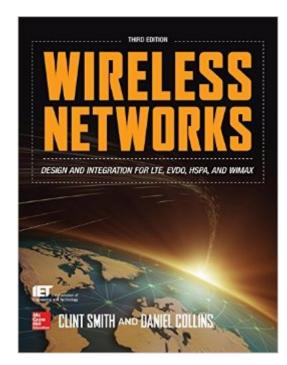
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# **Wireless Networks**





## Synopsis

Design Next-Generation Wireless Networks Using the Latest Technologies Fully updated throughout to address current and emerging technologies, standards, and protocols, Wireless Networks, Third Edition, explains wireless system design, high-speed voice and data transmission, internetworking protocols, and 4G convergence. New chapters cover LTE, WiMAX, WiFi, and backhaul. You'll learn how to successfully integrate LTE, WiMAX, UMTS, HSPA, CDMA2000/EVDO, and TD-SCDMA into existing cellular/PCS networks. Configure, manage, and optimize high-performance wireless networks with help from this thoroughly revised, practical guide. Comprehensive coverage includes: Overview of 3G wireless systems UMTS (WCDMA) and HSPA CDMA2000 and EVDO TD-SCDMA and TD-CDMA LTE WiMAX VoIP WiFi Broadband system RF design considerations Network design considerations Backhaul Antenna system selection, including MIMO System design for UMTS, CDMA2000 with EVDO, TD-SCDMA, TD-CDMA, LTE, and WiMAX Communication sites including in-building and colocation guidelines 5G and beyond

## **Book Information**

Hardcover: 752 pages Publisher: McGraw-Hill Education; 3 edition (May 28, 2014) Language: English ISBN-10: 0071819835 ISBN-13: 978-0071819831 Product Dimensions: 7.6 x 1.7 x 9.5 inches Shipping Weight: 3.1 pounds (View shipping rates and policies) Average Customer Review: 4.0 out of 5 stars Â See all reviews (1 customer review) Best Sellers Rank: #1,091,920 in Books (See Top 100 in Books) #105 in Books > Computers & Technology > Networking & Cloud Computing > Wireless Networks #390 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation #431 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio

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