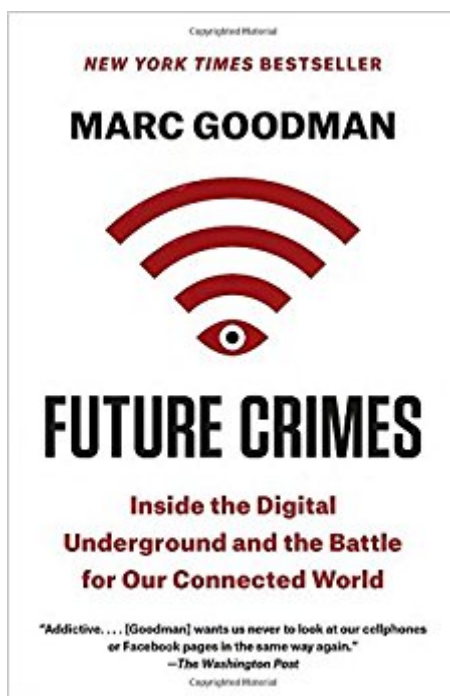


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Future Crimes: Inside The Digital Underground And The Battle For Our Connected World



Synopsis

NEW YORK TIMES and WALL STREET JOURNAL BESTSELLER
Technological advances have benefited our world in immeasurable ways, but there is an ominous flip side: our technology can be turned against us. And just over the horizon is a tidal wave of scientific progress that will leave our heads spinning—from implantable medical devices to drones and 3-D printers, all of which can be hacked, with disastrous consequences. With explosive insights based on a career in law enforcement and counterterrorism, leading authority on global security Marc Goodman takes readers on a vivid journey through the darkest recesses of the Internet. He explores how bad actors are primed to hijack the technologies of tomorrow. Provocative, thrilling, and ultimately empowering, *Future Crimes* will serve as an urgent call to action that shows how we can take back control of our own devices and harness technology's tremendous power for the betterment of humanity before it's too late.

Book Information

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Customer Reviews

An Best Book of the Month for March 2015: It won't surprise many people to read that computers, networks, and personal information are under constant attack. Most of us install a commonly available anti-virus program, mind our clicks, and hope for the best. More than that seems like work, and stories of data theft have become so ubiquitous that a certain amount of desensitization is probably inevitable. Well, Goodman's book should take care of that. When your C.V. includes titles like "futurist-in-residence with the FBI," you've seen who's creeping through those internet pipes,

and it's harrowing; his litany of cyber criminals and their multitudinous misdeeds are often shocking in their inventiveness and audacity, and Goodman brings the nightmares one after another at an almost breathless pace. But not all is hopeless--Goodman aims to educate, offering from high-level policy to practical layman's advice for buttoning down your own data. Despite the scare factor, it's a fun, fast, and fascinating 400 pages. My only quibble is with the title, which implies a coming threat. The threat is here, and the future is now. --Jon Foro --This text refers to an alternate Paperback edition.

NEW YORK TIMES and WALL STREET JOURNAL BESTSELLER'S BEST BUSINESS BOOK OF 2015
"Addictive....Introduces readers to this brave new world of technology, where robbers have been replaced by hackers, and victims include nearly anyone on the Web...He presents his myriad hard-to-imagine cybercrime examples in the kind of matter-of-fact voice he probably perfected as an investigator. He clearly wants us never to look at our cellphones or Facebook pages in the same way again...and in this, Future Crimes succeeds marvelously."
"Excellent and timely...Mr. Goodman is no neo-Luddite. He thinks innovations could ultimately lead to self-healing computer networks that detect hackers and automatically make repairs to shut them out. He rightly urges the private and public sectors to work more closely together, crowdsourcing ideas and know-how...The best time to start tackling future crimes is now."
"Future Crimes is a risk compendium for the Information Age....Exhaustively researched....Fascinating....Thrilling to read."
"In Future Crimes, Goodman spills out story after story about how technology has been used for illegal ends...The author ends with a series of recommendations that, while ambitious, appear sensible and constructive...Goodman's most promising idea is the creation of a 'Manhattan Project' for cyber security...[Future Crimes is] a ride well worth taking if we are to prevent the worst of his predictions from taking shape."
"A superb new book."
"You couldn't ask for a better [cyber risk] overview than Future Crimes."
"Marc Goodman is a go-to guide for all who want a good scaring about the dark side of technology."
"Utterly fascinating stuff...Goodman weds the joy of geeky technology with the tension of true crime. The future of crime prevention starts here."
"A well-researched whirlwind tour of internet-based crime."

you'll be afraid to turn on your e-reader or laptop, and you'll be looking with deep suspicion at your smartphone...[Goodman's] style is breezy but his approach is relentless, as he leads you from the guts of the Target data breach to the security vulnerabilities in social media...Mr. Goodman argues convincingly that we are addressing exponential growth in risky technologies with thinking that is, at best, incremental.

• Pittsburgh Post-Gazette "OMG, this is a wakeup call. The outlaws are running faster than the architects. Use this book to shake up the companies you buy from, the device makers, telecom carriers, and governments at all levels. Demand that they pay attention to the realities of our new world as outlined within this thorough and deep book. Marc Goodman will startle you with the ingenuity of the bad guys. I'm a technological optimist. Now I am an eyes-wide-open optimist."

• Kevin Kelly, "A co-founder of Wired Magazine and bestselling author of What Technology Wants" The hacks and heists detailed in Future Crimes are the stuff of thrillers, but unfortunately, the world of cybercrime is all too real. There could be no more sure-footed or knowledgeable companion than Marc Goodman on this guided tour of the underworld of the Internet. Everyone—and the business world especially—should heed his advice.

• Daniel H. Pink, New York Times bestselling author of Drive and To Sell is Human "A riveting read."

• Nassim Nicholas Taleb, professor of engineering at NYU and New York Times bestselling author of The Black Swan "From black ops to rogue bots and everything in between, Future Crimes is a gripping must-read."

• Marc Goodman takes readers on a brilliant, 'behind-the-screens' journey into the hidden world of 21st century criminal innovation, filled with one mind-boggling example after another of what's coming next. Future Crimes raises tough questions about the expanding role of technology in our lives and the importance of managing it for the benefit of all humanity. Even better, Goodman offers practical solutions so that we not only survive progress, but thrive to an extent never previously imagined.

• Peter H. Diamandis, New York Times bestselling author of Abundance; CEO, XPRIZE Foundation; Exec. Chairman, Singularity University "Future Crimes reads like a collection of unusually inventive, terrifying plots conjured up by the world's most ingenious science fiction writer...except that almost every story in this goosebump-raising book is happening all around us right now. It's a masterful page-turner that warns of a hundred worst case scenarios you've never thought of, while also thank goodness offering bold and clever strategies to thwart them."

• Jane McGonigal, New York Times bestselling author of Reality is Broken "As Marc Goodman shows in this highly readable book, what is going on in the background of your computer has turned the

internet into a fertile ground for massive crime. Future Crimes has the pace of a sci-fi film, but it's happening now. As new loopholes open up in cyberspace, people inevitably find ways to flow through them. Future-proof yourself by reading this book. No one has a better vantage point than Goodman, and you won't want to touch another keyboard until you know what's in these pages. David Eagleman, New York Times bestselling author of Incognito "Future Crimes is the Must Read Book of the Year. Endlessly fascinating, genuinely instructive, and truly frightening. Be warned: Once you pick it up, you won't put it down. Super cool and super interesting." Christopher Reich, New York Times bestselling author "Technology has always been a double edged sword. Fire kept us warm and cooked our food but also burned down our villages. Marc Goodman provides a deeply insightful view into our twenty-first century's fires. His philosophy matches my own: apply the promise of exponentially growing information technologies to overcome age old challenges of humankind while at the same time understand and contain the perils. This book provides a compelling roadmap to do just that." Ray Kurzweil, inventor, author and futurist "Much has been discussed regarding today's cybercrime threats as well as the cybercriminals' modus operandi. What is lacking, however, is what we can do about them. Mr. Marc Goodman's book Future Crimes brings our global dialogue on safety and security to the next level by exploring how potential criminals are exploiting new and emerging technologies for their nefarious purposes. It provides a futuristic perspective grounded on current case studies. Future Crime is an essential read for law enforcers, corporations and the community alike. It offers answers beyond what comes next to what we can do, both individually and collectively, to secure ourselves and our communities." Khoo Boon Hui, former President of Interpol "A tour de force of insight and foresight. Never before has somebody so masterfully researched and presented the frightening extent to which current and emerging technologies are harming national security, putting people's lives at risk, eroding privacy, and even altering our perceptions of reality. Future Crimes paints a sobering picture of how rapidly evolving threats to technology can lead to disasters that replicate around the world at machine speed. Goodman clearly demonstrates that we are following a failed cybersecurity strategy that requires new thinking rather than simply more frameworks, more information sharing, and more money. Read this now, and then get angry that we really haven't taken the technology threat seriously. If the right people read Goodman's book and take action, it might just save the world." Steven Chabinsky, former Deputy Assistant Director of the FBI's

Cyber Division" As with Naomi Klein's *This Changes Everything* and Robert Whitaker's *Anatomy of an Epidemic*, *Future Crimes* deserves a prominent place in our front-line library. Goodman takes us behind the computer screen to a dark world where Crime Inc. flourishes at our expense. When the criminal mind conceives "what if" it is only a matter of time before its dream becomes our nightmare. Goodman urges us to take responsibility for this new world we are speeding towards. If we don't perhaps the greater crime will be ours."

• Ed Burns, co-creator of *The Wire* "This is a fantastic book and one that should be read by every cyber crime fighter. Technology breeds crime...it always has and always will. Unfortunately, there will always be people willing to use technology in a negative self serving way. Your only defense is the most powerful tool available to you • education. Read *Future Crimes* and understand your risks and how to combat them. The question I am most often asked in my lectures is, "What's the next big crime?" The answer is in this book."

• Frank Abagnale, New York Times bestselling author of *Catch Me If You Can* and *Stealing Your Life* "Hacking robots and bad guys using AI and synthetic biology to carry out bad deeds may seem like science fiction, but that is the real world of *Future Crimes* that awaits us. Marc Goodman, one of the world's leading experts on the field, takes the reader on a scary, but eye-opening tour of the next generation nexus of crime, technology, and security."

• PW Singer, New York Times bestselling author of *Wired for War* "In this highly readable and exhaustive debut, [Marc Goodman] details the many ways in which hackers, organized criminals, terrorists and rogue governments are exploiting the vulnerability of our increasingly connected society...Goodman suggests solid actions to limit the impact of cybercrimes, ranging from increased technical literacy of the public to a massive government 'Manhattan Project' for cybersecurity to develop strategies against online threats. A powerful wake-up call to pay attention to our online lives."

• Kirkus "starred review" "[A] hair-raising exposé of cybercrime...Goodman's breathless but lucid account is good at conveying the potential perils of emerging technologies in layman's terms, and he sprinkles in deft narratives of the heists already enabled by them...A timely wake-up call."

• Publishers Weekly "Future Crimes is required reading for anyone who wants to comprehend the rise of cyber crime in an age of mass surveillance. Goodman goes beyond lurid headlines to explore the implications of technologies that are transforming every industry and society on Earth • in the process creating an ocean of real-time personal data plied by businesses, governments, and criminals alike. Far from a screed against tech, Marc Goodman's *Future Crimes* is an eye-opening and urgent call to action to

preserve the benefits of our high-tech revolution." — Daniel Suarez, New York Times
bestselling author of Daemon "In the wake of North Korea's cyber-terrorist attack on Sony as well as numerous hacker break-ins throughout the corporate world, it's become increasingly obvious that neither governments nor corporations are prepared for the onslaught of problems...Goodman nails the issue and provides useful input on the changes needed to make our systems and infrastructure more secure." — Inc.com

Scary acct of the many cyber crimes out there. The author certainly knows his stuff, but the book goes on and on, reporting horrible cyber crimes, but does not give any solutions until the very end of the book. After reading the lengthy accts of crimes, I was tempted to give up on computers. I would have liked to see more coverage of possible solutions and ways for average people to avoid trouble.

I'm writing this review on the day in which the news reported a massive hack at Anthem, exposing the private information of 80 million Americans, including names, birth dates, social security numbers, email addresses...everything an identity thief could use to good advantage to ruin your life. So the title of the book is actually wrong. These crimes are not from the future, they are happening even as I write this. The subtitle, "Everything is connected, everyone is vulnerable and what we can do about it" is misleading. From all I can see, there's very little the average person can do. Even if you dropped off the grid this second, closing your Google gmail account, your Facebook account, your online banking account, it wouldn't make a difference, since their information can be stored indefinitely. You will live in cyber space for generations to come. I recently had occasion to look for work, and many companies required me to check their website rather than approach them in person. When I found a position, the application was online. My new job requires an email address. If I go into a bricks and mortar store, my credit card history is stored in their computers. When I go to the doctor, the whole clinic has an electronic platform with my medical history. There is no escape. Is it convenient for people to shop, access medical and financial records, search the Internet, play games, watch movies, and chat with friends online? Absolutely. Our lives are much easier because of technology. But the law of unintended consequences applies, and what is easier for us is easier for thieves. They can topple governments and corporations and the little guy alike. This is an interesting book, but unfortunately it is also extremely depressing and frightening. The way the author sets it up heightens the pessimism, since he goes on for hundreds of pages of examples of the ways we are at risk. There is a very small section at the end with a few suggestions for change. I would have given it three stars because of the unrelieved gloom, except that the

subject matter is timely and every intelligent adult should be aware of the ramifications of modern life and technology, like it or not.

I have been involved with computer, network, and Internet security since the mid '70s. I started programming operating systems in 1968. This book collects all the threats we have faced historically in the first dozen chapters. Then Mr Goodman paints a very clear picture of the security and privacy threats we face in the next five to ten years. This book is a must read for everyone. Granted some parts of the book might get a little technical for some folks. Don't that stop you from reading it. It is written in a very clear and concise fashion that all readers will walk away from reading this book with their eyes wide open. Not only does Mr. Goodman identify the present and future threats, but he also offers good strategies and best practices that you can employ to mitigate a good many of the threats.

Very difficult to put down. Full of facts, but never tedious. Everyone should read this book to become aware of what's going on in cyberspace...

This is without a doubt one of the most compelling books regarding cyber crime that I have read in the last five years! I can NOT emphasize enough how important this book is to read if you have anything to do with the internet whether you are just shopping, surfing or running a business of ANY size. I consider this MUST HAVE information. This author was interviewed on one of my tech shows a week ago and after just a few minutes I realized I needed to read this book. I am half way through and can hardly put it down. This information should be REQUIRED reading for all students even thinking about getting into business on the internet. Do yourself a favor and just read the introduction and/or sample pages on . You will be unpleasantly surprised to find out just how vulnerable you and our government really are. Don't get scammed! Read this book.

This book completely changed my perception of the internet. Which was an incredible thing for me considering the fact that I'm a software engineer. I thought I knew everything about software and how crime is carried out over the internet. I was VERY wrong. This is a great read for anybody interested in technology and how it affects us. It can definitely be a little dry in some areas and overflowing with statistics, but I'd recommend this book to anyone. It will surely make you think differently about the world.

Goodman delivers a fantastic look at the underbelly of the Internet and the exposure we all face. People of all walks of life are becoming increasingly dependent on technology, while simultaneously expecting the black box that delivers it to "just work" without their understanding of how it works. This book is a very approachable and welcome view of the risks we face below the surface and how we can protect ourselves.

Future Crimes does a great job of describing the dangers of our headlong rush to create an connected world in spite of the daily reports of lack of security and invasions of personal information. As the title suggests, the book goes beyond the things we're constantly hearing about on the news today to the risks that may develop in the future including bio-hacking. Written so those who are moderately literate with today's technology can follow. I'd suggest to anyone who is using today's cyber-system in their daily life (which includes almost all of us here in the U.S.)

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