

# Chokepoint Project

url: [chokepointproject.net](http://chokepointproject.net)

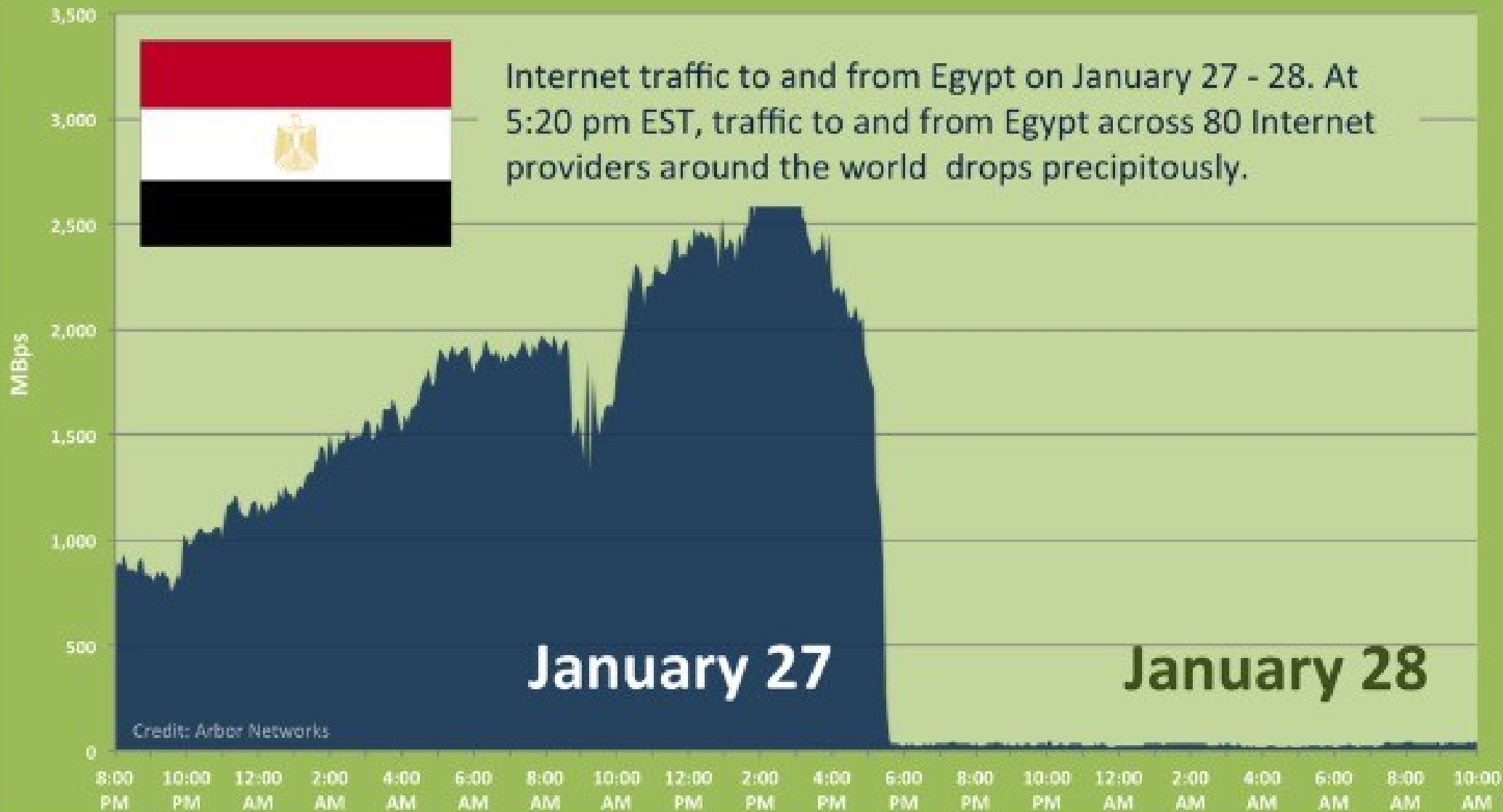
twitter: [@chokepointp](https://twitter.com/chokepointp)

# Egyptian Internet shutdown





Internet traffic to and from Egypt on January 27 - 28. At 5:20 pm EST, traffic to and from Egypt across 80 Internet providers around the world drops precipitously.



Credit: Arbor Networks

# CPP :

- **Near real-time**

- Monitoring

- Contextualizing

- Visualizing

**of censorship and surveillance measurements.**

- More

# Purpose :

- Early warning system
- Public awareness platform
- Research tool

# Answering Questions :

- What is happening now ?
- What has happened yesterday?
- What does that mean for me?

# Technology according to politicians, lawyers, journalists et al.



# Politics and legalese according to technologists





# Target audiences

- **Human and civil rights activists and organizations.**
- **The five estates** (legislative, executive, judicial, reporting, everybody else )
- **Researchers**

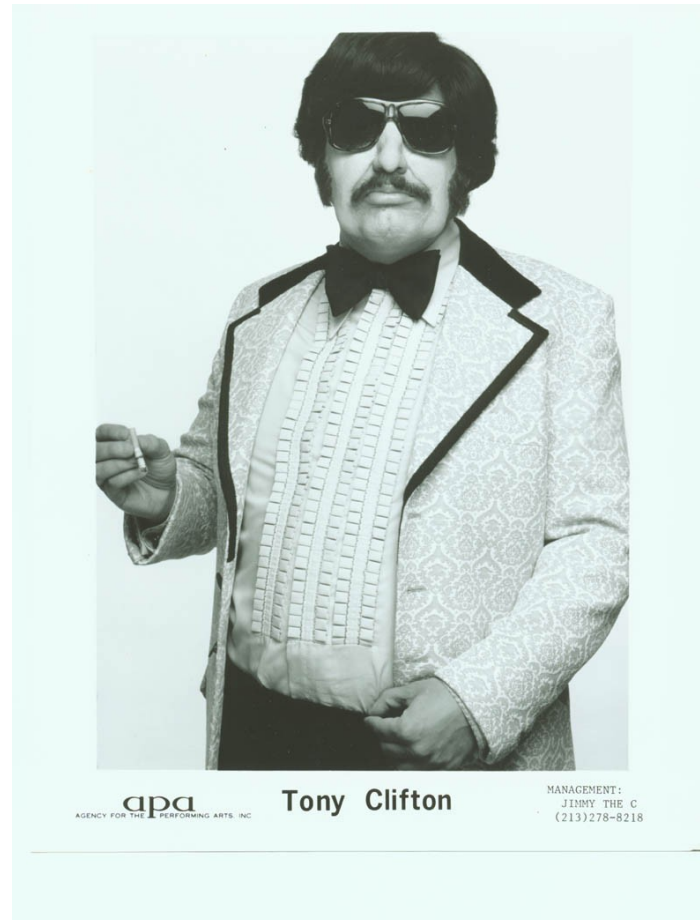
# Premises

- Human and civil rights activists and organizations.
  - **Know where to act.**
  - **Did actions have results ?**
- The five estates (legislative, executive, judicial, reporting, everybody else )
  - **Improve public discussion.**
  - ***Analog Rights ??***
- Researchers
  - ***Lots of data is interesting and criticism is fun.***

# Requirements & Ethics

- Do no harm.
- One source is no source.
- Unpublished data or methods are invalid.
- All funding must be public.
- Do no harm.

Random picture to verify sleepiness of audience.



CLAP IF YOUR AWAKE.

# Main “applications”

- **(dis)Connection State Map**

*Measuring  $n$  connections per time unit per geo-location using existing massively distributed networks.*

- **OONI MAP**

*Visualizing OONI PROBE generated measurements.*

- **ContextFeed**

*Recording incidents (substantiated and unsubstantiated) as received from journalistic organizations.*

- **JuriTrace**

*Tracing packet routes according to jurisdiction.*

*(what jurisdictions are my communications traveling through?)*

- **OwniTrace**

*Tracing packet routes according to network ownership.*

*(who own the systems my data travels through?)*

- **SourceGrapher**

*Front-end for technicals and non-technicals to select and compare data sources*

# Currently processable data sources

- **MLAB** (<http://www.measurementlab.net/>)
  - (dis)Connection State Map
- **Ripe Atlas** (<https://atlas.ripe.net/>) (RIPE project)
  - (dis)Connection State Map
  - OONI MAP (*assumption*)
- **RIR ASN tables**
  - ALL (well, most)
- **MaxMind GeoIP**
  - ALL (well, most)
- **Much, much more.**

# To be developed and developing data sources

- **OONI-probe** (<http://ooni.nu/>) (tor project)

*open observatory of network interference*

→ *OONI map*

- **Free Press Unlimited** *and others*  
*/http://www.freepressunlimited.org/)*

→ *ContextFeed*

- **Privacy international**

→ *JuriTrace*

→ *ContextFeed*

- **More**

→ *Stuff (lots more)*

# CHOKEPOINT PROJECT

[HOME](#) [COUNTRIES](#) [INCIDENTS](#)



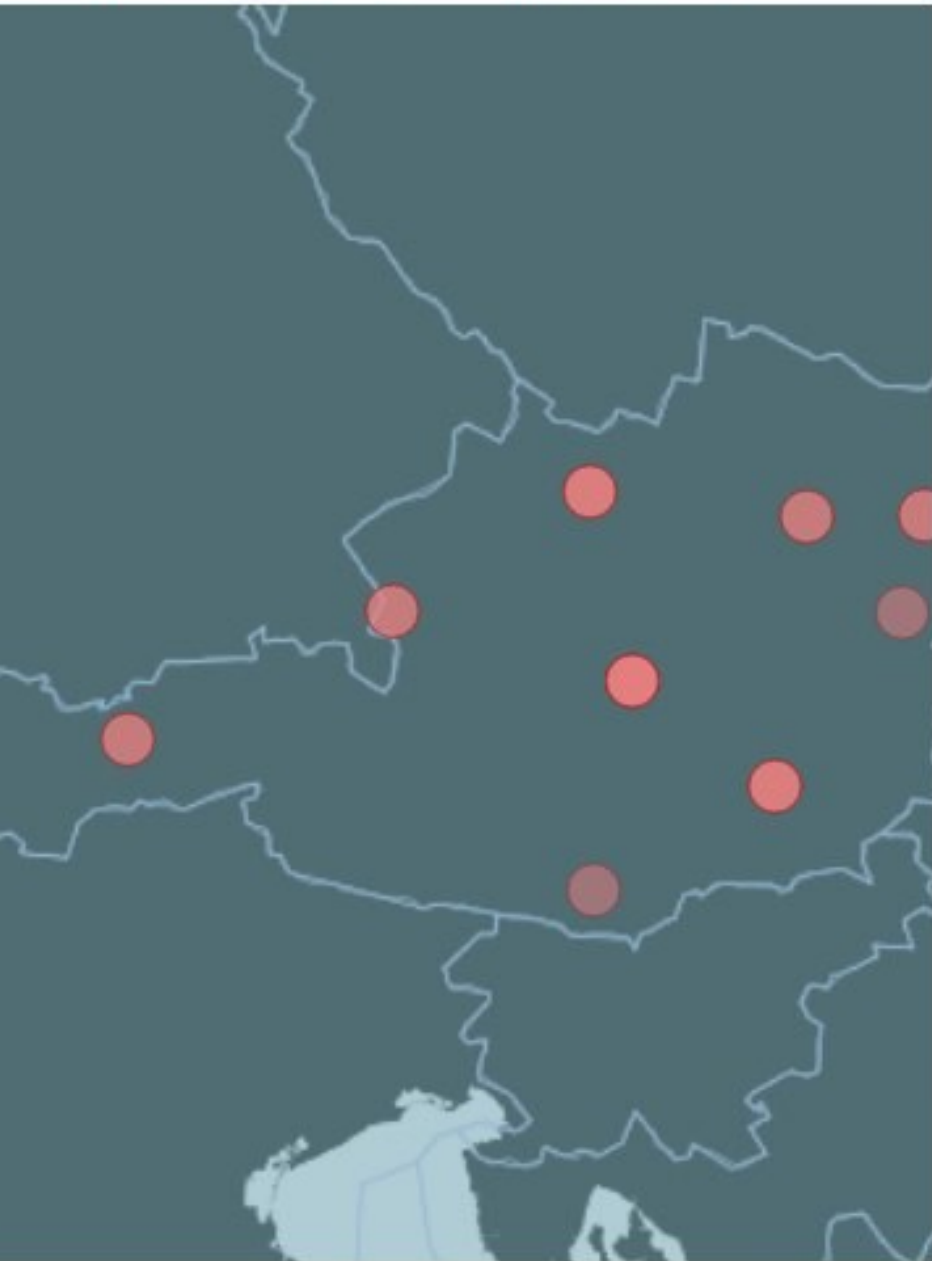
## CURRENT INCIDENTS

[all incidents »](#)

● Blackout   ● Restriction   ● Attack

 <b>Blackout</b> Cell towers blackout in Germany »	21 JAN 2010	 <b>Blackout</b> Internetworks blackout in Azerbaijan »	20 JAN 2010
 <b>Restriction</b> Bandwidth throttling in The Netherlands »	20 JAN 2010	 <b>Restriction</b> Destination IP blocking in Syria »	19 JAN 2010
 <b>Attack</b> Server Seizure in Florida »	19 JAN 2010	 <b>Attack</b> Website defacement in Austria »	19 JAN 2010
 <b>Attack</b> Denial of Service in Azerbaijan »	18 JAN 2010	 <b>Attack</b> Website defacement in France »	18 JAN 2010
 <b>Blackout</b> Radio Frequency Jamming in Azerbaijan »	18 JAN 2010	 <b>Blackout</b> Cell towers blackout in Switzerland »	17 JAN 2010





# THE STATE OF THE INTERNET IN AUSTRIA


SHARE: 

FOLLOW:   

## ▸ Connectivity Status

## ▾ Transparency Data

Based on [Google Transparency Report](#) data

-  **Restriction** Web Search takedown request by government body

## ▸ Currently Functioning Circumvention

## ▸ Current legislation

## ▸ Lobbying activity




## THE STATE OF THE INTERNET IN MOZAMBIQUE

### CURRENT INCIDENTS

▶  **Blackout** Radio Frequency Jamming, Ongoing 10 JUL 2008 - 23 AUG 2011

▼  **Restriction** Bandwidth throttling in Maputo 22 AUG 2011

Since the beginning of August we have detected a reduction in bandwidth. See this [data comparison](#) to observe the changes.

▶  **Attack** Lorem ipsum dolor este lauda molestie 20 AUG 2011

### CURRENT LEGISLATION

- ▶ [Net Neutrality](#)
- ▶ [Internet laws related to freedom to knowledge across networks](#)
- ▶ [Spam laws](#)
- ▶ [Laws related to copyright infractions](#)

### LOBBYING ACTIVITY

- ▶ [Local group 3 - submitted call to recind law on...](#)

# 5 layers of access

- World Page : Open Intelligence Weathermap
- Country Page : Current Events
- SourceGrapher : Source Selections
- API
- Code, raw data & intermediate data

# No more things

- Questions maybe ?

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