



# Business Data Communications (6th Edition)

By William Stallings

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**Business Data Communications (6th Edition)** By William Stallings

*Business Data Communications, 6/e*, is ideal for use in Business Data Communications, Data Communications, and introductory Networking for Business courses.

*Business Data Communications, 6/e*, covers the fundamentals of data communications, networking, distributed applications, and network management and security. Stallings presents these concepts in a way that relates specifically to the business environment and the concerns of business management and staff, structuring his text around requirements, ingredients, and applications. While making liberal use of real-world case studies and charts and graphs to provide a business perspective, the book also provides the student with a solid grasp of the technical foundation of business data communications. Throughout the text, references to the interactive, online animations supply a powerful tool in understanding complex protocol mechanisms.

The Sixth Edition maintains Stallings' superlative support for either a research projects or modeling projects component in the course. The diverse set of projects and student exercises enables the instructor to use the book as a component in a rich and varied learning experience and to tailor a course plan to meet the specific needs of the instructor and students.

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## **Business Data Communications (6th Edition) By William Stallings Bibliography**

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## **Editorial Review**

### **From the Publisher**

Making liberal use of "real-world" cases, this text provides a comprehensive treatment of data communications and telecommunications from a business perspective. It gives students a solid grasp of the technical fundamentals of data communications, networking, distributed applications, and network management and security--always emphasizing the practical concerns of business management and staff. This latest edition has been updated with new material throughout, particularly in the area of multimedia technology and services for ISDN.

### **From the Back Cover**

The fourth edition of this highly successful book offers thorough coverage of data communication fundamentals that are key to network and information management. Best-selling author William Stallings provides authoritative and up-to-date coverage of the key issues for the business student, including high-speed networks, ATM and TCP/IP, as well as the use of the Internet, intranets, and extranets. This text presents concepts while relating them specifically to the business environment and simultaneously providing the reader with a solid understanding of the technical foundation of business data communications.

This book offers more in-depth coverage than other business data communications texts by integrating numerous real world case studies and comprehensive charts and graphics.

## **FEATURES and BENEFITS:**

- Comprehensive coverage of the Internet and World Wide Web
  - Students learn the mechanisms and capabilities of these integral technologies.
- Detailed examination of intranets, extranets, and client/server computing
  - Coverage of the newest and most important technology for corporate data communications.
- In depth discussion of all networking technologies, including LANs and WANs
  - Enables students to compare and evaluate competing approaches to make sound business decisions.
- Complete survey of network security and network management
  - Students learn the requirements and design issues involved in managing and safeguarding distributed systems.
- Solid coverage of TCP/IP
  - TCP/IP set of protocols form the foundation for all data networking.

### **About the Author**

Dr. William Stallings has authored 17 titles, and counting revised editions, over 41 books on computer security, computer networking, and computer architecture. In over 20 years in the field, he has been a technical contributor, technical manager, and an executive with several high-technology firms. Currently he is an independent consultant whose clients have included computer and networking manufacturers and customers, software development firms, and leading-edge government research institutions. He has received the award for the Best Computer Science textbook of the year from the Text and Academic Authors Association 10 times - most recently in 2008 for his text, *Computer Security: Principles and Practice*.

Dr. Stallings is a member of the editorial board of Cryptologia, a scholarly journal devoted to all aspects of cryptology. He is a frequent lecturer and author of numerous technical papers. Dr. Stallings created and maintains the Computer Science Student Resource Site, which provides documents and links on subjects of interest to computer science students and professionals. He holds a PhD from M.I.T. in Computer Science and a B.S. from Notre Dame in electrical engineering.

## **Users Review**

### **From reader reviews:**

#### **Veronica McFadden:**

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#### **Ronald Adams:**

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#### **Fernando Minaya:**

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