



THIS MACHINE KILLS SECRETS

How WikiLeaks, Cypherpunks, and
Hacktivists Aim to
Free the World's Information

ANDY GREENBERG



DUTTON

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TIM MAY

Intel physicist, libertarian, and crypto-anarchist thinker who would cofound the cypherpunks in 1991 and create a thought-experiment prototype for cryptographically anonymous leaks called BlackNet.

PHIL ZIMMERMANN

Applied cryptographer whose Pretty Good Privacy program (PGP) brought free, strong encryption to the masses. His investigation by the U.S. Justice Department from 1993 to 1996 ignited a debate over users' right to uncrackable encryption.

DAVID CHAUM

Inventor and academic whose anonymity systems, including DC-Nets and Mix Networks, would inspire the cypherpunks and lead to tools like anonymous remailers and Tor.

ERIC HUGHES

Mathematician, cryptographer, and cofounder of the cypherpunks who ran one of the Internet's first anonymous remailers.

JOHN GILMORE

Former Sun Microsystems programmer who would cofound the cypherpunks as well as the Electronic Frontier Foundation.

JOHN YOUNG

Architect, activist, and cypherpunk who founded Cryptome.org in 1996, a leak-focused site that has published thousands of names of intelligence agents and their sources, along with hundreds of secret encryption- and security-related documents.

JULF HELSINGIUS

Finnish systems administrator and privacy advocate, Helsingius created the Penet anonymous remailer and faced legal pressure from the

CHARACTERS

(IN ORDER OF APPEARANCE)

JULIAN ASSANGE

Founder of WikiLeaks, former hacker, cypherpunk, and activist who demonstrated the power of digital, anonymous leaking by publishing record-breaking collections of secret corporate and government material.

DANIEL ELLSBERG

Military analyst who from 1969 to 1971 exfiltrated and leaked the top secret Pentagon Papers to *The New York Times* and seventeen other newspapers.

BRADLEY MANNING

Army private who, at the age of twenty-two, allegedly leaked a trove of secret military and State Department documents to WikiLeaks that would become the largest-ever public disclosure of classified materials.

ADRIAN LAMO

A former hacker and homeless wanderer to whom Manning confessed his leak. Lamo turned Manning in to army investigators.

Church of Scientology that demanded he turn over the identity of one of his users.

JIM BELL

Engineer and libertarian whose 1997 essay "Assassination Politics" described a system of using encryption to facilitate anonymous, untraceable, and crowd-funded contract killings.

JACOB APPELBAUM

Activist, hacker, and developer for the Tor anonymity network who befriended Julian Assange and became the WikiLeaks' primary American associate.

PAUL SYVERSON

Logician and cryptographer in the Naval Research Laboratory who is credited with inventing the anonymous communications protocol known as "onion routing."

NICK MATHEWSON AND ROGER DINGLELINE

Two MIT researchers who worked with Syverson to develop onion routing into a usable tool and then a nonprofit known as the Tor Project.

PEITER "MUDGE" ZATKO

Former "gray hat hacker" who served as a spokesperson for the hacker group the L0pht. Now leads the cybersecurity division of the Pentagon's Defense Advanced Research Projects Agency, including its program to find a method of rooting out rogue insiders known as CINDER or Cyber Insider Threat.

AARON BARR

Former chief executive of HBGary Federal, a small D.C. security firm that touted his methods for unmasking anonymous hackers and leakers.

THOMAS DRAKE

National Security Agency whistleblower who was threatened with prosecution under the Espionage Act for communicating with a reporter regarding alleged financial fraud and waste at the agency.

BIRGITTA JÓNSDÓTTIR

Icelandic member of parliament, poet, and activist who worked with WikiLeaks and is pushing a collection of radical transparency bills through Iceland's legislature known as the Icelandic Modern Media Initiative.

DANIEL DOMSCHEIT-BERG

German former WikiLeaks associate who worked closely with Assange but was pushed out of the group in the fall of 2010. He has since engaged in a bitter feud with Assange and founded his own digital whistleblower group known as OpenLeaks.

ATANAS TCHOBANOV AND ASSEN YORDANOV

Two Bulgarian investigative reporters who founded the independent media outlet Bivol and were inspired by WikiLeaks to create the Bulgaria-focused leak site BalkanLeaks.

ANDY MÜLLER-MAGUHN

Former member of the board of the German hacker group the Chaos Computer Club. Müller-Maguhn worked with WikiLeaks and served as an intermediary in the dispute between Assange and Domscheit-Berg.

THE ARCHITECT

Secretive and pseudonymous engineer who worked with Assange and Domscheit-Berg to set up a revamped submission system for WikiLeaks in late 2009 and 2010. After a falling-out with Assange, he joined Domscheit-Berg at OpenLeaks.

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