The growth of such mobile computing devices as laptops, personal digital assistants, and pocket PCs -- and the desire of mobile professionals for continual connections to the network without having to plug in -- is fueling the demand for wireless LAN access. As a result, wireless LANs are popping up all over the world and in all kinds of enterprises. These same enterprise customers will find that *World Wide Wi-Fi* by Teik-Kheong (TK) Tan and Benny Bing provides them with the knowledge they seek on cutting-edge wireless technology. It covers a range of topics that are "must know" for designing and developing the new wireless world.

Tan and Bing begin with a thorough overview of the rapid expansion of Wi-Fi wireless LAN technology and examine both technical and business challenges for continued growth. Next, they cover the activities of the various IEEE 802.11 tasks groups and identify essential elements of designing an effective Wi-Fi security system. What's more, they provide a broad survey of the issues related to Quality of Service (QoS) provisioning in integrated home wireless networks. Tan and Bing then present a case study on how hotspots can provide an interesting complement to cellphone networks. They also conduct a market analysis, examine the trends in the Integrated Circuit (IC) market plus the supply-and-demand side, and conclude that demand for wireless connectivity will spur wireless LAN growth for the foreseeable future. Finally, they focus on emerging trends in both Wi-Fi technology and business practices.

Up-to-date and easy to read, this excellent tool is ideal for the Wi-Fi beginner and a great refresher for anyone who wants to stay current in the field. *John R. Vacca*

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