

# Infosec & contra-surveillance

Bij falende politiek gebruiken we technologie om  
privacy & vrijheid van meningsuiting te garanderen

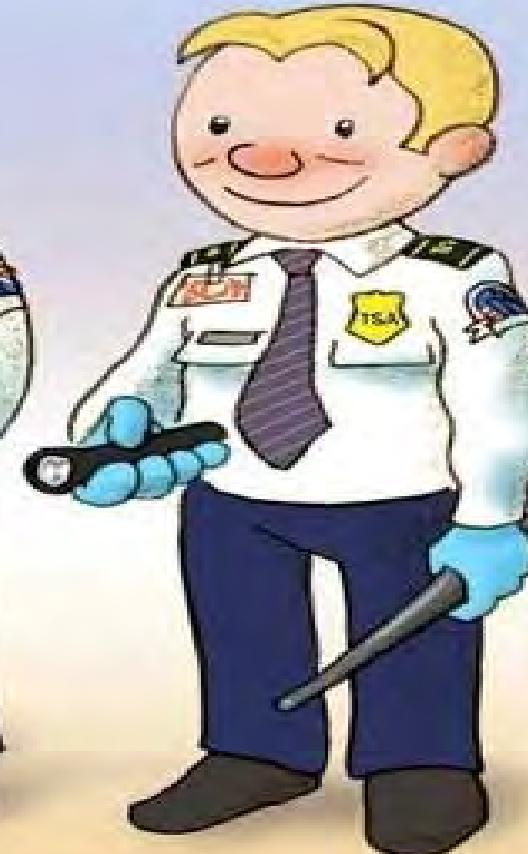


Arjen Kamphuis

a.kamphuis@brunel.net

# My First cavity Search

Helping your child understand why he  
may pose a threat to National Security



Ages 6  
and up

Art



Homeland  
Security

# THE MIDDLE EAST

ISRAEL

SYRIA

EGYPT

IRAN

JORDAN

SAUDI ARABIA



SECY GATES MEETING WITH ISRAEL'S MINISTER OF DEFENSE EHUD BARAK **LIVE DESK**

HAT THE GOVT DID NOT COERCE CHRYSL DOW ▼ 37.94



*"I'm right there in the room, and no  
one even acknowledges me."*



**Mein Vater sagt,  
Sie können in  
meinen Computer  
gucken**

**Das ist nicht  
dein Vater**

## For the NSA, espionage was a means to strengthen the US position in climate negotiations

At the Copenhagen Climate Summit in 2009, the world's nations were supposed to reach an agreement that would protect future generations against catastrophic climate change. But not everyone was playing by the rules. A leaked document now reveals that the US employed the NSA, its signals intelligence agency, to intercept information about other countries' views on the climate negotiations before and during the summit. According to observers, the spying may have contributed to the Americans getting their way in the negotiations



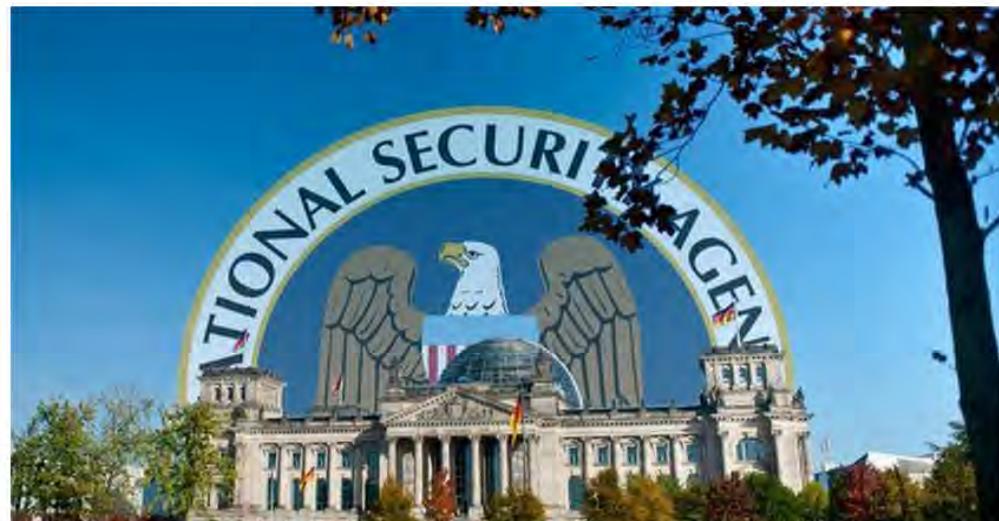
03.06.2015 10:19



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## Ex-BND-General: NSA wanted to pursue economic espionage

vorlesen / MP3-Download



(Photo: German Bundestag / Simone M. Neumann / NSA)

**A former BND department chief has confirmed that the NSA wanted to scour the abgefischten in the operation eikonal data for keywords like "EADS" or "Eurocopter". Killer drones could be fed by "lucky strike".**

Dieter Urmann, formerly Head of Technical education at the Federal Intelligence Service (BND) has, for the first time publicly admitted that the NSA a Frankfurt hub of Deutsche Telekom not only because of spying to combat terrorism and weapons proliferation. The retired Brigadier General confirmed on Thursday in NSA investigative committee of the Bundestag a [report](#), after which it the US intelligence cooperation project in the [eikonal](#) was after about on "EADS", "Eurocopter" and "French authorities".

This was noticed from a list of "selectors", which tried to foist the BND the foreign partner, led the 63-year-old during his [questioning of witnesses](#) from. Generally I'm a project of this size, "every day something else, not just one of those things". In principle, however, was determined from the outset that "not German citizens or

Display

## Top News

Energy Transition: New power lines may be on existing routes

Intel Xeon processor-D-1500: Anti-ARM server

Mail Encryption: Cautious response to PGP for De-Mail users

Censorship jack rights: WordPress and Blogger win in court against DMCA abuse

Telekom is also to telephone lines without DSL to IP technology

## Top-Newsletter

The main messages 2 x week.



E-Mail-Adresse

Sign In

[Privacy Policy](#)



c't

### Shariff for more privacy

Just a click requires further development of our two-click solution for safe parts per button social network.

## Telepolis

### Send Kosmogramm or not?

Dispute at this year held in San José Triple-A Conference



# WikiLeaks Publishes NSA Documents Detailing Economic Espionage by 'Five Eyes' Alliance Against France

KEVIN GOSZTOLA JUNE 29, 2015 AT 12:00 PM PDT 1 COMMENT



Graphic created by WikiLeaks for release of documents showing French economic espionage

WikiLeaks published documents from the National Security Agency showing details of economic espionage against France by the "Five Eyes" alliance, which consists of the United States, Great Britain, Canada, Australia and New Zealand.

One document is an "information need" [spying order](#) that was first created in 2002. It shows that the alliance sought information on economic relations with the United States, French business practices, relations with least developed countries and transitional states, foreign contracts, French trade, French views, views on G8/G20 developments/issues, budgetary constraints/contributions to NATO, and "questionable

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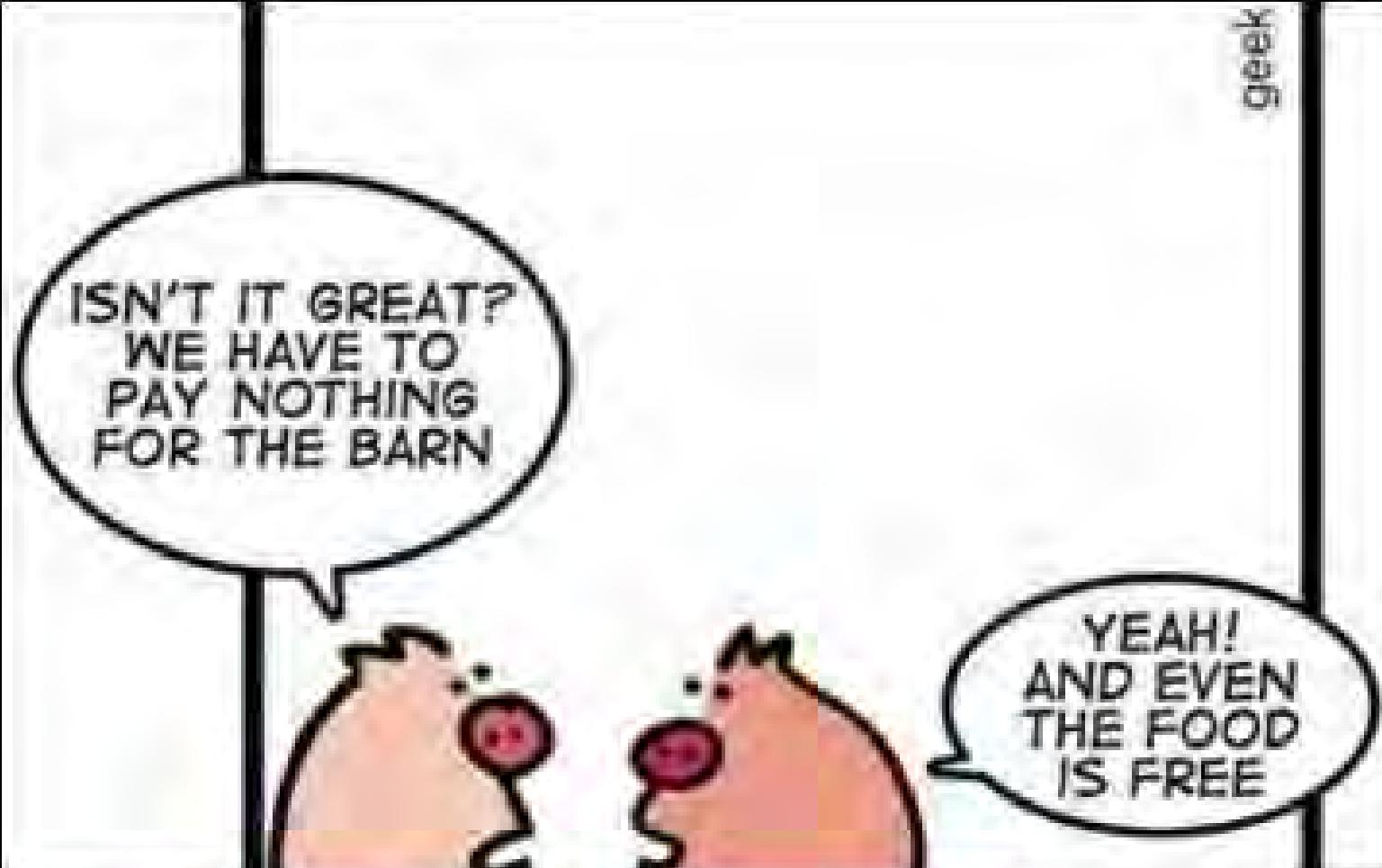
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[WikiLeaks Publishes NSA Documents](#)



ISN'T IT GREAT?  
WE HAVE TO  
PAY NOTHING  
FOR THE BARN

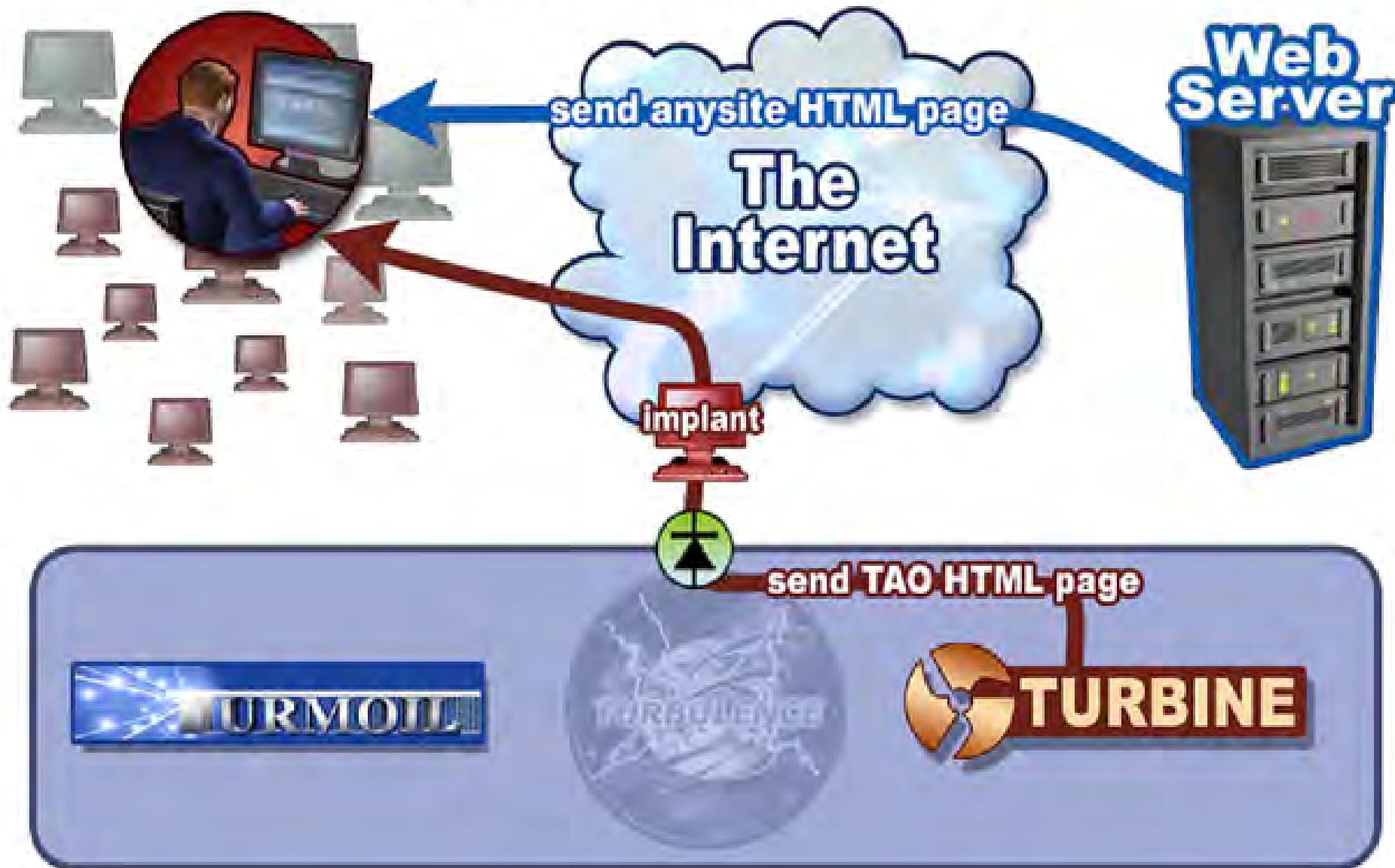
YEAH!  
AND EVEN  
THE FOOD  
IS FREE

# FACEBOOK AND YOU

If you're not paying for it, you're not the customer. You're the product being sold.



# QUANTUMINSERT



# NSA slides reveal: iPhone users are all ZOMBIES

OK, not literally. Plus: Our favourite spooks show us how to hack an iPhone – report

By Bill Ray, 9th September 2013



34

## RELATED STORIES

US intelligence: Snowden's latest leaks 'road map' for adversaries

**Analysis** That earth-shattering

Spooks at the US National Security Agency (NSA) can't believe we're all paying for the equipment it's using to spy on us, describing Steve Jobs as Big Brother and iPhone buyers as "zombies".

That assertion comes from NSA documents leaked to Germany's [Spiegel Online](#).

The self-promoting presentation, purportedly an internal NSA report from 2010 titled "Exploring Current Trends, Targets and Techniques", includes a number of slides presenting snapshots of grinning iPhone-brandishing customers as analogous to the "zombies" brainwashed by Big Brother – in a reference to George Orwell's *Nineteen Eighty-Four*.



Mobile

# Malware Is Still Spying On You Even When Your Mobile Is Off



## Malware Analysis



FEBRUARY 18, 2015

Newly discovered Android malware hijacks your phone when you believe you have switched it off.

Android

Hynek Blinka

malware

Mobile

AVG  
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Series: Glenn Greenwald on security and liberty

# Revealed: how Microsoft handed the NSA access to encrypted messages

- Secret files show scale of Silicon Valley co-operation on Prism
- Outlook.com encryption unlocked even before official launch
- Skype worked to enable Prism collection of video calls
- Company says it is legally compelled to comply

---

**Glenn Greenwald, Ewen MacAskill, Laura Poitras, Spencer Ackerman and Dominic Rushe**

The Guardian, Thursday 11 July 2013 18.53 BST

 Jump to comments (1971)



# NSA Strategic Partnerships

Alliances with over 80 Major Global Corporations Supporting both Missions

- Telecommunications & Network Service Providers
- Network Infrastructure
- Hardware Platforms
- Desktops/Servers
- Operating Systems
- Applications Software
- Security Hardware & Software
- System Integrators



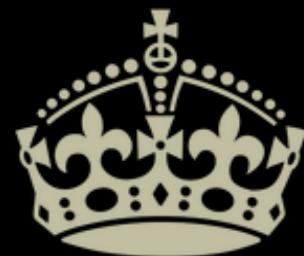


# TIN FOIL

FREE YOUR MIND

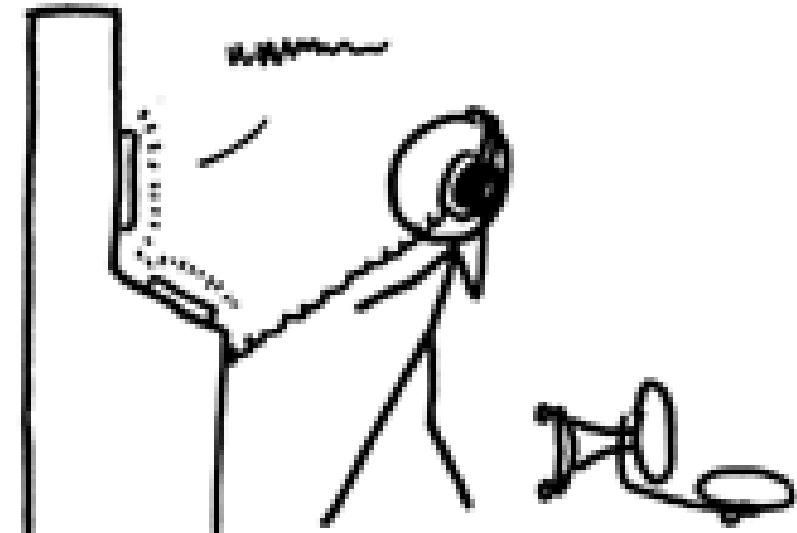
A yellow diamond-shaped road sign with a black double border and a black center line, set against a background of a clear blue sky with a few wispy white clouds. The sign contains the text "Now what?" in large, bold, black, sans-serif capital letters.

**Now  
what?**



KEEP  
CALM  
AND  
FIGHT  
BACK

NOW AND THEN, I ANNOUNCE "I KNOW  
YOU'RE LISTENING" TO EMPTY ROOMS.



IF I'M WRONG, NO ONE KNOWS.  
AND IF I'M RIGHT, MAYBE I JUST FREAKED  
THE HELL OUT OF SOME SECRET ORGANIZATION.



U.S. AIR FORCE

6166

435TH AW

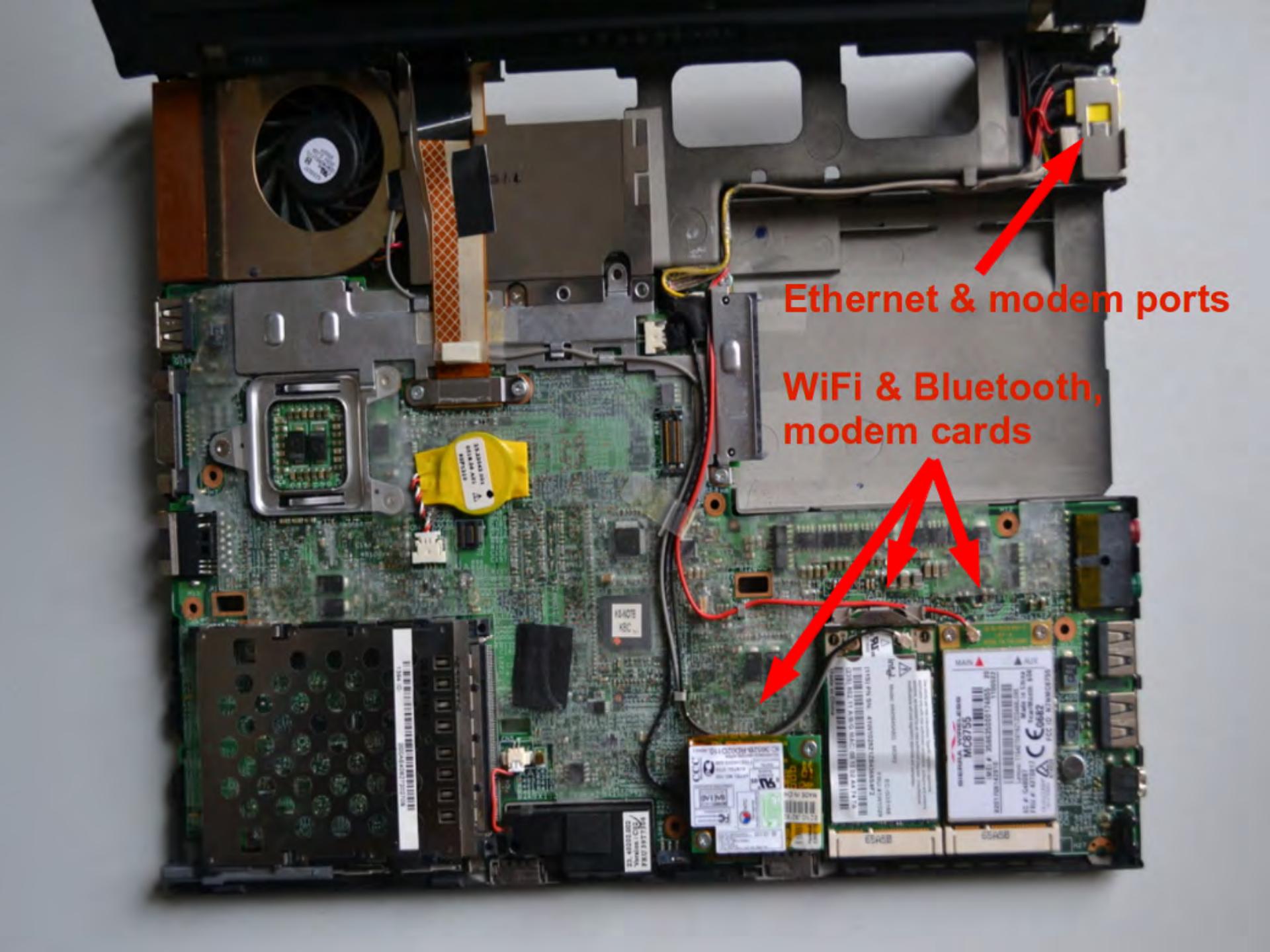
435TH AS

NSA budget: \$100+ billion  
(ongeveer \$0,10 per internet(s)ter per dag)



Verhoog de kosten van surveillance op jou  
van \$0,10 per dag naar \$100.000+ per dag





Ethernet & modem ports

WiFi & Bluetooth,  
modem cards

# Ef How Tor Works: 2



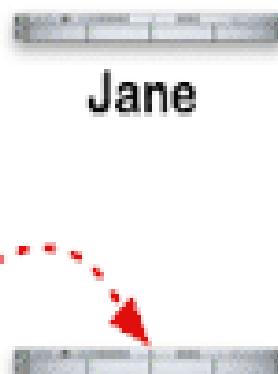
Alice



Step 2: Alice's Tor client picks a random path to destination server. **Green links** are encrypted, **red links** are in the clear.



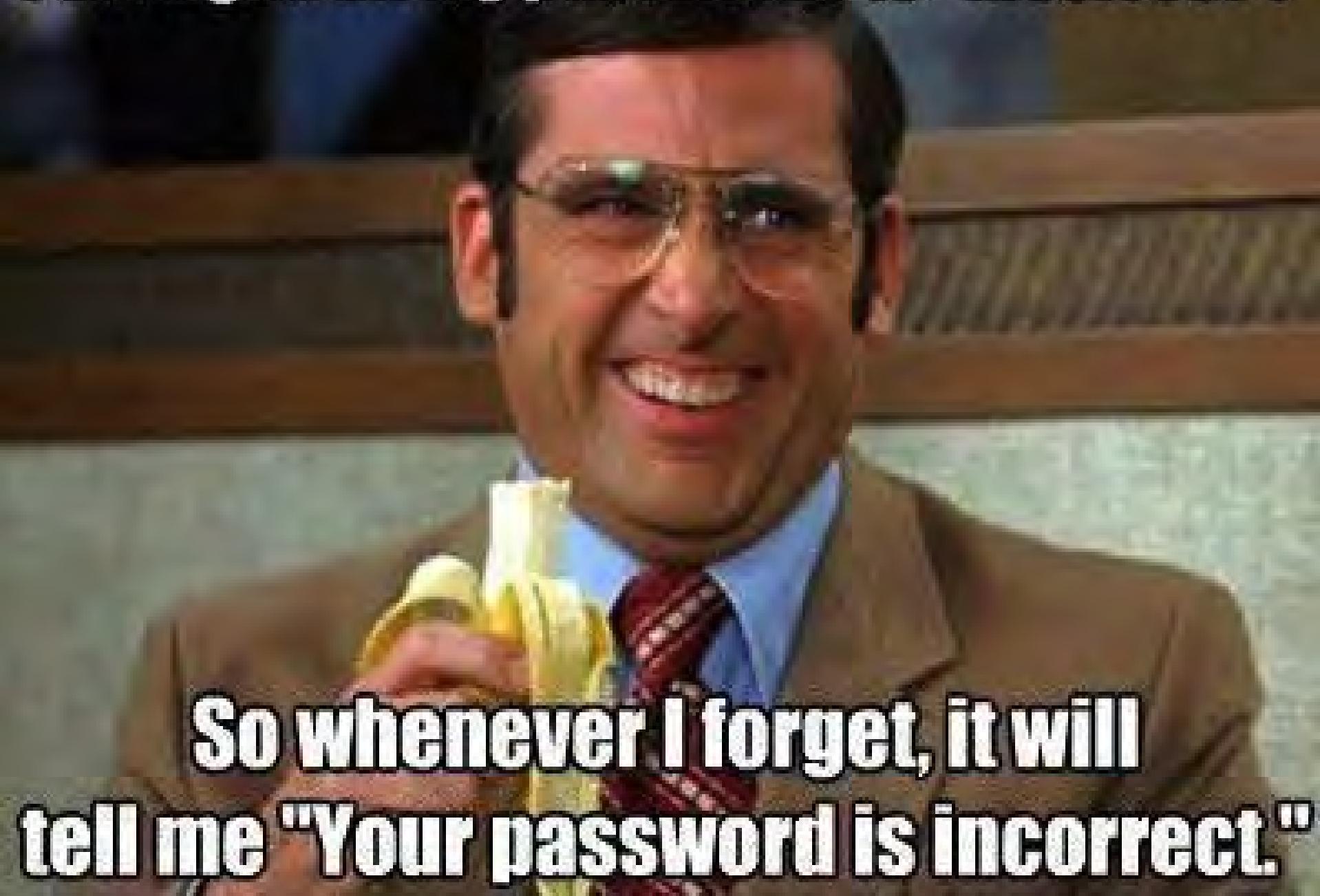
Jane



Bob

Dave

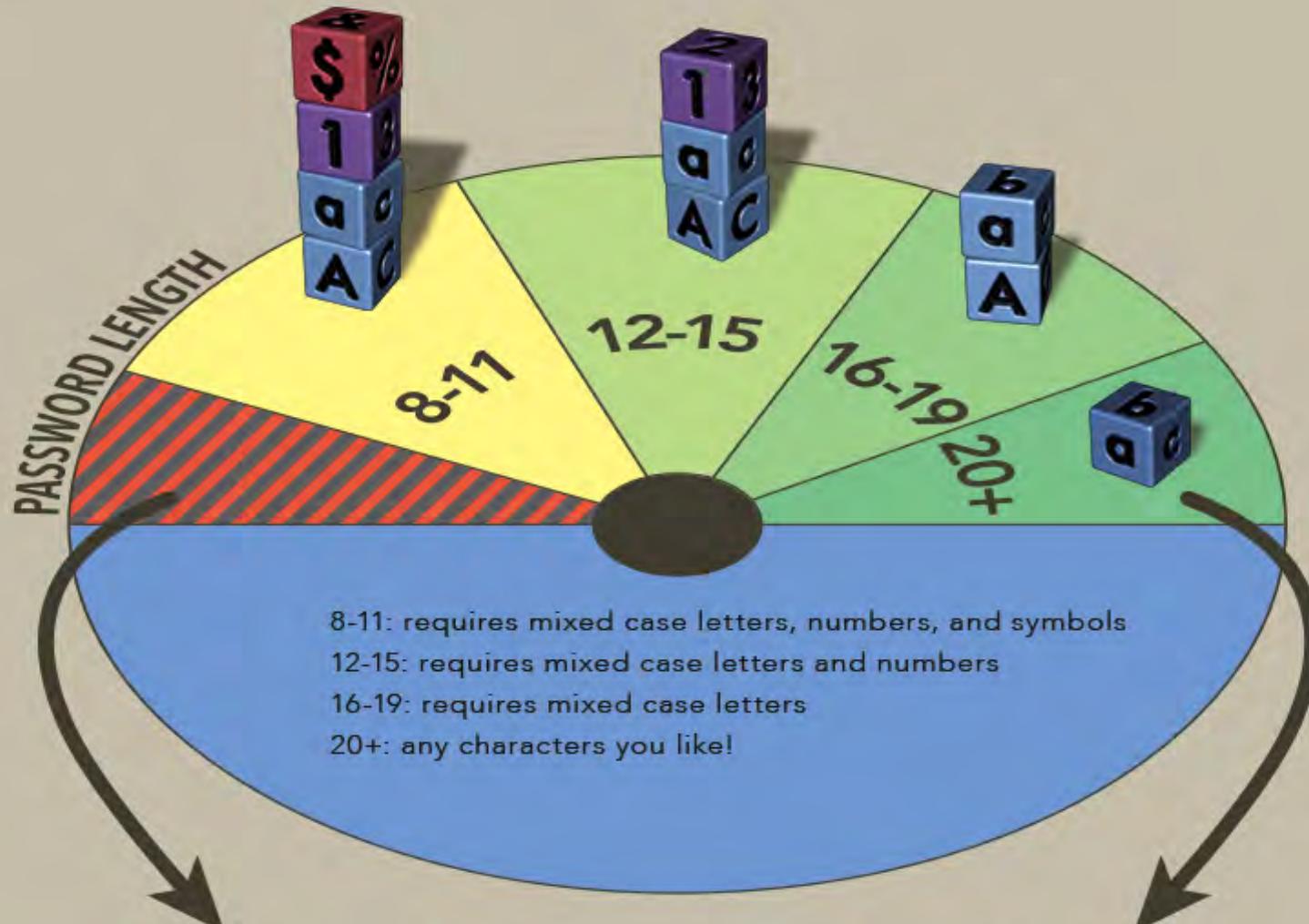
I changed all my passwords to "incorrect".



So whenever I forget, it will  
tell me "Your password is incorrect."

# WHICH CHARACTERS ARE REQUIRED IN MY **PASSWORD?**

*HINT: it depends on password length!*

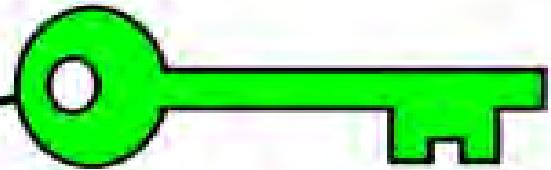


**Bob**



**Encrypt**

6EB69570  
08E03CE4



**Alice's  
public key**

**Alice**



**Decrypt**



**Alice's  
private key**

# Write: work

File Edit View Options Enigmail Tools Help

From: Arjen Kamphuis <arjen@gendo.ch> arjen@gendo.ch

To: [REDACTED] >

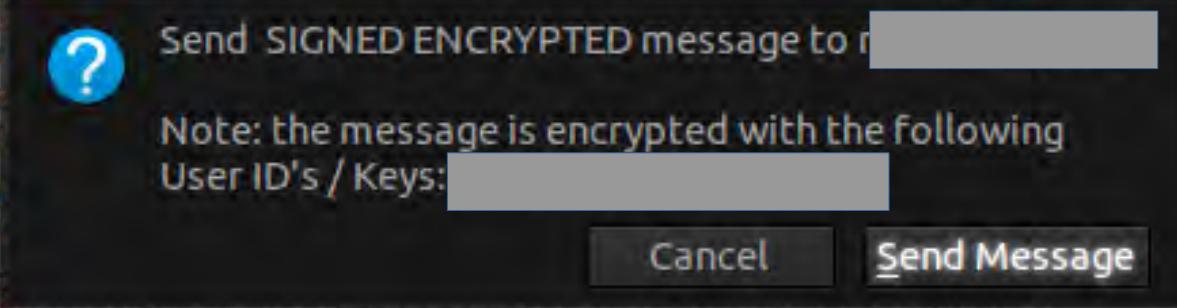
Subject: work

-----BEGIN PGP MESSAGE-----

Charset: utf-8

Version: GnuPG v1

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vzC87QyONQF95J/A9/GqFYIRR1w3236WlgA+iQPkIjMwkybM9rV+o2YQDqxFJ0z1  
fRS/+0nh5IyaVcgYzDrqzSYJiPp4RI8ivuodHbFtbcbsz1XuFX7Hf17pnP6lEIF8  
1RC0vJ3fgZGyLgCVqBpuzomH3aZrFhQBxET9obUaoHp628QaFHcRWYH8WA7K0AmG  
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N/kZ/JwJkGB6+EQU1H3rhQ7nYQsgwJ2QLfsVC5L0ixypaI1m/nb9T/Y8Mi+9QCIZ  
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Kft1UM3nprGKfvp1TCb8c4nSY5b405QtKgBHxqelg6pnUltM0f27+sxUeaPize/o  
tijsnoBozcYsVHbP



TcWpvIi5rHfVvNew  
0ZKPLWoXmtIMEbVe  
UD84M1Rg5sN8HHmA  
TxMY0whgjiJkHwzy  
ibvFODmvGGnXfQql  
jYAjQQb0oP/kGdg  
nAWUDIWk7NnsTPUpym0/1YjEaPej08TAvatbetKj0uob/xatH/AM25XkPhdv50WJ  
enQUE7TkLWtyo0xT7UsP3jJ8memIkdhS+IFoA0AVzI0rBhiY6BWOT9qDOKTun+eV







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## Information Security for Journalists

By Silkie Carlo and Arjen Kamphuis

**Download the book** in [PDF](#), [ePub](#), [MOBI](#), [view it online](#). For SHA-256 hashes for verifying the file, see the table below.

This handbook is a very important practical tool for journalists. It is now more important than ever to understand the importance to investigative reporters. For the first time, virtually every electronic communication we make is recorded and subject to analysis and action. As this surveillance increases, journalists must learn how to protect their stories and our professional work itself is under threat.

Journalists were dismayed by the realisation that their communications are now being recorded; for them and their sources they are now under threat. This danger does not just worry reporters, it also affects the information and whose privacy is considered fundamental. Lawyers and accountants and their clients are now under threat from secret surveillance of an increasingly authoritarian state.

After knowing how Snowden's disclosures were used, what counter measures available. The CIJ's latest handbook is a guide to the means of keeping your work private and safe from surveillance. It shows you how to safely receive, store and send information that you do not want to know, to have or to share. To ensure your privacy, the handbook will help you to make your communications indecipherable.

When planning work that must remain private and confidential, it is important to understand what areas can be associated with it. Shop floor maintenance, business travel, and other areas where the precautions and methods described in this handbook apply to your work. In these cases a phone call made or re-



# Information Security for Journalists

## Protecting your story, your source and yourself online

By Silkie Carlo and Arjen Kamphuis

hQEMAxQ6GHdT/9WoAQf+PnS6MEmCisHF1QMrbD+tTPq44j4DI  
Ojl2erU1ZfaSnGBn526g5jwPoq2rFdku2bR1dePIYdgrZyXAn++kVQw  
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NeLRomuA1dDj8fn2ApCdocuxDK7cl81SUycjEWBKkZWv4CIv0QMh



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4CC5 3A96 2BAF 7846 EC26