

# CYBERDETERRENCE AND CYBERWAR

MARTIN C. LIBICKI

READ BY ERIK SANDVOLD

Protecting cyberspace has become a vital national interest because of its importance to both the economy and military power. An attacker may tamper with networks to steal information for money or to disrupt operations. Future wars are likely to be carried out, in part or entirely, in cyberspace. It might therefore seem that maneuvering in cyberspace is like maneuvering in other media. Nothing would be more misleading. Cyberspace has its own laws. It is easy to hide identities but not to predict or understand battle damage, and attacks deplete themselves quickly. Cyberwar is basically the manipulation of ambiguity. Libicki explores these topics in detail and uses the results to address such issues as the pros and cons of counterattack, the value of deterrence and vigilance, and other actions the United States can take to protect itself in the face of cyberattack.

**MARTIN C. LIBICKI** is a senior management scientist at the RAND Corporation whose research and analysis focuses on the relationship of information technology to national and domestic security. Selected publications include *How Terrorist Groups End: Lessons for Countering al Qaeda* and *Conquest in Cyberspace: National Security and Information Warfare*. He previously taught at the National Defense University and received his PhD from the University of California at Berkeley in 1978.

**ERIK SANDVOLD**, award-winning actor and narrator, graduated with honors from Northwestern University's theater department. His wide-ranging résumé includes major roles with leading theater companies in Colorado; over thirty national, regional, and local television commercials; many short and feature-length films; and the narration of over five hundred books and countless magazine articles for the Library of Congress.

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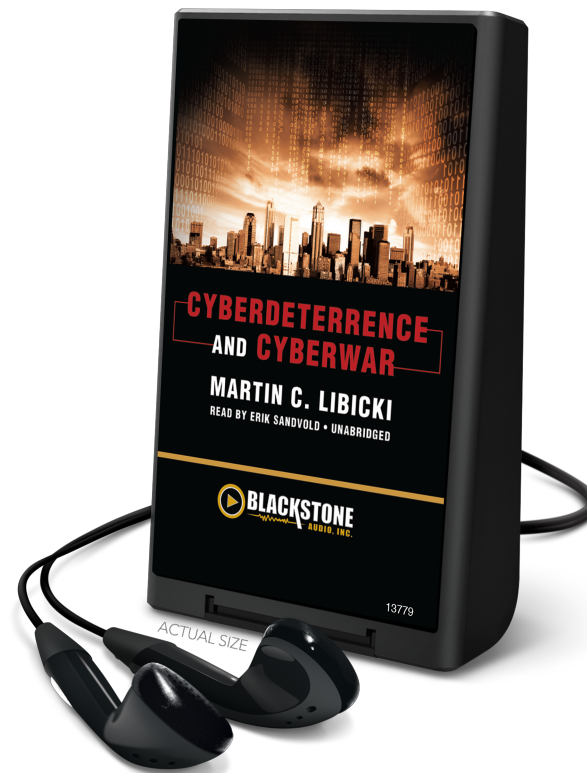
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