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Implementing Interoperable Networks

Jim Geier

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Wireless LANs

Implementing Interoperable Networks

Jim Geier



Wireless LANs: Implementing Interoperable Networks

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FIRST EDITION

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Jim Geier is an internationally known consultant, author, and speaker on wireless LAN technologies and implementation strategies. He is currently the director of Network and Software Systems at Monarch Marking Systems, an international leader in providing bar code system solutions. Jim's department develops wireless system tools and application software for companies and organizations worldwide.

Jim is the author of *Wireless Networking Handbook* (1996, New Riders Publishing) and *Network Reengineering* (1996, McGraw-Hill), as well as numerous articles in leading publications, including *Network Magazine* and *Byte*. Jim has instructed courses internationally on computer-related topics, including wireless networking, software development, and project management, for George Washington University and Technology Training Corporation. He speaks regularly at conferences and tradeshows held throughout the world.

Jim served as chairman of the Institute of Electrical and Electronic Engineers (IEEE) Computer Society, Dayton Section, and chairman of the IEEE International Conference on Wireless LAN Implementation. He was an active member of the IEEE 802.11 working group, responsible for developing international standards for wireless LANs.

Jim's past 20 years of experience include a variety of consulting and management positions. At Wright-Patterson Air Force Base in Ohio, Jim managed the design and operational support of numerous LANs and a wide area network that supports over 10,000 users. For the base, he evaluated the effectiveness of wireless network technologies for use in mobile and portable office environments. He led the development of a tool to aid engineers in the installation of wireless networks and evaluated commercial network technologies for use with U.S. government mobile sensor systems.

He was the principal investigator for a small business innovative research grant to develop an automated software tool that assists engineers in planning, upgrading, and maintaining information systems. He managed a test team responsible for testing computer networks throughout the world. He has developed corporate information system standards for companies migrating from mainframe to client/server systems.

Jim holds a B.S. degree from California State University, Sacramento, and an M.S. degree from Air Force Institute of Technology, both in electrical engineering with emphasis in computer networks. As part of his master's thesis, he developed and implemented an adaptive automatic routing algorithm for a worldwide packet radio network.

Jim's hobbies include sailing and amateur radio (KC8KQH). He resides with his wife and four sons in Yellow Springs, Ohio. You can reach him at jimgeier@aol.com.

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