

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.



**IN THIS EXPANDED SECOND EDITION,
YOU WILL LEARN HOW TO:**

- Build a wide-area wireless network using inexpensive 802.11 wireless networking equipment
- Share a common Internet connection between many sites
- Determine the economic feasibility of your network project
- Understand the basics of radio propagation, including environmental effects, transmission lines, and antenna characteristics
- Design and construct a solar power system for remote communications sites
- Implement every step needed to build a functioning wide area community wireless network, including feasibility and capacity planning, equipment selection, installation, monitoring, and ongoing maintenance

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WIRELESS NETWORKING IN THE DEVELOPING WORLD

SECOND EDITION

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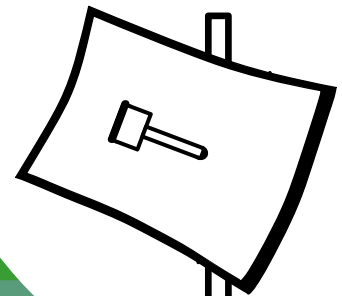


WIRELESS NETWORKING

IN THE DEVELOPING WORLD

SECOND EDITION

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



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