

Introduction to  
**OSINT**

OSINT ...?

Open Source Intelligence

Open Source ?

Open Source = Publicly  
Available

Intelligence ?

Intelligence = Collection of  
Information

OSINT

=

Publicly Available Collection  
of Information



# OSINT Sources

# OSINT Sources

- Public records
- News papers & websites
- Magazines
- Social Networking Sites
- Blogs
- Forums
- Podcasts
- Press releases
- Review Sites ..etc.,

# 2019 *This Is What Happens In An Internet Minute*



KIM ZETTER SECURITY 09.18.08 10:06 AM

# PALIN E-MAIL HACKER SAYS IT WAS EASY

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**SHARE**

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SHARE  
77

TWEET



COMMENT



EMAIL









Editorial ▾

SEARCH

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# HAWAII-NORTH KOREA

[Overview](#)

+

[Get price](#)

Jeffrey Wong, the Hawaii Emergency Management Agency's current operations officer, shows computer screens monitoring hazards at the agency's headquarters in Honolulu on Friday, July 21, 2017. Hawaii is the first state to prepare the public for the possibility of a ballistic missile strike from North Korea. (AP Photo/Jennifer Sinco Kelleher)

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05:39 GUAM 09:39 HONOLULU 15:39 WASHINGTON D.C. 19:39 GMT / ZULU

Camera placement

Software usage (Windows, IE, Chrome, Skype)

Warningpoint2 == WP2?  
(Predictable passwords)

Call list & phone numbers

Badge design

Bluetooth headset?





**zuck**

Instagram HQ >



♥ 500M likes

**zuck** Thanks to everyone in our community for helping us reach this milestone!

kevin 👍 @zuck



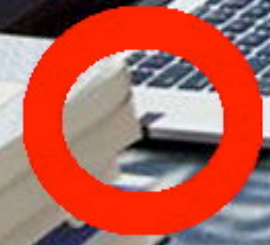
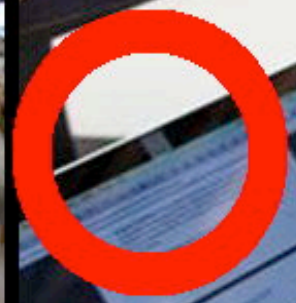


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ATM PIN = Year of Birth

DEMO

# Examples

- <https://haveibeenpwned.com/>
- <https://www.instantcheckmate.com>
- <https://www.warhistoryonline.com/war-articles/helicopters-destroyed-geotag.html>
- <https://cloud.google.com/vision/>
- <http://electoralsearch.in/>
- <https://www.google.com/search?q=filetype:config%20%22%22%20%22password%22%20%22web.config%22%20-stackoverflow%20-youtube.com%20-github>
- <https://www.exploit-db.com/>
- <https://www.shodan.io/search?query=webcamxp>
- [https://www.theregister.co.uk/2015/10/19/bods\\_brew\\_ikettle\\_20\\_hack\\_plot\\_vulnerable\\_london\\_pots/](https://www.theregister.co.uk/2015/10/19/bods_brew_ikettle_20_hack_plot_vulnerable_london_pots/)
- <https://www.shodan.io/search?query=ikettle>
- Snap Map
- Facebook Live Map
- Virus Total Files
- <https://www.fakenamegenerator.com/>
- <https://www.businessinsider.com/secret-us-military-bases-world-strava-heat-map-operational-security-compromised-fitness-trackers-2018-1>

# Usage of OSINT

# Usage of OSINT

## Business

- To find competitive intelligence
- Employee hiring
- Background Search
- Malicious Behaviour
- Fraud Investigation

## Parents

- Child friends?
- Childs OSINT Profile
- Location Knowledge

## Media

- Instant Reporting
- Researching
- Fact Checking

## Intelligence Agencies

- Finding and Monitoring Terrorist Networks
- Recruitment
- Targeting of Attack

Other Side of OSINT



# Other Side of OSINT

- Cyber Attack
  - Phishing, Vishing
  - Identity Theft
  - Reconnaissance
- Theft
- Extortion
- Stalking
- Assault
- Kidnapping
- Organised Crime
- Terrorism

Legal & Ethics

# Legal & Ethics

- Data Should be Publically available (both offline and online)
- Unclassified but sensitive
- Mosaic effort
- Should not involve invasions of privacy

Solution

Control on Our Data

# Control on Our Online Data

- Social Media messages, photos and Video
- Reviews, Opinions and comments on online Forums and blogs
- Connection between our numerous accounts
- Geo Location
- Fitness Data

Thank You

# OSINT Landscape v.1

February 2018

Open Source Intelligence (/OSINV – Open Source Investigation)

COVERT SHORES *bellingcat*  
www.hisutton.com



This landscape shows data sources (mostly platforms, tools or apps) that provide publicly available data which may be of use in OSINT. Some tools may charge for data access. It is intended to be extensive, but not exhaustive, and may be updated periodically.

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