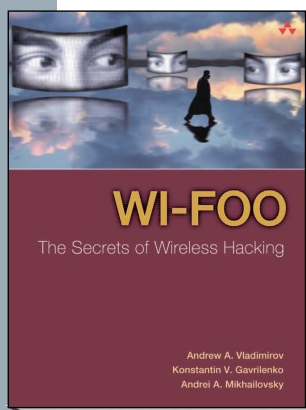


The definitive guide to penetrating
and defending wireless networks



ANDREW A. VLADIMIROV
KONSTANTIN V. GAVRILENKO
ANDREI A. MIKHAILOVSKY

WI-FOO

The Secrets of Wireless Hacking

Straight from the field, this is the definitive guide to hacking wireless networks. Authored by world-renowned wireless security auditors, this hands-on, practical guide covers everything you need to attack — or protect — any wireless network.

The authors introduce the “battlefield,” exposing today’s “wide open” 802.11 wireless networks and their attackers. One step at a time, you’ll master the attacker’s entire arsenal of hardware and software tools; crucial knowledge for crackers and auditors alike. Next, you’ll learn systematic countermeasures for building hardened wireless “citadels” — including cryptography-based techniques, authentication, wireless VPNs, intrusion detection, and more.

COVERAGE INCLUDES

- Step-by-step walkthroughs and explanations of wireless-specific attacks
- Building wireless hacking/auditing toolkit: detailed recommendations, ranging from network discovery tools to client cards chipsets and antennas
- Wardriving: network mapping and site surveying
- Potential weaknesses in current and emerging security protocols, including 802.11i, PPTP, and IPSec
- Implementing strong, multilayered defenses
- Wireless IDS: why attackers aren’t as untraceable as they think
- Wireless hacking and the law: what’s legal, what isn’t

ABOUT THE AUTHORS

ANDREW A. VLADIMIROV leads the wireless consultancy division at Arhont Ltd, one of the UK’s leading security consultants. He was one of the UK’s first IT professionals to obtain the coveted CWNA wireless certification.

KONSTANTIN V. GAVRILENKO co-founded Arhont Ltd. His 12+ years’ IT and security expertise includes wireless security, firewalls, cryptography, VPNs, and IDS.

ANDREI A. MIKHAILOVSKY has more than a decade of networking and security experience and has contributed extensively to Arhont’s security research papers.

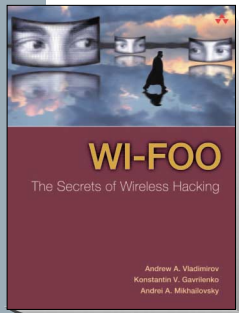
THE AUTHORS have been active participants in the IT security community for many years and are security testers for leading wireless equipment vendors.

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If you’re a hacker or security auditor, this book will get you *in*. If you’re a netadmin, sysadmin, consultant, or home user, it’ll keep everyone else *out*.


Addison
Wesley

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