

In this expanded third edition, you will learn how to:



Build a wireless network, either indoors or outdoors, using inexpensive 802.11 wireless networking equipment



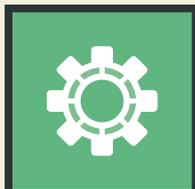
Understand the fundamentals of radio propagation



Learn about radio spectrum and regulation



Learn the basics of IP networking including IPv6



Do capacity and deployment planning



Understand how to monitor and maintain your network



Read Case Studies of projects where wireless networks are already deployed



Learn about Mesh Networking where each node serves as a relay for every other node in the network.

Wireless network infrastructure can be built for very little cost compared to traditional wired alternatives.

But building wireless networks is only partly about saving money. By providing people in your local community with cheaper and easier access to information, they will directly benefit from all that the Internet has to offer. The time and effort saved by having access to the global network of information translates into wealth on a local scale, as more work can be done in less time, with fewer resources, and with less effort.

WirelessU

The signal starts with U

[www.wirelessu.org](http://www.wirelessu.org)

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WIRELESS NETWORKING IN THE DEVELOPING WORLD

# WIRELESS NETWORKING IN THE DEVELOPING WORLD

A practical guide to planning and building low-cost telecommunications infrastructure

