between offices while he hardly acknowledges vpn as a viable means of connecting offices in a WAN. For most of the book I found myself wondering why I should give a care about what he was discussing. However, like I said this is a good book. It gives really good pointers to how you should go about designing a WAN and what areas people often overlook. Its just that all this useful info is surrounded by junk and I found myself, as a small business admin, really only enjoying/needing 5 of the 19 chapters.

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