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The Cyber Exchange

October 2, 2018

The Canadian Cybercrime Landscape

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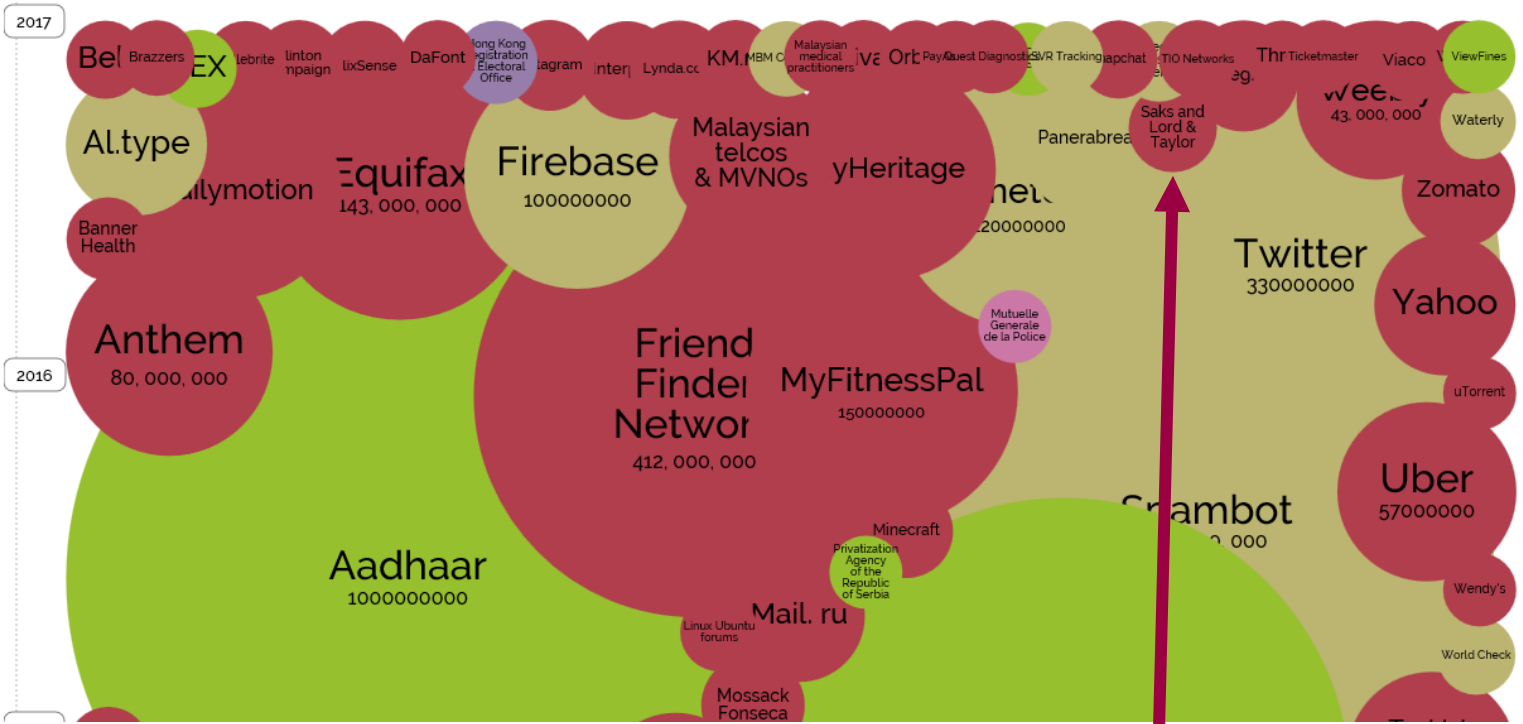
2016/2017 Breach – By Type

http://www.informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/



Circle Size = Number of Breached Records; HBC/Saks ~ 5,000,000

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2016/2017 Breach – By Type

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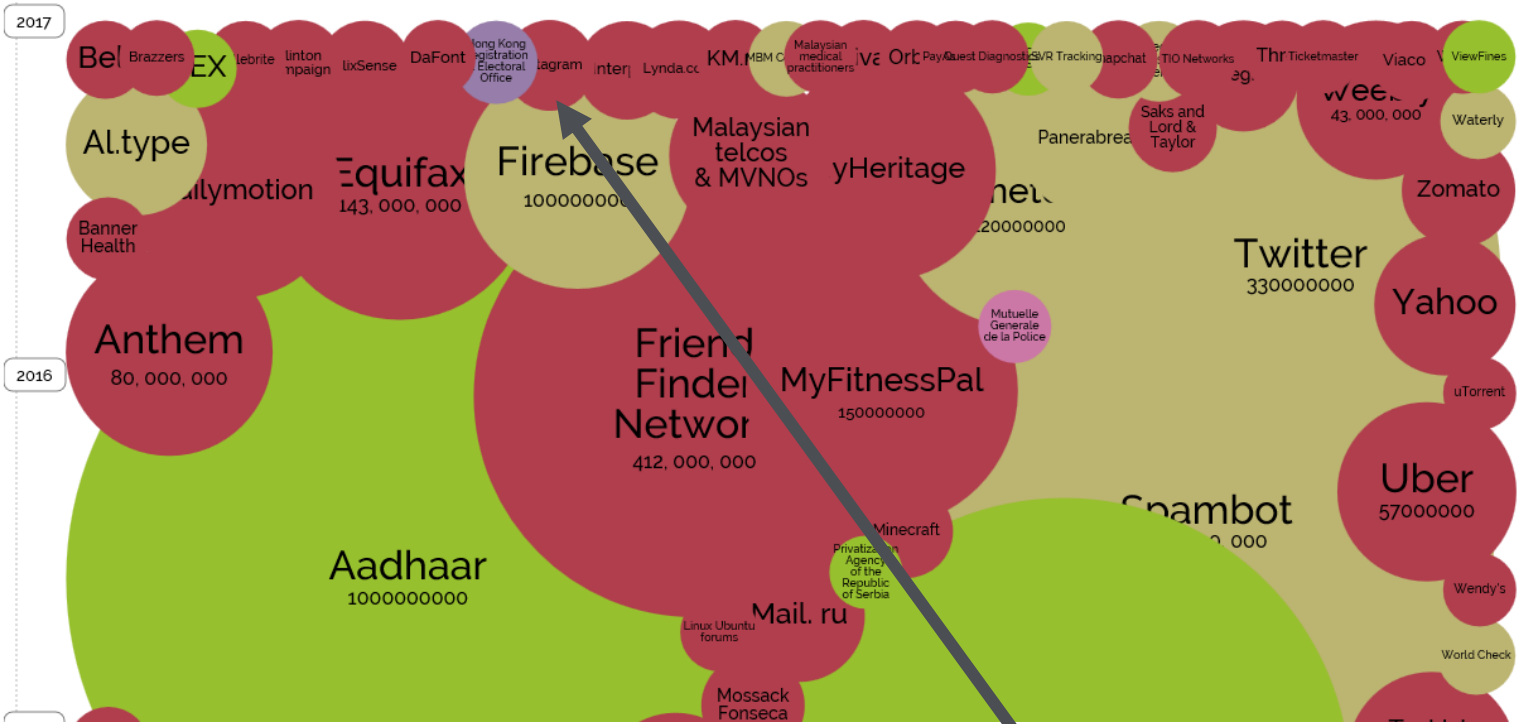

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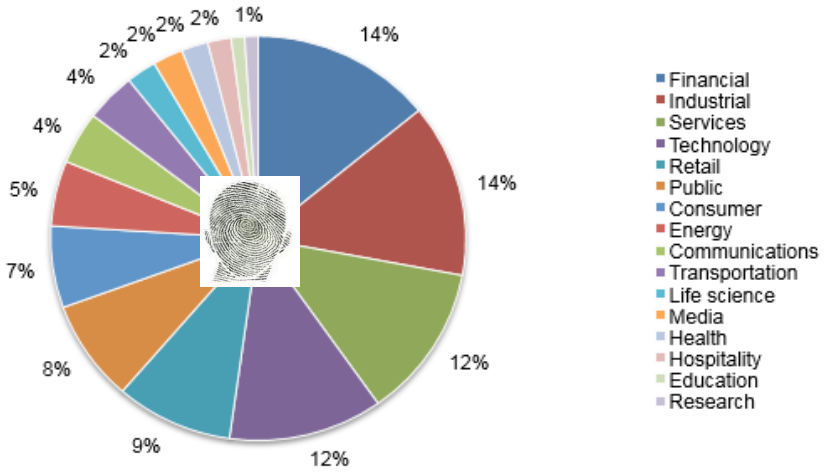
Stolen Personal Identifiable Information is used to replicate the victim's ID (eg: opening new bank accounts, credit cards, etc…) all requiring input into the credit bureau and all in the victim's name.



The average cost of a Data Breach in Canada in 2016 was $7.2M[2].

Ponemon Cost of a Data Breach 2016, [2] Scalar Study 2017

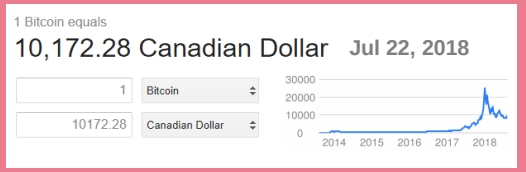
The Internet: Visible vs Dark Web

- 3.5 Billion internet users
- Traditional search engines see about 0.03% [1]
- The Dark Web is estimated to be 500 times larger than the Visible Web
- Dark Web operates through the use of special browsers, providing anonymity to users and website
- Bitcoin is the currency of the Dark Web

[1] Dark Web Internet Governance - 2015

The Dark Web Shopping List

Item	Price	Description
Credit Cards	$4 - $15	Can/USA; UK cards may sell higher
Infected Computers	$20 per 1,000	DDoS attacks through Botnets
Loyalty Accounts	$20 - $1,500	eBay profiles hold more value
Hackers for Hire	$100 - $500	Personal and Business eMail
US Citizenship	$5,000	Passport, SSN, DL, Birth Cert.
Passports	<$1,000	
Driver's License	$200	
Handguns	$500	
Assassins for Hire	$25,000+	Uses Bitcoins placed in Escrow



Anonymity is maintained through the use of special browsers (TOR – "The Onion Router") - transactions done via "Bitcoin"

Collinson-idAlerts Services Available

Most Common Breach Panel Service:

Multi-year Credit Bureau Monitoring
- Pricing Options
- Fixed Low Cost or Pay-as-you-Go
- Access Codes ready same day

IDASSISTANCE

Find the right ID Assistance product for your organization and customers:

	ID ALERTS	CARD SENTRY	ONLINE SENTRY	ID SENTRY
Card / Document Registration		✓		✓
Lost/ Stolen Cards or Document Assistance		✓		✓
Online & Dark Web Monitoring			✓	✓
PC/Mobile Device Protection				✓
Alert Notifications	✓	✓	✓	✓
Customer Support	✓	✓	✓	✓
Credit Bureau Monitoring*	✓			
Credit Reports and Scores*	✓			
Restoration Coverage*	✓			
Family Plan	✓			

*Market dependent

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