

EDWARD SNOWDEN

AN INTRODUCTION

EVEN IF YOU'RE NOT DOING ANYTHING WRONG, YOU'RE BEING WATCHED AND RECORDED. AND THE STORAGE CAPABILITY OF THESE SYSTEMS INCREASES EVERY YEAR CONSISTENTLY BY ORDERS OF MAGNITUDE... THEY CAN USE THIS SYSTEM TO GO BACK IN TIME AND SCRUTINIZE EVERY DECISION YOU'VE EVER MADE, EVERY FRIEND YOU'VE EVER DISCUSSED SOMETHING WITH AND ATTACK YOU ON THAT BASIS... TO DERIVE SUSPICION FROM AN INNOCENT LIFE AND PAINT ANYONE IN THE CONTEXT OF A WRONGDOER. – Edward Snowden



QUICK BIO

- American Computer Professional
- Former System Administrator for CIA
- Counterintelligence Trainer at DIA
- Came to international attention after:
 - Leaking documents regarding programs of Government Surveillance on the public
 - Many of them run by NSA (National Security Agency)
- Huge subject of controversy
 - Two Court Rulings split on the constitutionality of the NSA's bulk collection of telephone recordings
- Fled Country, now resides in an undisclosed location in Russia



Resident patriot



WHAT DID HE LEAK?

-Exact size of Snowden's disclosures is unknown.

-Upwards of:

-15,000+ Australian Intelligence Files

-58,000 British Intelligence Files

-Anywhere from 50,000-200,000 NSA intelligence files



In July 2014, *The Washington Post* reported on a cache previously provided by Snowden from domestic NSA operations consisting of "roughly 160,000 intercepted e-mail and instant-message conversations, some of them hundreds of pages long, and 7,900 documents taken from more than 11,000 online accounts."

WHAT HE FOUND

-First Program reveal: **PRISM**

- Database Collection Effort Program
- Collects stored Internet Communications from several Internet Companies
 - Google
 - Verizon Telecommunications
- #1 Source of NSA's raw intelligence used for analytic reports
- Program founded in 2008 under "Protect America Act"

TOP SECRET//SI//ORCON//NOFORN

SPECIAL SOURCE OPERATIONS (TS//SI//NF) PRISM Collection Details

Current Providers

- Microsoft (Hotmail, etc.)
- Google
- Yahoo!
- Facebook
- PalTalk
- YouTube
- Skype
- AOL
- Apple

What Will You Receive in Collection (Surveillance and Stored Comms)?
It varies by provider. In general:

- E-mail
- Chat – video, voice
- Videos
- Photos
- Stored data
- VoIP
- File transfers
- Video Conferencing
- Notifications of target activity – logins, etc.
- Online Social Networking details
- Special Requests

Complete list and details on PRISM web page:
Go PRISMFAA

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Looking into "Civilian

Hospitals, Private Businesses

Apple, Facebook, Hotmail, Gmail,

WHAT HE FOUND 2

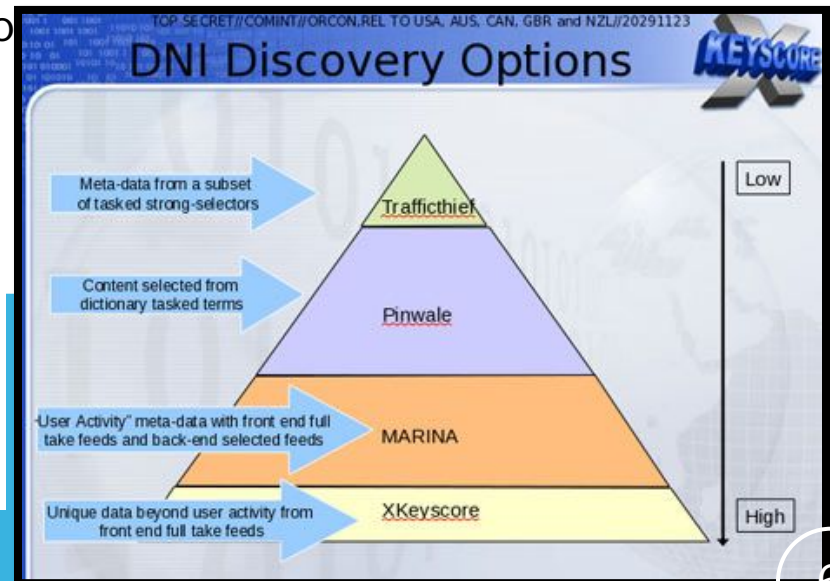
-XKeyScore

- "Formerly" secret computer system
- Several hundred databases, backend programs, used for surveillance of any kind of internet use.
- XKeyScore "watches" and "listens" but leaves no trace of its workings on any user interface.

Snowden on XKeyScore:

"You could read anyone's email in the world, anybody you've got an email address for. Any website: You can watch traffic to and from it. Any computer that an individual sits at: You

I can track your real name, I can track associations with your friends and I can build what's called a fingerprint, which is network activity unique to you, which means anywhere you go in the world, anywhere you try to sort of hide your online presence, your identity."



OTHER DISCOVERIES BY SNOWDEN

- NSA “harvest” of millions of email messages, text messages and contact lists compiled from millions of civilian Yahoo and Google Users
- NSA “Black Budget” revealing over 16 spy agency programs that failed.
- NSA giving over 52 billion dollars in grants to U.S. Private technology companies for use of their surveillance software.

An NSA mission statement titled "SIGINT Strategy 2012-2016" affirmed that the NSA plans for continued expansion of surveillance activities. Their stated goal was to "dramatically increase mastery of the global network" and "acquire the capabilities to gather intelligence on anyone, anytime, anywhere."

Leaked slides revealed in Greenwald's book *No Place to Hide*, released in May 2014, showed that the NSA's stated objective was to "Collect it All," "Process it All," "Exploit it All," "Partner it All," "Sniff it All" and "Know it All."^[176]



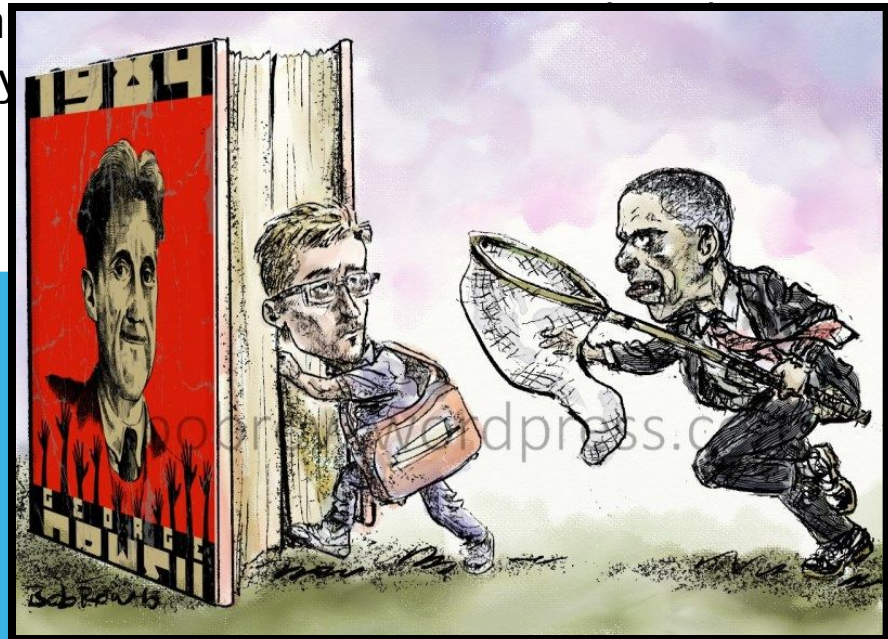
SO WHY DID HE DO IT?

Snowden gave up a very good job, even his asylum in the United States because of his information leaks. Here a couple quotes explaining why:

- "I can't in good conscience allow the US government to destroy privacy, internet freedom and basic liberties for people around the world with this massive surveillance machine they're secretly building."
- "Even if you're not doing anything wrong, you're being watched and recorded. ...it's getting to the point where you don't have to have done anything wrong, you simply have to eventually fall under suspicion from somebody, even by a wrong call, and then they can use this system to go back in time and scrutinize every decision you've ever made, every friend you've ever discussed something with, and attack you on that basis, to sort of derive suspicion from an innocent life."

SOME MORE REASONS...

- "I don't see myself as a hero because what I'm doing is self-interested: I don't want to live in a world where there's no privacy and therefore no room for intellectual exploration and creativity."
- "To do that, the NSA specifically targets the communications of everyone. It ingests them by default. It collects them in its system and it filters them and it analyzes them and it measures them and it stores them for periods of time simply because that's the easiest, most efficient and most valuable way to achieve these ends. So while they may be intending to target someone associated with a foreign suspect of terrorism, they do so."



SO WHAT? IT'S NOT A BIG DEAL!

His first answer called for a reform of government policies. Some people take the position that they “don’t have anything to hide,” but he argued that when you say that, “You’re inverting the model of responsibility for how rights work”:



When you say, ‘I have nothing to hide,’ you’re saying, ‘I don’t care about this right.’ You’re saying, ‘I don’t have this right, because I’ve got to the point where I have to justify it.’ The way rights work is, the government has to justify its intrusion into your rights”

THE THREAT OF SNOWDEN'S ACTIONS

Snowden has caused "profound damage," Director of National Intelligence James Clapper said at a Senate committee hearing dedicated to the gravest threats facing the U.S.

Snowden was said to put at risk the lives of countless U.S. spies, intelligence assets and troops in harm's way by the assembled U.S. officials.

As a consequence, the nation is less safe and its people less secure

al Qaeda terrorists "are going to school" with each classified document provided to journalists by Snowden.

"What Snowden has stolen and exposed has gone way, way beyond his professed concerns with so-called domestic surveillance programs. As a result, we've



foreign intelligence sources, some shared us by valued ers." Clapper

"But I think that potentially the greatest cost is unknown today, but we will likely face, is the cost in human lives in tomorrow's battlefield in someplace where we put our military forces in harm's way." DIA Director Army Lt. Gen. Michael Flynn

CITIZEN FOUR

Watch this...



**Pivotal moments of the
documentary:**

<https://www.youtube.com/watch?v=6yYYuBCfzh4>

SOME QUESTIONS:

1. **What do you think about these leaks? Do you believe Snowden?**
2. **Do you consider Snowden a traitor or a hero?**
3. **Should we be concerned about the covert surveillance of the government? Or is it there to protect us?**
4. **How can we connect this to *1984*?**

