OSINT:
Open Source Intelligence
Nico  @Dutch_Osintguy

• Osint Specialist
• All Source Analyst
• Conference Speaker
• Teacher & Consultant
• Blogger
OSINT defined:

Intelligence from **publicly available information** that is collected exploited, and reported to address a specific intelligence requirement.
OSINT is **Open Source INTElligence**

Information in the public domain or accessible from public sources
- Media such as audio, video and pictures
- Text from documents, articles and blogs
- Maps and geolocation of data
- Social Media
- Sometimes called SOCMINT for **SOCial Media INTElligence**
Who uses OSINT and why?

What professions can leverage OSINT data?

- Information Security
- Private Investigators
- Law Enforcement
- Military
- Businesses
- Attorneys
Who else uses OSINT?

Everybody uses OSINT

Uses of OSINT data?

- Vacation planning
- Car Buying
- Baby Sitter Selection
- Online Dating
- House Hunting
Where do we find Open Source Intelligence?

- Social Media
- Dating apps
- Sport apps (internet of things)
- Blogs/ websites
- Documents (pdf, doc, xls etc. etc.)
- Your partner / family / friends / co-workers
How do we Collect OSINT?

Collecting OSINT

Tools and Resources
(The Fun part)

2 Personal Favorites:
OSINT Framework
Technisette
OSINT Framework

Username
- Email Address
- Domain Name
- IP Address
- Images / Videos / Docs
- Social Networks
- Instant Messaging
- People Search Engines
- Dating
- Telephone Numbers
- Public Records
- Business Records

Username Search Engines
Specific Sites

General People Search
Registries

Namechk
Namechk (T)
KnowEm
NameCheckr
UserSearch.org
WhatsMyName (T)
Intelligence Username Tools
That's Them
Check Usernames
Gaddr.me

The Knot
Registry Finder
My Registry
Amazon Registry Search
Bed, Bath, & Beyond Gift Registry
The Bump
What to look for

- Full Name (Mother’s Maiden Name)
- Username(s)
- Date of Birth
- Email Accounts and Passwords
- Employment Information
- Financial Information
- Mobile/Work Telephone Numbers
- Social Media Information/Posts
- Family/Friends/Colleague
<table>
<thead>
<tr>
<th>Query</th>
<th>Google</th>
<th>Bing</th>
<th>Go</th>
<th>DuckDuckgo</th>
<th>DuckDuckgo</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Malko Tarnovo&quot; AND Syria</td>
<td>⌂</td>
<td>⌂</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Şükrüpaşa AND Syria</td>
<td>⌂</td>
<td>⌂</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;Malko Tarnovo&quot; AND Şükrüpaşa</td>
<td>⌂</td>
<td>⌂</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;Malko Tarnovo&quot; AND Şükrüpaşa AND Syria</td>
<td>⌂</td>
<td>⌂</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;Malko Tarnovo&quot; OR Şükrüpaşa AND jihadist OR Jihadi OR terrorist OR isis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Why Search Engines**

- **Unique hit**
- **Matching hits**
- **Google and Bing show same hit**
- **Bing and DuckDuckgo show same hit**
- **Similair hit in DuckDuckgo and Bing while search question was different**
- **No relevant hits**
OSINT Use Case – Identifying a person

ARE YOU GOOGLE?

BECAUSE YOU HAVE EVERYTHING I'M SEARCHING FOR.
What a sports app tells us

1. Joffrey Bruin
2. Weekly Bicycle ride
3. 17 march 2015 = Tuesday
4. Duration ride 1:25:57
5. Map of the Route
Next steps (MINDSET is KEY)

- Search engines (Google, Bing, DuckDuckGo)
- Social media (Twitter, Facebook etc. etc.)
- Family, partner, children (search around poi)
- Documents (.doc / .pdf / .ppt etc. etc.)
- Photo's & video's
- OR...... use Osint Framework / Technisette
Search by name examples:

- Joffrey Bruin
- “Joffrey Bruin”
- “J. Bruin”
- “J Bruin”
- “Joffrey Bruin” Heiloo
- “Bruin J”
Joffrey Bruin
@joffrey1981
Nu al weer zin in de volgende marathon!!!

Photos and videos

Tweets

Tweets

Duchenne Heroes @Duchenne_Heroes - 24 Feb 2013
Het lijkt erop dat we blijven hangen op 384 deelnemers.. NEE TOCH?!?! Doe mee met #duchenne_heroes! Op naar minimaal 400 deelnemers! PL RT

Joffrey Bruin Retweeted

Jeroen van Melsen @Jeroenvanmelsen - 2 Feb 2013
Morgen laatste voorbereiding examen WFT Penscoen, daarna focus op fietsen en Duchenne Heroes! Nieuwsgierig? Check deflexwinkel.nl/mitbleam/

Joffrey Bruin Retweeted

IJscub Koedijk @IJscubKoedijk - 16 Jan 2013
Met dank aan @gipskeien: Op het meerje aan de Achtergraft (achter Kanaaldek 40) kan al geschaatst worden. Wees a.u.b. zuinig op het ijs!

Ig

Follow

Joffrey Bruin
@joffrey1981

Trots op haar nieuwe skeelers die ze heeft gehad voor haar vijfde verjaardag!

Joffrey Bruin
@joffrey1981
Smthvanleeuwen ja het was zwaar en zeer stoffig de #5vs
LinkedIn

• Past en Current jobs
• Education
• Validation on previous results

Joffrey Bruin
Solution Architect at Basware
Amsterdam Area, Netherlands
| Information Technology and Services

Current: Basware
Previous: Konica Minolta Business Solutions Nederland BV, De Flexwinkel B.V., Dantuma BV
Education: Comptia
Recommendations: 4 people have recommended Joffrey Bruin

Business Process Consultant
Konica Minolta Business Solutions Nederland BV
June 2013 – July 2016 • 3 years 2 months
Nederland

Business Consultant Strategic Accounts
Konica Minolta Business Solutions Nederland BV
September 2013 – April 2015 • 1 year 8 months
Amsterdam

Regiomanager Alkmaar e.o.
De Flexwinkel B.V.
September 2012 – June 2013 • 10 months
Alkmaar Area, Netherlands

Senior Business Consultant document solutions
Dantuma BV
May 2009 – September 2012 • 3 years 5 months
Haarlem Area, Netherlands
Facebook

To see what he shares with friends, send him a friend request.

Overview

- No workplaces to show
- Went to csg Jan Arents
- Lives in Helmond From Alkmaar
- No relationship info to show
Facebook
Let's go back to where we started

Wekelijkse power/snel rondje (–):

RIDE March 17, 2015

34.7 km  164 m  1:25:57  782

Distance  Elevation  Moving Time  Calories

Top Achievements on this Ride

🌟 7th overall on Fietspad - Houtenbrug (1:31)
🌟 8th overall on MTB Route Schoorl - Blijdensteinsweg (33:41)

Popular Segments on this Ride

Schoorlse Nek  1:53
MTB Route Schoorl - Blijdensteinsweg  33:41
Gevaarlijkste afdaaling  52:
Yellow Pages & Streetview
What do we know now?

- Joffrey Bruin, born 1981
- Heiloo, Kennemerstraat 37
- Telephone number 072-5158856
- Lived in Alkmaar
- Schools in he attended in Alkmaar (Jan Arentsz & Hogeschool InHolland)
- Has a daughter of 11 years old (probably born June 9th)
- Works as consultant in Amsterdam
- Probably has a girlfriend/wife (Loes Dekker)
- Weekly Bicycle ride
- 1 hour & 25 minutes away (from home!)
- 17 maart 2015 = Tuesday (every week??)
- Hobby is riding bikes, mtb team De Flexwinkel (sponsor)
### Make a OSINT assessment of yourself

- First (middle name) lastname
- Username(s)
- E-mail(s)
- Phone number(s)
- Social media profiles
- Picture of face (profile picture)
- Date of birth
- Schools attended
- Jobs
- Home address
- Political opinion(s)
- Religion
- Pets
- Picture of company badge
- SSN/NI number
- Mother’s Maiden Name
- Financial Information
- Family/Friends/Colleague
- Spouses
Top 5 Resources for this assessment

1. Technisette.com (Search Engines tab)
2. Osintframework.com
3. Inteltechniques.com
4. Pipl.com
5. Search Engines (Google, DuckDuckGo, Bing)
Where do I start?

Google Search:
- “FirstName LastName”
- “FirstName MiddleName LastName”
- “FirstName LastName” & “State”
- “FirstName LastName” & “Cell”
- “FirstNameBirthyear”
- “LastNameBirthyear”
- “Firstname Lastname@”
SEC487: Open-Source Intelligence Gathering (OSINT) and Analysis

https://www.sans.org/sec487

- 6 days, 36 CPEs
- Over 20 hands-on labs
- Geared towards everyone: beginner to expert