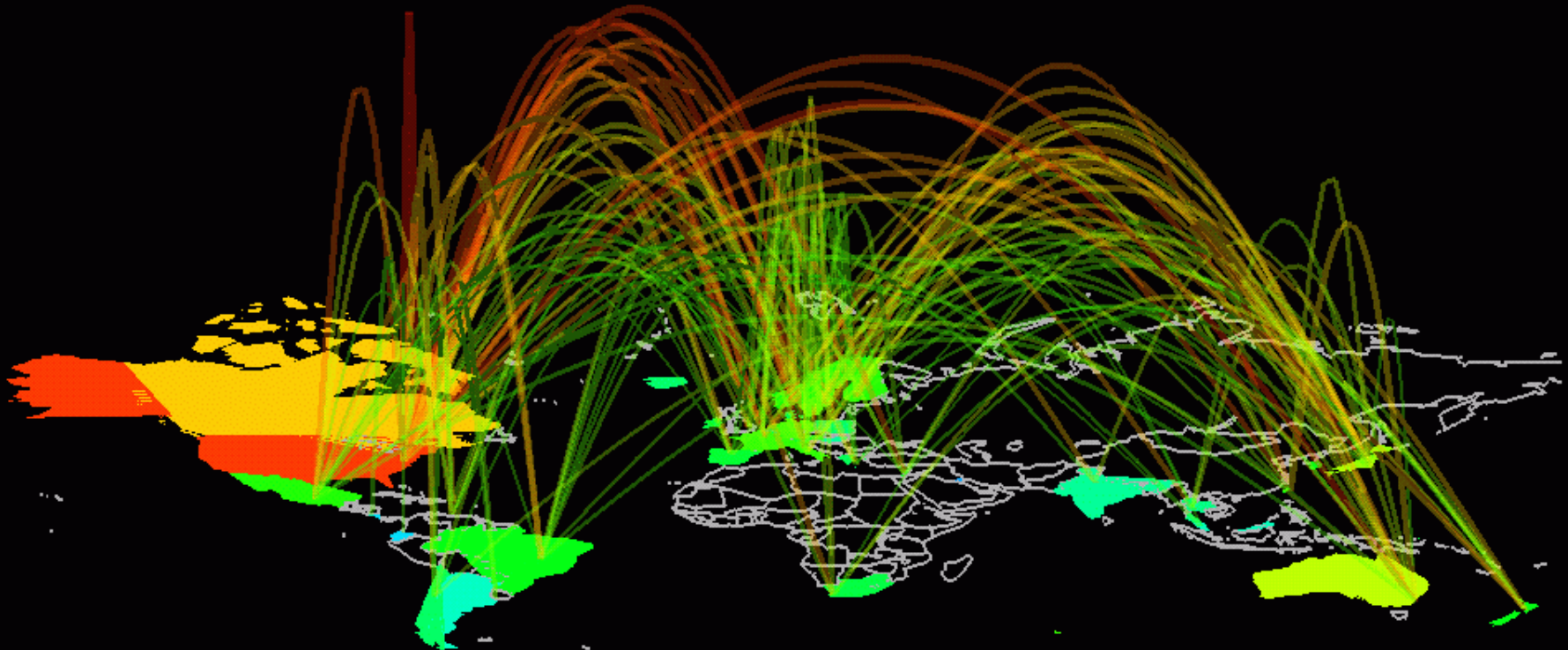


# Internet Freedom Worldwide

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# What is “Internet Freedom”?

- Freedom of Speech เสรีภาพในการพูด (Art. 16)
- Freedom from Arbitrary Surveillance เสรีภาพจากการตรวจตรา (Art. 12)
- Leads to Freedom of Thought, Freedom of Assembly, Right to Education, etc.

นำไปสู่การเสรีภาพในการคิด, เสรีภาพในการประกอบขบวนการเพื่อการศึกษา

# What Protects Internet Freedom?

- **“Architecture is Policy”**
  - Mitch Kapor, co-founder, EFF
- **“Code is Law”**

รหัสจะกลายเป็นกฎหมาย

- Prof. Larry Lessig, ex-EFF board member  
(<http://cc.in.th/wiki/>)

# Design of the Internet

- “Interprets Censorship as Damage and Routes Around It” - John Gilmore, EFF co-founder

Protection of Free Speech คุ่มครองของฟรีสุนทรพจน์

# Strong Cryptography

- Unforgeable Signatures for Electronic Data
- Unbreakable Envelopes for Electronic Data

Protection of Privacy



## United States: No Censorship

The Internet may fairly be regarded as a never-ending worldwide conversation. The government may not, through the CDA, interrupt that conversation ... As the most participatory form of mass speech yet developed, the Internet deserves the highest protection from governmental intrusion."

- *Judge Stewart Dalzell, Reno v. ACLU*

# Europe: Some Censorship

- UK -- Internet Watch Foundation 1997/2000
- Attempt to block Web addresses ran by ISPs
- Not all ISPs block sites
- Blocked Wikipedia

# Censorship Does Not Stop the Crime

Average length of time for **unblocked**  
fake bank website: 1-2 days

Average length of time for **blocked**  
pornographic site to be removed: 12-29  
days

Impact of Incentives on Notice and Takedown, Taylor + Clayton, 2008

<http://www.cl.cam.ac.uk/~mcl1/takedown.pdf>



# China: Censorship, Surveillance

- The “Golden Shield”
- Costs: Over US\$800 million (27 billion ₪) (2002)
- Slows growth and use of Chinese Internet



# Censorship : Universal Conclusions

- Costly, Slow แพงและช้า
- Does not work! ไม่ทำงาน
- Easy to bypass:

Web Proxies

SSL (https:)

Virtual Private Networks (VPN)

Tor <http://tor.eff.org/>

# How to Fight Cyber Crime

Net technologists understand technology

Judges and police understand law

Intermediaries (ISPs, Web Hosts) are allies in fighting crime, not criminals!

How Not to Fight Cyber Crime  
Depend on censorship, filtering

Break the Internet

“Blame the messenger”

Makes local ISPs, Web hosts unreliable to  
other users

Crime goes unsolved, judges get no help,  
techies have to decide law, external  
economic investment drops, domestic  
websites move overseas.

# How to Fight Cyber Crime

No blocking

Strong liability protection for  
intermediaries

Crimes are not ignored, judges get help from  
experts, law is not second-guessed, local  
Internet is stable, economic growth  
continues.

ขอบคุณ!

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