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# Surviving Cyberwar



## Synopsis

Military and intelligence leaders agree that the next major war is not likely to be fought on the battlefield but in cyber space. Richard Stiennon argues the era of cyber warfare has already begun. Recent cyber attacks on United States government departments and the Pentagon corroborate this claim. China has compromised email servers at the German Chancellery, Whitehall, and the Pentagon. In August 2008, Russia launched a cyber attack against Georgia that was commensurate with their invasion of South Ossetia. This was the first time that modern cyber attacks were used in conjunction with a physical attack. Every day, thousands of attempts are made to hack into America's critical infrastructure. These attacks, if successful, could have devastating consequences. In *Surviving Cyberwar*, Stiennon introduces cyberwar, outlines an effective defense against cyber threats, and explains how to prepare for future attacks. The book begins with Shawn Carpenter and his discovery that China had hacked into his work place, Sandia Labs; follows the rise of cyber espionage on the part of the Chinese People's Liberation Army (PLA) as increasingly sophisticated and overt attacks are carried out against government and military networks around the world; moves from cyber espionage to cyberwar itself, revealing the rise of distributed denial of service (DDoS) as a means of attacking servers, websites, and countries; provides a historical perspective on technology and warfare is provided, drawing on lessons learned from Sun Tsu to Lawrence of Arabia to Winston Churchill; and finishes by considering how major democracies are preparing for cyberwar and predicts ways that a new era of cyber conflict is going to impact the Internet, privacy, and the way the world works. This text is a stimulating and informative look at one of the gravest threats to Homeland Security today, offering new insights to technologists on the front lines, helping policy makers understand the challenges they face, and providing guidance for every organization to help reduce exposure to cyber threats. It is essential reading for anyone concerned with the current geopolitical state of affairs.

## Book Information

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## **Customer Reviews**

This is a well written book with a lot of valuable information. It is an eye opening experience for the reader. Richard Stiennon put together a very well rounded account of the current state and potential future of Cyber Warfare. I recommend you read it for the well grounded information it gives, on the often confusing and exaggerated subject of Cyber War.

This book is full of great information and insight for the novice security expert all the way up to and including the most advanced security expert. Its a great read then most of the books written about this topic. Kindle viewers may find it a bit difficult to read some of the text, but that should NOT deter you from the material being presented. The information being presented flows evenly and succinctly from chapter to chapter. I liked this book very much and found the material to be extremely helpful and educational.

The book was a little different than I expected. It provides a higher layer view of what's happening without going into fine technical detail. Many Americans feel that being security conscious is just being paranoid. This book dispels that myth and does a great job of explaining the types of Cyber Attacks that have occurred around the world. It's an eye opener. Because of this, it is very interesting reading and has the excitement of a novel. Then the author does a great job of explaining how to protect yourself, your company, and your country from these ever present attacks. Everyone thinks it won't happen to them - until it does.

Portions of this book have entire pages reproduced as images, rather than text, making them too small to read on a Kindle2, even with a magnifying glass. Do not waste your money!

After reading this book, it makes me realize that America has a long way to go in order to protect itself from malicious attacks, whether foreign or domestic. We CAN do it! America is THE No.1 nation in the world! It just takes commitment, time, brains, and money. The USA has all these.

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