Guide to SecureDrop:

An Emerging Platform for Secure and Anonymous Communication Between Sources and Journalists
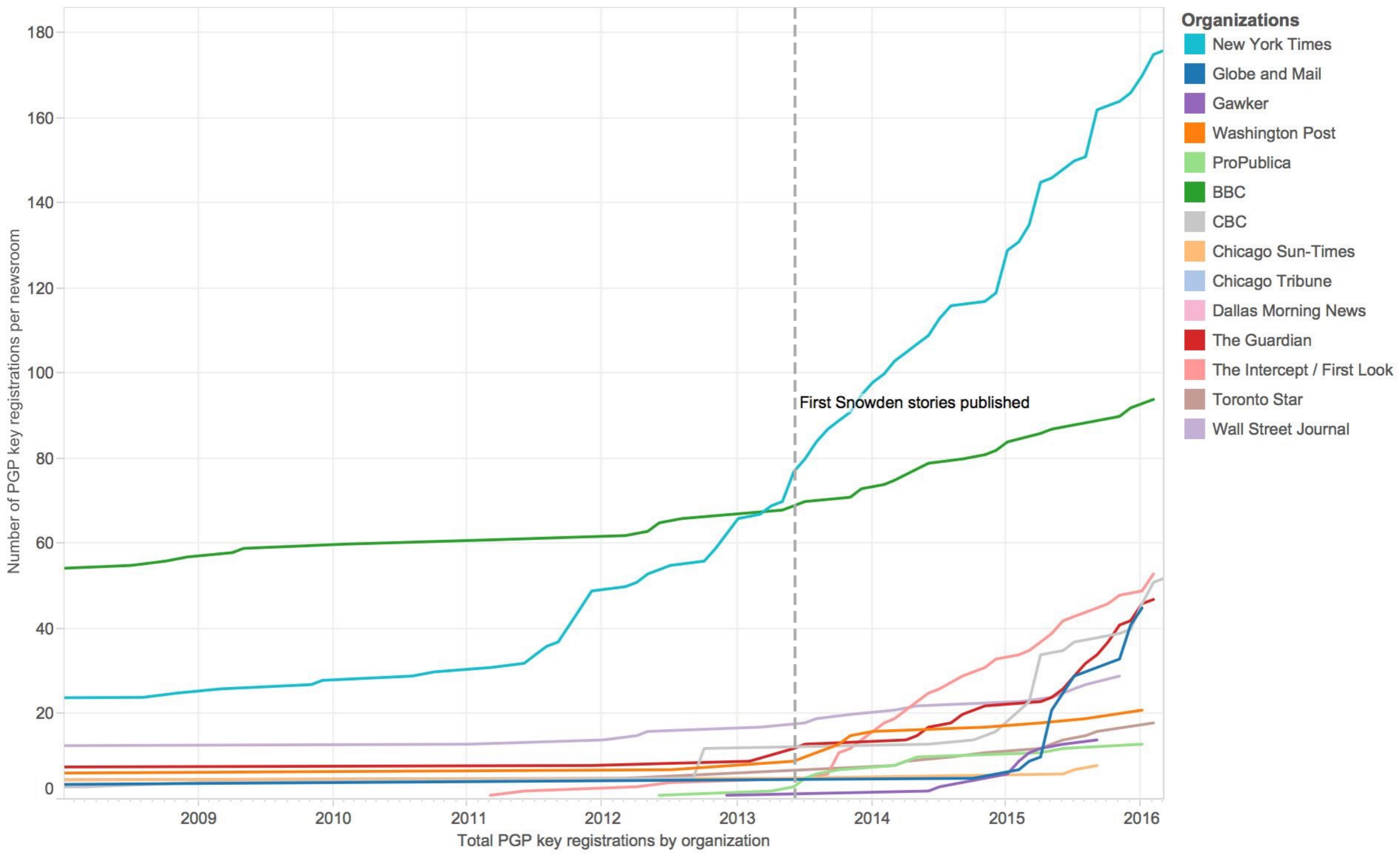
http://brwn.co/securedrop

Charles Berret
@cberret

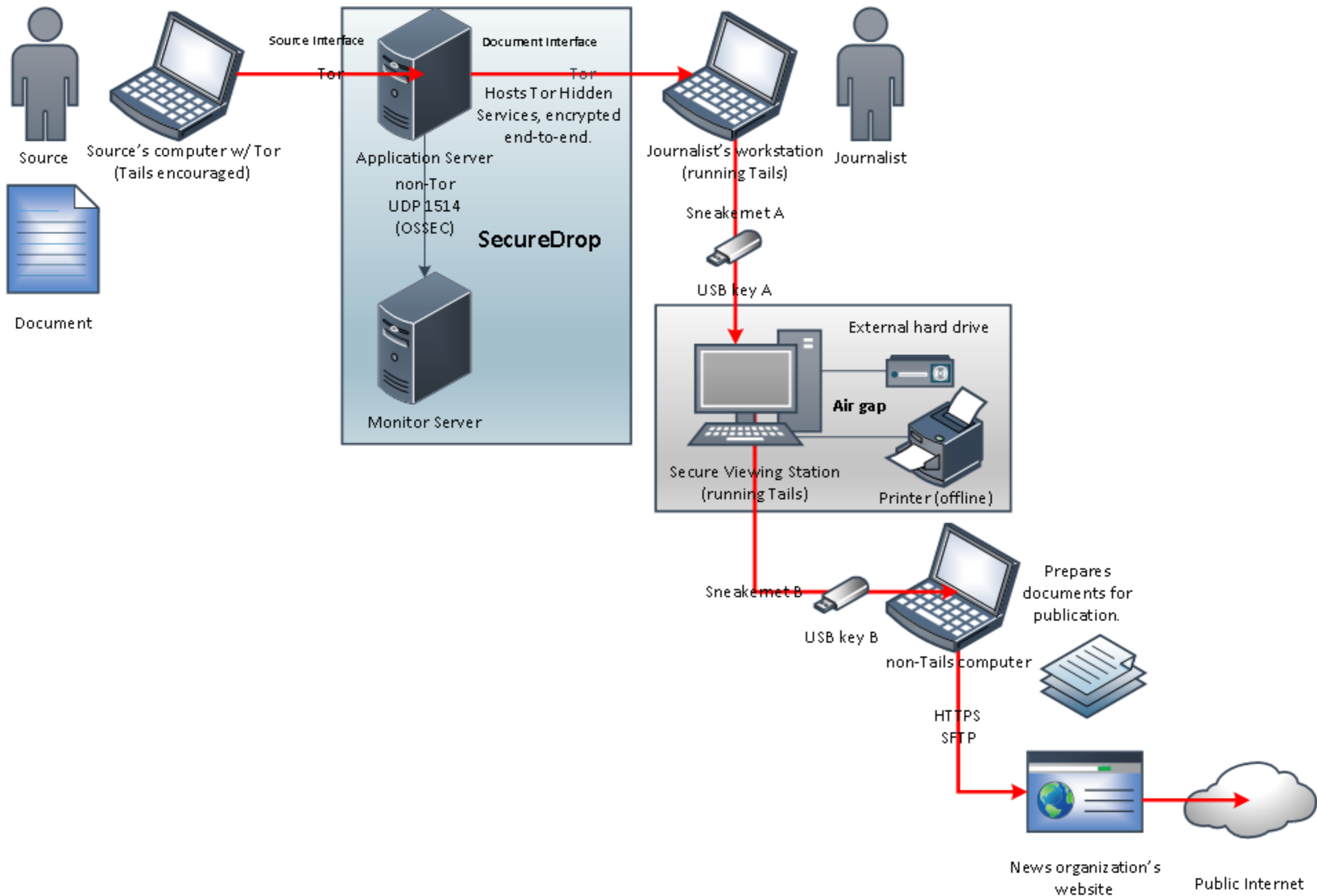# Encryption Key Registration at News Organizations

- Scraped data from the MIT PGP key server

- Each key registered to an email at a news org

- Cleaned for duplicates — only earliest key for each person counted

Organizations
- New York Times
- Globe and Mail
- Gawker
- Washington Post
- ProPublica
- BBC
- CBC
- Chicago Sun-Times
- Chicago Tribune
- Dallas Morning News
- The Guardian
- The Intercept / First Look
- Toronto Star
- Wall Street Journal

First Snowden stories published

Number of PGP key registrations per newsroom

Total PGP key registrations by organization
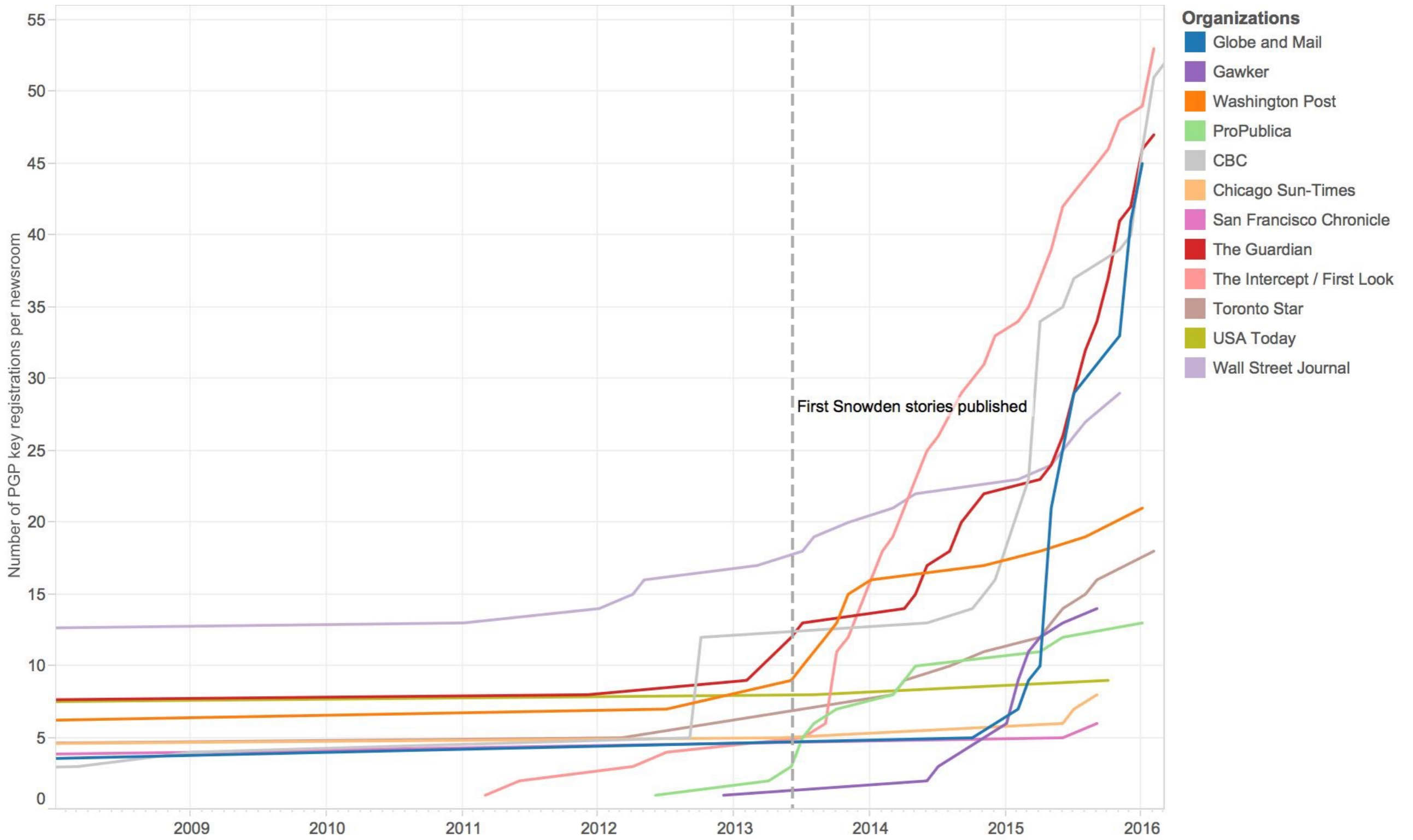
What is SecureDrop?

- Platform to enable sources to contact journalists securely and anonymously

- Free and open-source software developed and maintained by the Freedom of the Press Foundation

- Each instance is an ensemble of computers designed to protect sources who wish to speak to the media

Source

Source's computer w/ Tor
(Tails encouraged)

Document

Source Interface

Tor

Document Interface

Tor

Hosts Tor Hidden
Services, encrypted
end-to-end.

Application Server

non-Tor
UDP 1514
(OSSEC)

SecureDrop

Monitor Server

Journalist's workstation
(running Tails)

Journalist

Sneakernet A

USB key A

External hard drive

Air gap

Secure Viewing Station
(running Tails)

Printer (offline)

Sneakernet B

USB key B

non-Tails computer

Prepares
documents for
publication.

HTTPS
SFTP

News organization's
website

Public Internet

theguardian

ProPublica

THE // INTERCEPT

THE NEW YORKER

The Washington Post

GAWKER

THE GLOBE AND MAIL
CANADA'S NATIONAL NEWSPAPER • FOUNDED 1844

Findings on the Use of SecureDrop in Newsrooms

- Typical contents of SecureDrop inboxes fall into several common categories

- Little variation in methods of newsroom coordination

- Traditional practices of assessment and verification still necessary

- Publishers differ on whether to cite SD in stories

- Impact of SecureDrop as reporting tool reported to be strong

Thank you!

brwn.co/securedrop

Charles Berret
@cberret