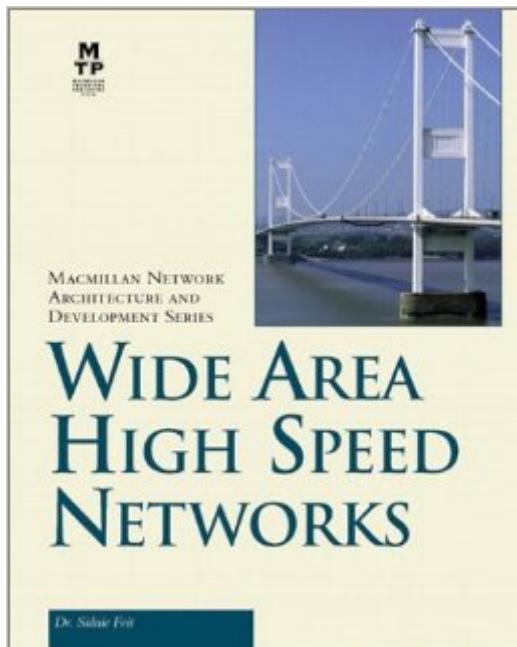


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# Wide Area High Speed Networks



## **Synopsis**

Today, ATM networks, SONET lines, frame relay networks, X.25 facilities, ISDN circuits, and conventional telephony lines coexist in a complex tapestry of networks. *Wide Area High Speed Networks* clearly explains each of these technologies in detail, describes how they interoperate, and shows how voice and data networks are merging. *Wide Area High Speed Networks* is an authoritative resource that enables networking designers and implementors to thoroughly understand each technology and determine when and where to use each type of component in their networks. A comprehensive guide to the latest in wide area technologies, this book covers the new high-speed telecommunications SONET/SDH hierarchy, how to use and manage ATM, SONET and ISDN transmission technologies, frame relay performance and service issues, converged voice/data networks, and detailed discussion of traditional telecommunications and data networks.

## **Book Information**

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## **Customer Reviews**

I was one of the technical reviewers of this book. It was pure pleasure reviewing this book. There are two major strengths of this book: First, Dr. Feit has the ability to take an extremely complex idea and break it down into logical components that are understandable by the average networker. You will find the book consistently using phrases such as "While ..... may seem complicated, it is really quite simple if we look at it like this...." Dr. Feit then shows you a new perspective on the topic that is understandable. Second, this book has the most concise and accurate description of both ISDN and

SONET that I have ever seen. While ALL of the areas were well done, I think that these areas are destined to become classics.No, I did not get paid nor requested to write this review.

This is without a doubt the best book that I have ever seen that deals with wide area networking. Dr. Sidnie Feit is marvelous about providing intelligent and understandable answers to questions that other authors that I have read have simply avoided.The book is valuable on a variety of levels. As an introductory text, the author paints a graphic high level picture of how wide area networks and the underlying telecommunications infrastructure work. But, not only does she do this, she also provides a lot of much more in depth explanation of the underlying technologies and protocols and how they work. As a reader who has gone from a real rookie in this field a year ago, to someone who now has a fair degree of knowledge, I have found this book invaluable. I have read many heavy duty specs during this past year and the perspective that I have gained from this book has made my understanding of them much smoother.I can recommend this book for readers of any level who wish to learn more about this subject. It is suitable for both students and working professionals. I reference it time and time again!

I worked for an ISP in the NOC and then is Provisioning Test and Turnup. At first I could not understand anything but if you get this book and get your paper and pencil and figure about how a T1 works and how it is composed you will then be able to understand all the way up to SONET. Actually do the math though to comprehend the speeds. This book will serve you well if you can take it.

This is one of the best books I found recently which gives a very good description of the various wide area networking technologies.I liked the part on ATM best.

I have read both Books by this author on LAN/WAN technology. The books provide a straight forward easy to understand overall view of networks. My main complaint is the hardback price. I actually have not bought the books yet i have only been reading them in the book shop. Before you dive in to learning about networks start with these books and you will process more complicated information faster.

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