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NEW BOOK SHOWS HOW TO CONTROL YOUR CABLE MODEM

DerEngel, "Underground Prometheus of super-broadband," opens the box and explains what's going on inside

August 29, 2006, San Francisco—In the beginning there was dial-up, and it was slow; then came broadband in the form of cable, which redefined how we access the internet, share information, and communicate with each other online. **Hacking the Cable Modem** (No Starch Press, September 2006, <http://www.nostarch.com/cablemodem.htm>) goes inside the device that makes Internet via cable possible and, along the way, reveals secrets of many popular cable modems, including products from Motorola, RCA, WebSTAR, D-Link and more. The book's author, DerEngel, is regarded in hacker circles as the foremost expert on cable modems.

Once described in the media as “a dangerously unemployed U.S. coder,” the author now runs his own embedded development assembly business that seeks to improve hardware by modifying and experimenting with it. Sometimes dismissed as a thief or belittled as no better than a virus writer, DerEngel's activities have drawn attention from the Slashdot crowd, have been profiled by the SecurityFocus website, and have incited passionate debate in many an online forum.

Written for people at all skill levels, **Hacking the Cable Modem** features step-by-step tutorials with easy to follow diagrams, source code examples, hardware schematics, and previously unreleased cable modem hacks.

Readers of **Hacking The Cable Modem** will learn:

- the history of cable modem hacking
- how a cable modem and DOCSIS work
- the importance of firmware (including ways to install new firmware)
- how to unblock network ports and unlock hidden features
- how to hack and modify a cable modem
- what uncapping is and how it makes cable modems upload and download faster

“I don't like black boxes; I like to know how things work. The goal of this book and my point in publishing it is to show the many cable modem users how that black box works, how to understand it, and how to control it,” said Bill Pollock, founder of No Starch Press. “DerEngel demystifies cable modems for the legions of geeks who wonder just how the heck the thing works.”

For the idle tinkerer or active modder, **Hacking The Cable Modem** is sure to shed new light on cable Internet.

Additional Resources:

Table of contents: http://www.nostarch.com/cablemodem_toc.htm

Sample chapter: http://www.nostarch.com/download/cablemodem_ch17.pdf

ABOUT THE AUTHOR: Profiled by Security Focus, TechTV, and the Register, and the subject of multiple Slashdottings, DerEngel has been hailed as “the underground Prometheus of super-broadband.” He has written several programs to simplify and streamline cable-modem hacking since he started doing it himself in 2000. He currently heads TCNiSO, a group of hackers that has revolutionized reverse engineering techniques and produces free hackware.

Hacking the Cable Modem by DerEngel

September 2006, 312 pp., \$29.95, ISBN 1-59327-101-8,

<http://www.nostarch.com/cablemodem.htm>

Available at fine bookstores everywhere, from www.oreilly.com/nostarch, or directly from No Starch Press (www.nostarch.com, orders@nostarch.com, 800.420.7240).

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