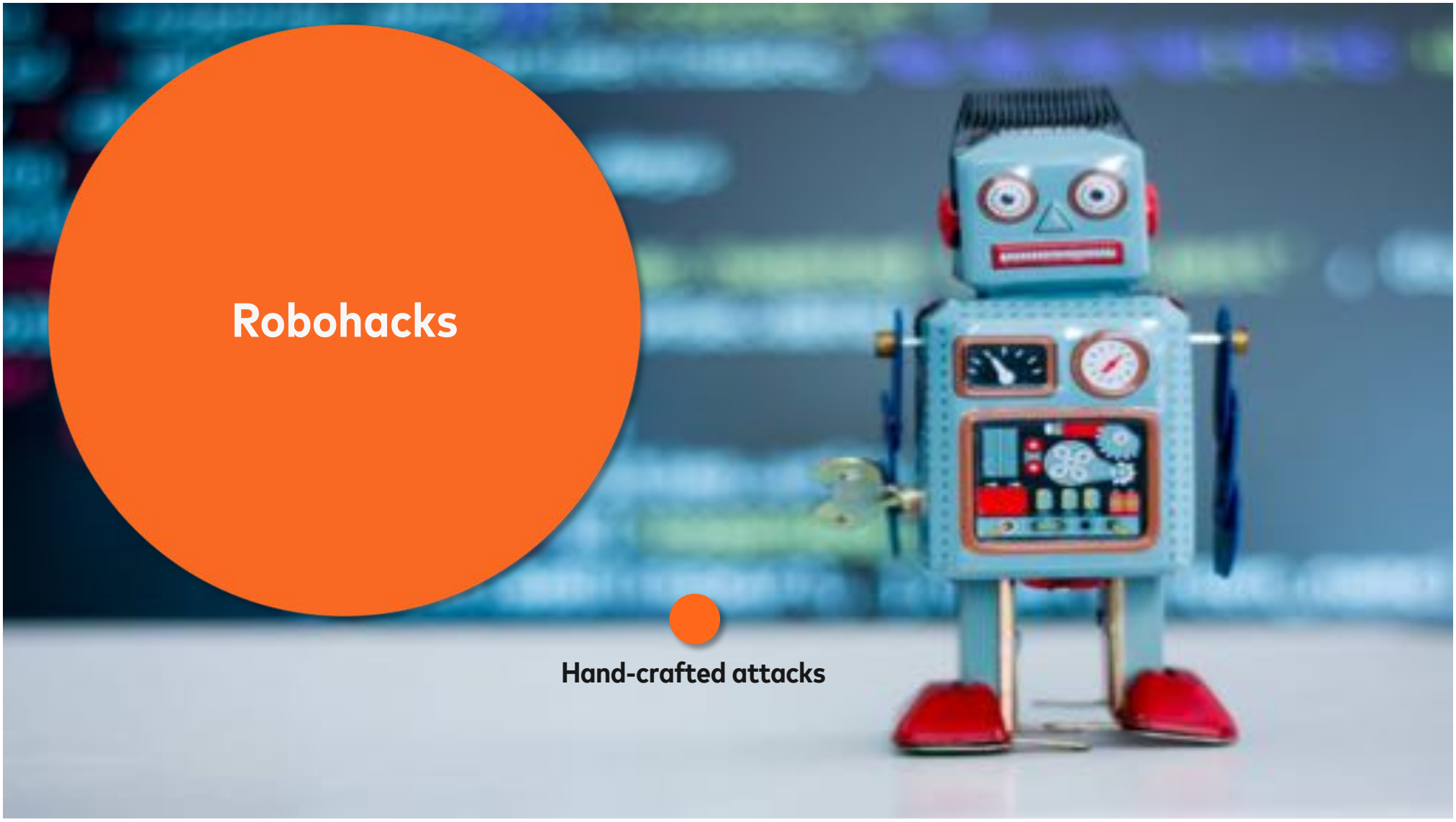
Cybersecurity 100

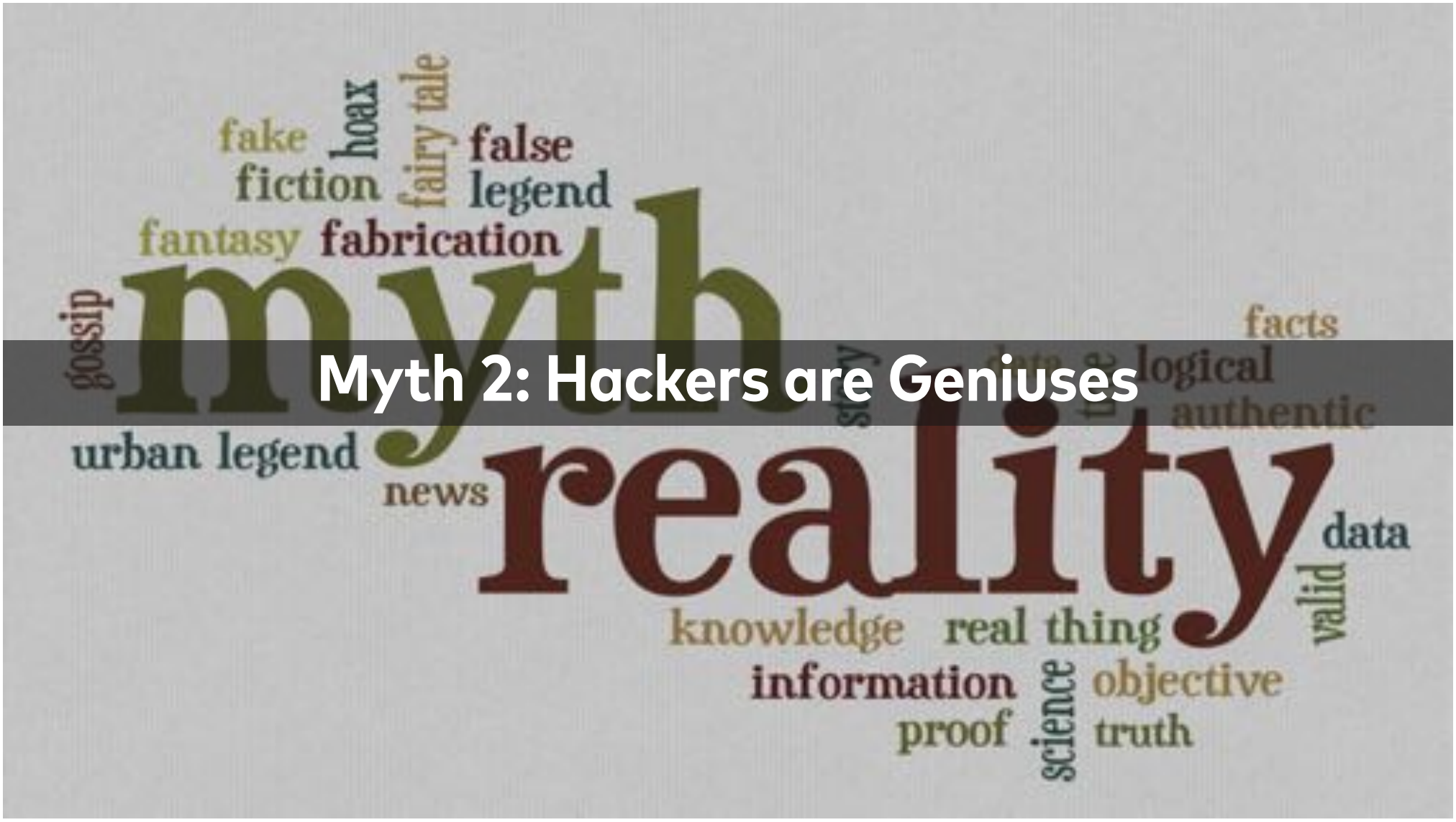
5 Myths about cybersecurity we should all ignore.

JANUARY 2020

Simon Hunt, EVP Cybersecurity Product Innovation

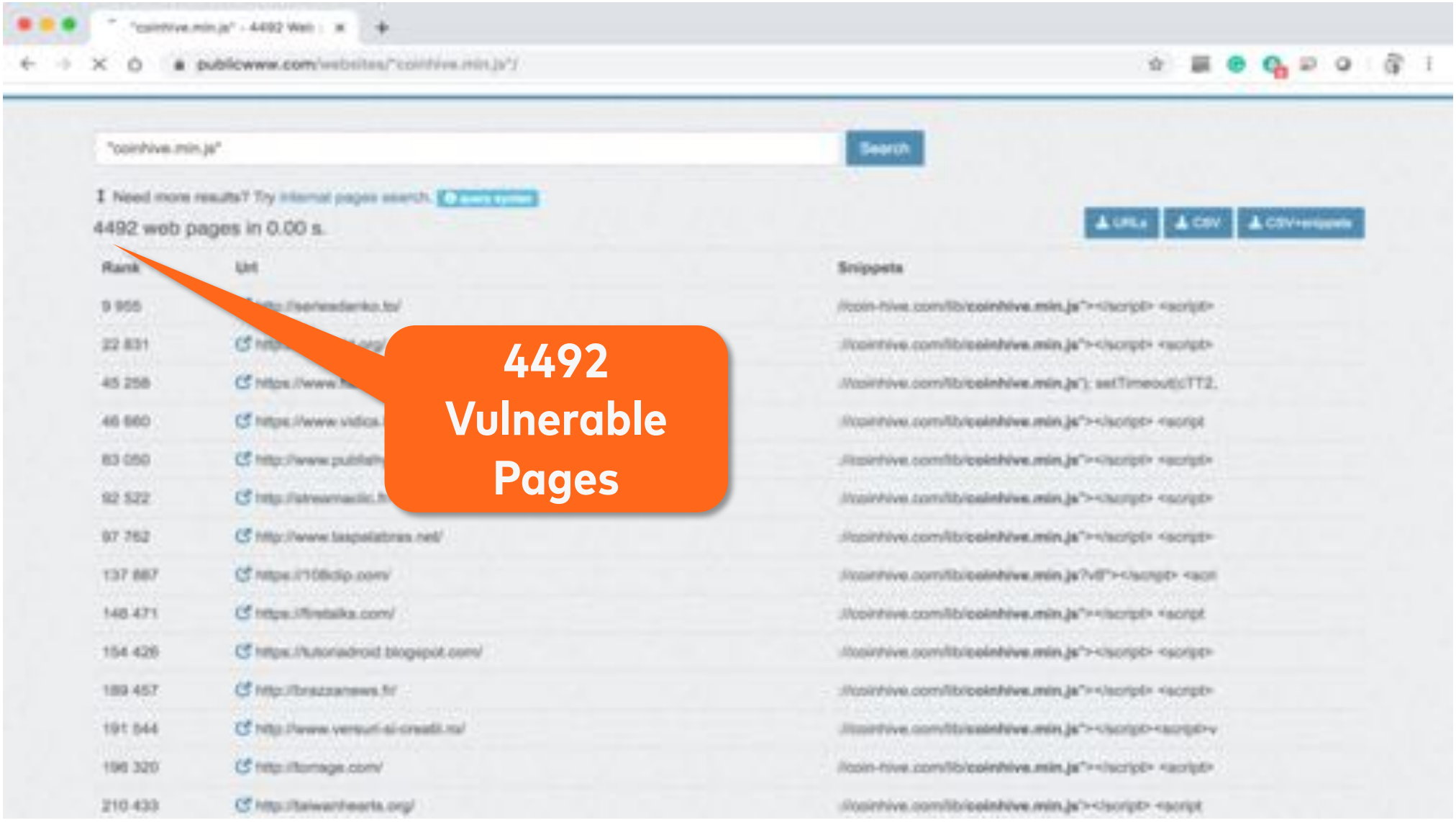
Myth 1: Hackers are targeting companies

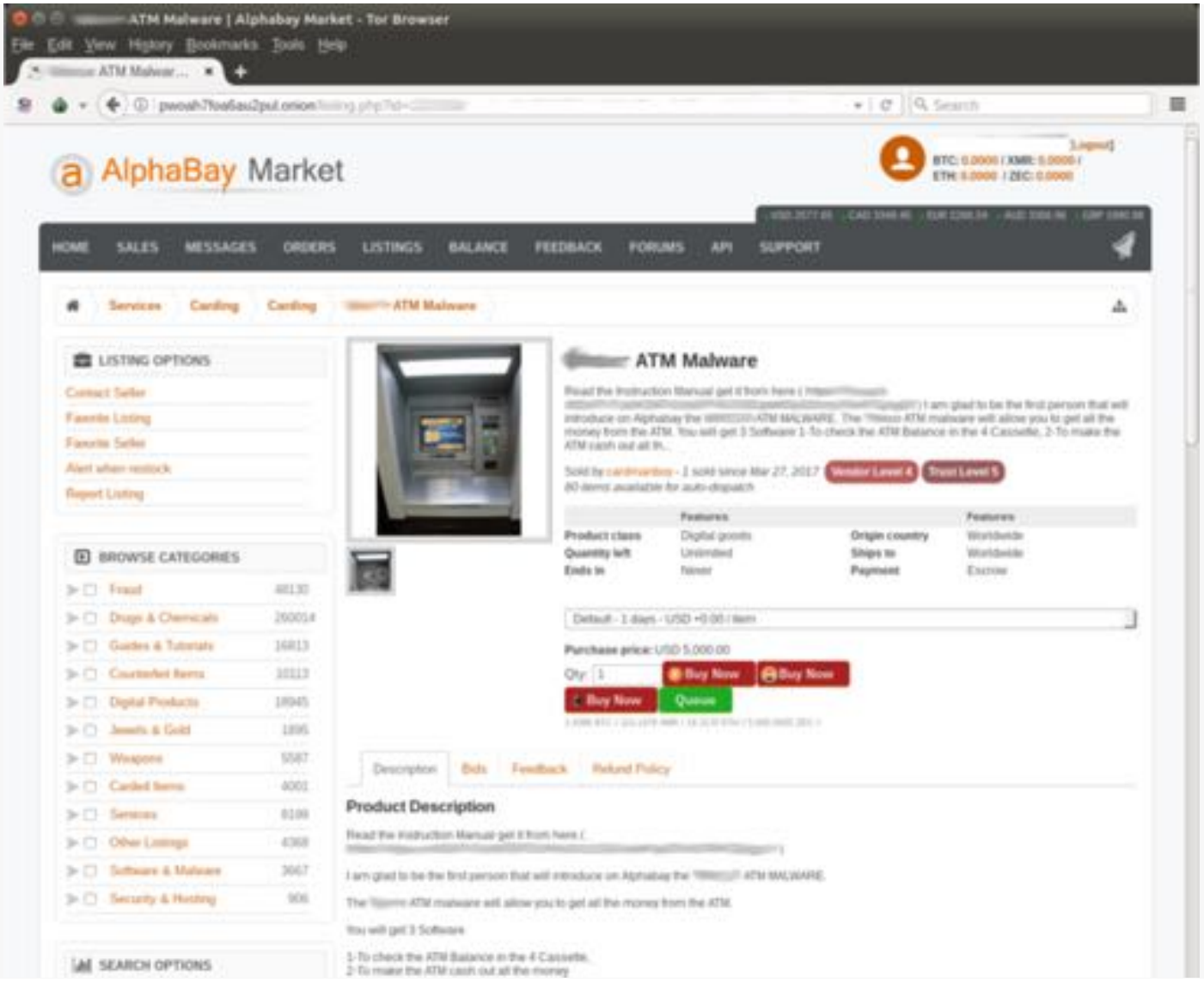

Robohacks
Hand-crafted attacks



Myth 2: Hackers are Geniuses

Advertised
Vulnerabilities
Intelligence Gathering


"coinhive.min.js"
Search
4492 web pages in 0.00 s.
Rank
Url
Snippets
4492
Vulnerable
Pages



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Stampado Ransomware - FUD - CHEAPEST - ONLY $39 - FULL LIFETIME LICENSE

---------- Stampado Ransomware ---------- You always wanted a Ransomware but never wanted to pay hundreds of dollars for it ? - This list is for you! :) ----------
Stampado is a cheap and easy to manage ransomware, developed by me and my team. It...

Sold by The_Rainmaker - *2* sold since *Jul 12, 2016* Vendor Level 1 Trust Level 5

	Features		Features
Product class	Digital goods	**Origin country**	Worldwide
Quantity left	Unlimited	**Ships to**	Worldwide
Ends in	Never	**Payment**	Escrow

Default - 1 days - USD +0.00 / item

Purchase price: USD 39.00

Myth 3: Hackers are Admirable/Cool etc

TOWN
2)673-7260

Marcel Lazar (Guccifer) – Hacked celebrities and politicians email for blackmail and exploitation – 4 years in Romanian jail.

Zachary Buchta . Hacker for Hire – Forfeited $350,000 and will spend 2 ½ years at least in Prison

WANTED
BY THE FBI

MAKSIM VIKTOROVICH YAKUBETS

Conspiracy; Conspiracy to Commit Fraud; Wire Fraud; Bank Fraud;
Intentional Damage to a Computer

DESCRIPTION

Aliases: Maksim Yakubets, "AQUA"
Date(s) of Birth Used: May 20, 1987
Place of Birth: Ukraine
Hair: Brown
Eyes: Brown
Height: Approximately 5'10"
Weight: Approximately 170 pounds
Sex: Male
Race: White
Citizenship: Russian

REWARD

The United States Department of State's Transnational Organized Crime Rewards Program is offering a reward of up to $5 million for information leading to the arrest and/or conviction of Maksim Viktorovich Yakubets.

Maksim "Aqua" Yakubets indicted by the FBI after a 10 year crime spree netting over $100m through defrauding consumers

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Myth 4: Hacking is a victimless crime

Four U.S. cities were hit with ransomware in December, capping off a year of cyberattacks that one cybersecurity firm called an "unprecedented and unrelenting barrage." The malicious software that hijacks computers and encrypts files snarled essential government services in Pensacola, Florida; New Orleans, Louisiana; Galt, California; and St. Lucie, Florida.

Pensacola government telephone and email systems, internet servers, and the online payment system at the sanitation department and Pensacola Energy were rendered inoperable during a cyberattack on December 7. A state of emergency was declared in New Orleans after ransomware infected city servers and computers on December 13. In Galt, a suburb of Sacramento, city email and telephone systems were knocked offline on December 16. And on December 17, the St. Lucie County Sheriff's office was knocked offline, including the sheriff's office email server and the fingerprinting and background check systems.

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In the last 12 months, cybercrime proceeds to hedonistic and immoral crime:

$600,000,000,000USD

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The Dark Side of the Dark Web

$1.5T revenue generated from **cybercrime**[1]

$600B **cybercrime** revenue spent back on crime[1]

$22.3B yearly cost of not preventing credit card **cybercrime**[2]

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1 INTO THE WEB OF PROFIT, 2016
2 CYBERSECURITY MA BUSINESS CASE, 2016 TO MERCHANTS, ISSUERS, AND CARDHOLDERS

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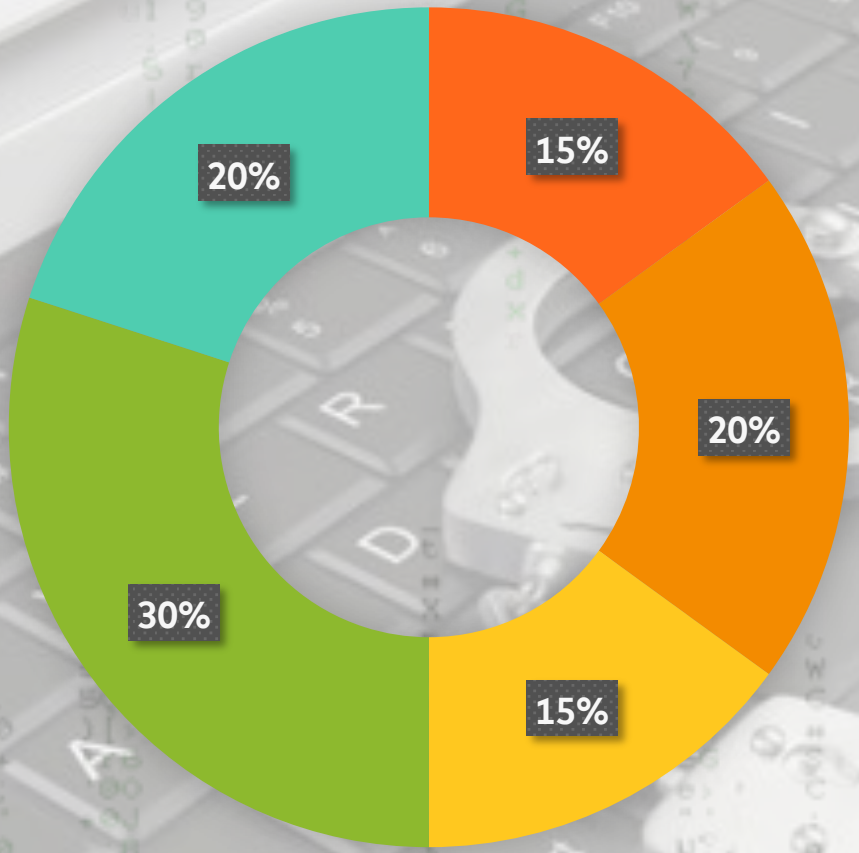
Proceeds Of The $1.5 Trillion Dollar Cybercrime industry



- Groceries, Living expenses
- Hedonistic spending - drugs, prostitution
- Jewelry, Impressing partners, attaining status
- Assets, Property
- Criminal Activity, drug production, terrorism, human trafficking

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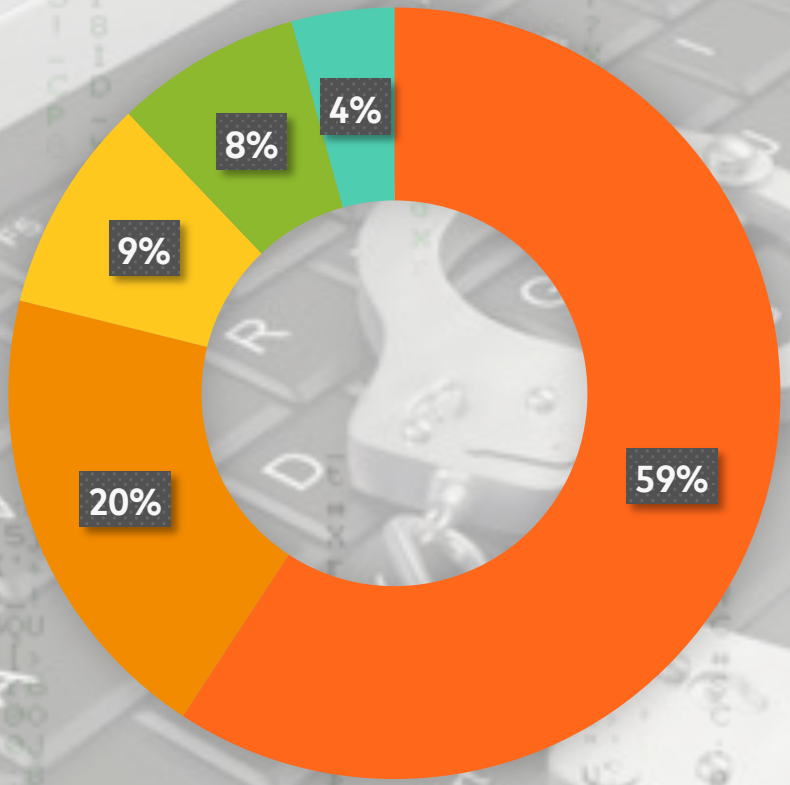
Proceeds Of The $3.2 Billion Dollar Social Media Cybercrime industry



- Illegal pharmaceutical sales (i.e. prescription drugs)
- Stolen data sales
- Financial Fraud
- Cryptomining malware
- Romance/Dating Fraud

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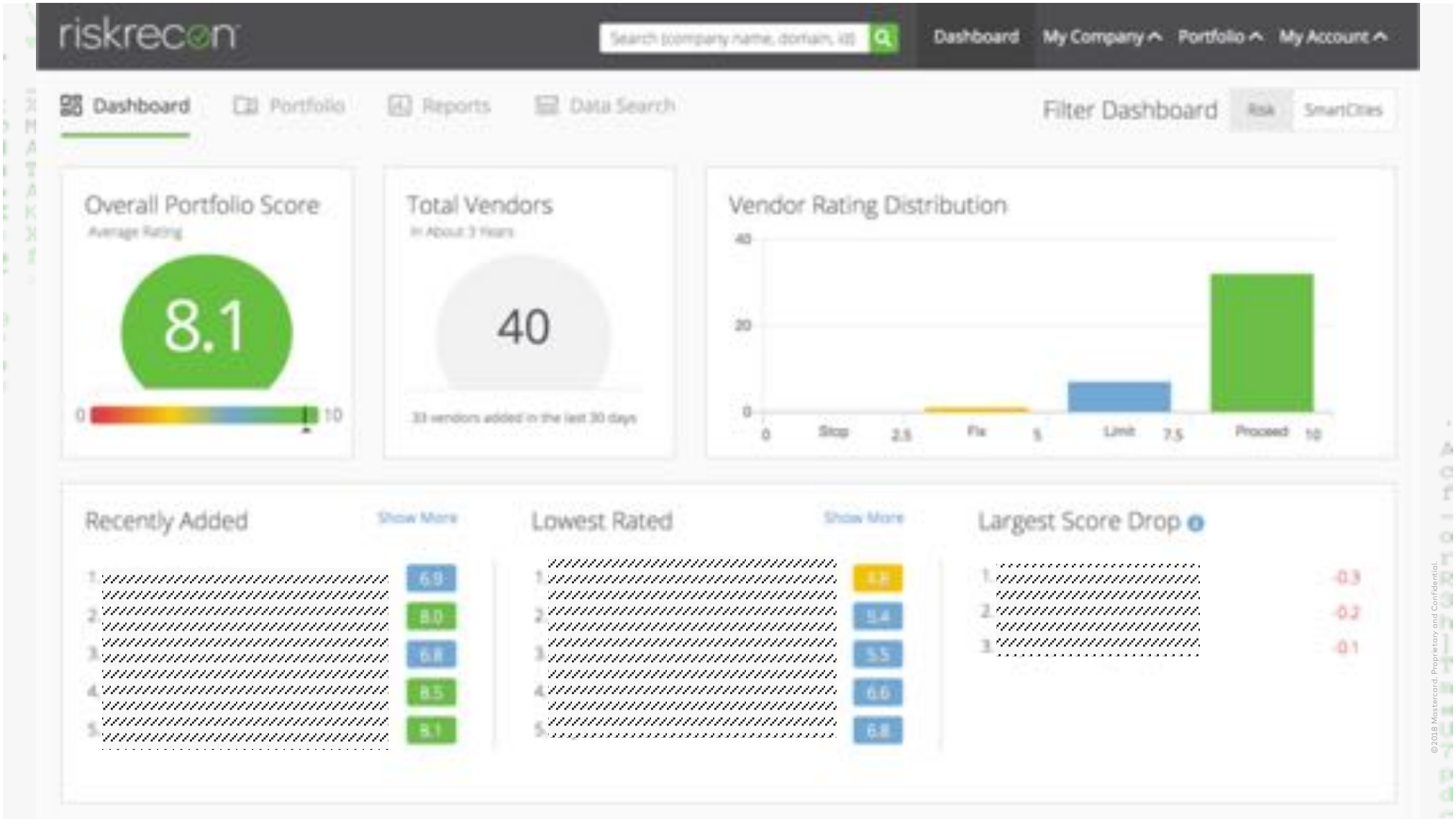
15% of social media malware infections arrive via funny videos. Lolz!

Myth 5: The Good Guys can't win.

Don't be the
slowest rabbit

WARNING! PROTECTED BY:
ALL ACTION ALARM
CENTRAL STATION MONITORING
(866) 879-4733
WWW.ALLACTIONALARM.COM


riskrecon
Search (company name, domain, id)
Dashboard
My Company
Portfolio
My Account
Dashboard
Portfolio
Reports
Data Search
Filter Dashboard
Risk
SmartCities
Overall Portfolio Score
Average Rating
8.1
0
10
Total Vendors
In About 3 Years
40
33 vendors added in the last 30 days
Vendor Rating Distribution
40
20
0
0
Stop
2.5
Fix
5
Limit
7.5
Proceed
10
Recently Added
Show More
1.
2.
3.
4.
5.
6.9
8.0
6.8
8.5
8.1
Lowest Rated
Show More
1.
2.
3.
4.
5.
5.4
5.5
6.6
6.8
Largest Score Drop
1.
2.
3.
-0.3
-0.2
-0.1
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Issue Priority Matrix

Risk Priority 1

Company	Issue Count
[redacted]	44
[redacted]	20
[redacted]	13
[redacted]	8
[redacted]	5
[redacted]	3
[redacted]	2
[redacted]	1
[redacted]	1
[redacted]	1

« ‹ 1 2 › »

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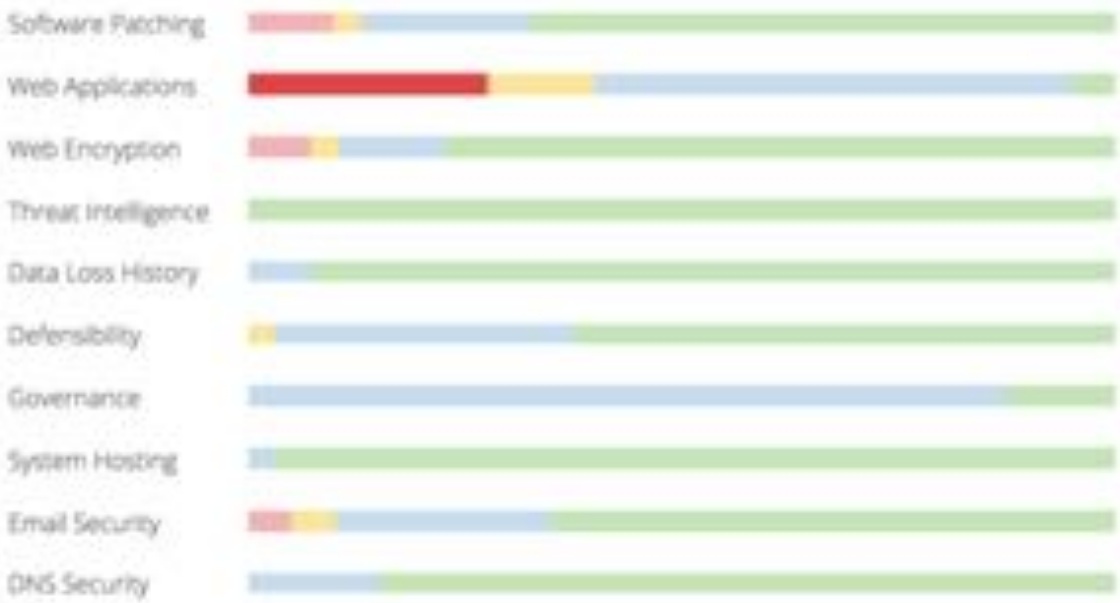
Security Domain Ratings

Categorized



Web Applications

Stop

Company	Rating
[illegible]	10
[illegible]	10
[illegible]	10
[illegible]	11
[illegible]	13
[illegible]	16
[illegible]	18
[illegible]	20
[illegible]	21
[illegible]	22

« ‹ 1 2 › »

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Recon Rating

Date: 12/10/2018 Score:

Industry Ratings

8.1

Industry Average

2nd

Percentile Rank

Public Sector

Industry

Domain Ratings

Domain	Rating	Trend	Domain	Rating	Trend
Software Patching	1.1	0.0 —	Web Applications	5.5	0.0 —
Web Encryption	1.3	0.0 —	Threat Intelligence	10	0.0 —
Data Loss History	10	0.0 —	Defensibility	10	0.0 —
Governance	6.0	0.0 —	System Hosting	10	0.0 —
Email Security	0.0	0.0 —	DNS Security	10	0.0 —
Network Filtering	N/A				

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Security Criteria	Rating	Issue Count	Population	Issue Rate	
Application Server Patching	1.0	4	6	67%	Hide Details

RiskRecon discovered 4 systems running end of life application server software. All systems running end of life software should be upgraded to current, vendor supported software to ensure that patches are readily available for current and future security issues.

Software	IP Address	Hostname	Days Open	Asset Value	Severity	Priority	Action Plan
PHP 5.3.x	[redacted]	[redacted]	358	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	273	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	273	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	400	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	358	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	348	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	410	high	critical	1	yes
PHP 5.3.x	[redacted]	[redacted]	390	high	critical	1	yes
PHP 5.2.x	[redacted]	[redacted]	379	medium	critical	2	yes
PHP 5.2.x	[redacted]	[redacted]	410	medium	critical	2	yes
PHP 5.2.x	[redacted]	[redacted]	379	medium	critical	2	yes
PHP 5.3.x	[redacted]	[redacted]	121	medium	critical	2	yes
PHP 5.2.x	[redacted]	[redacted]	400	medium	critical	2	yes
PHP 5.2.x	[redacted]	[redacted]	410	medium	critical	2	yes
PHP 5.2.x	[redacted]	[redacted]	313	medium	critical	2	yes

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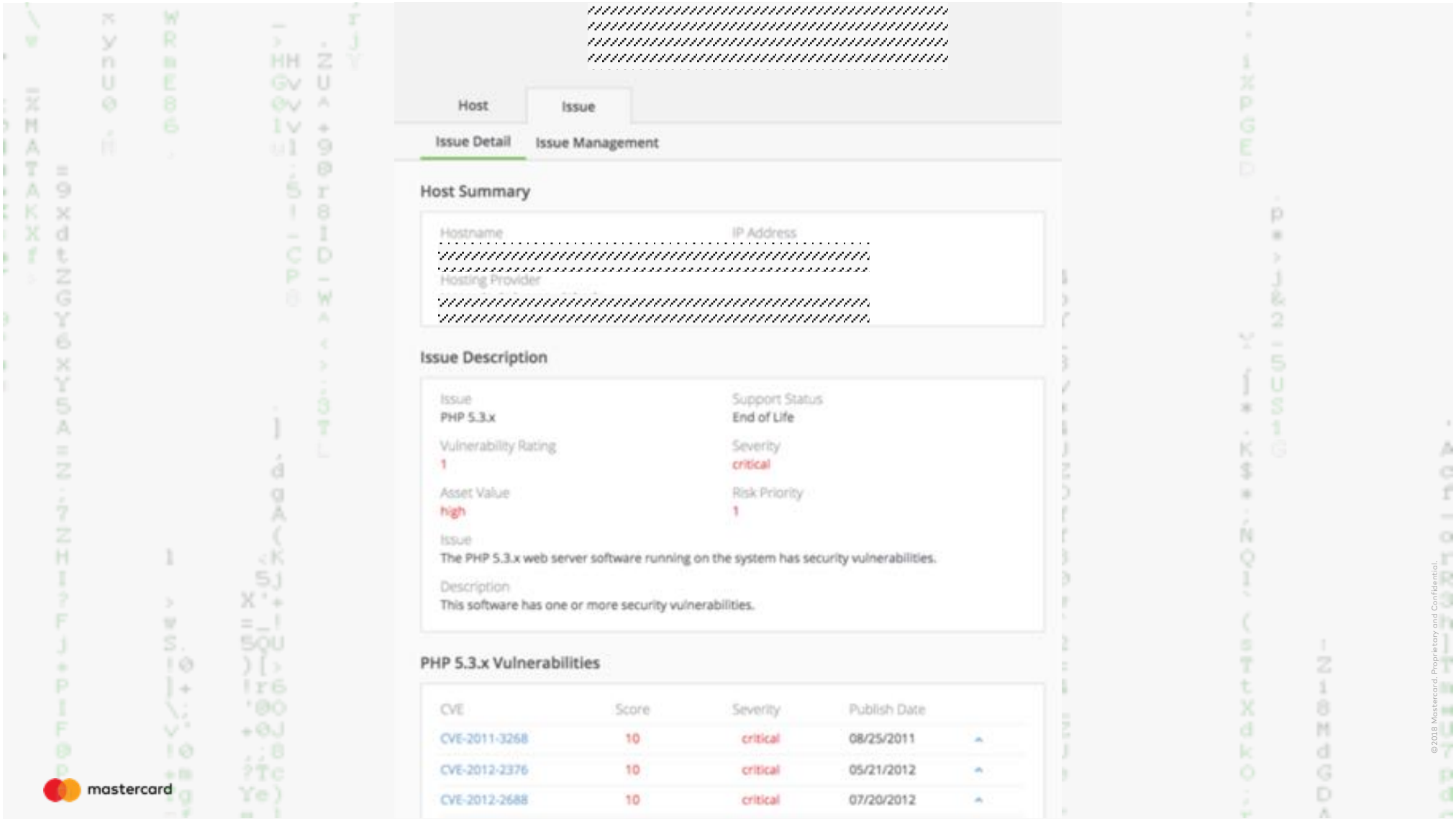

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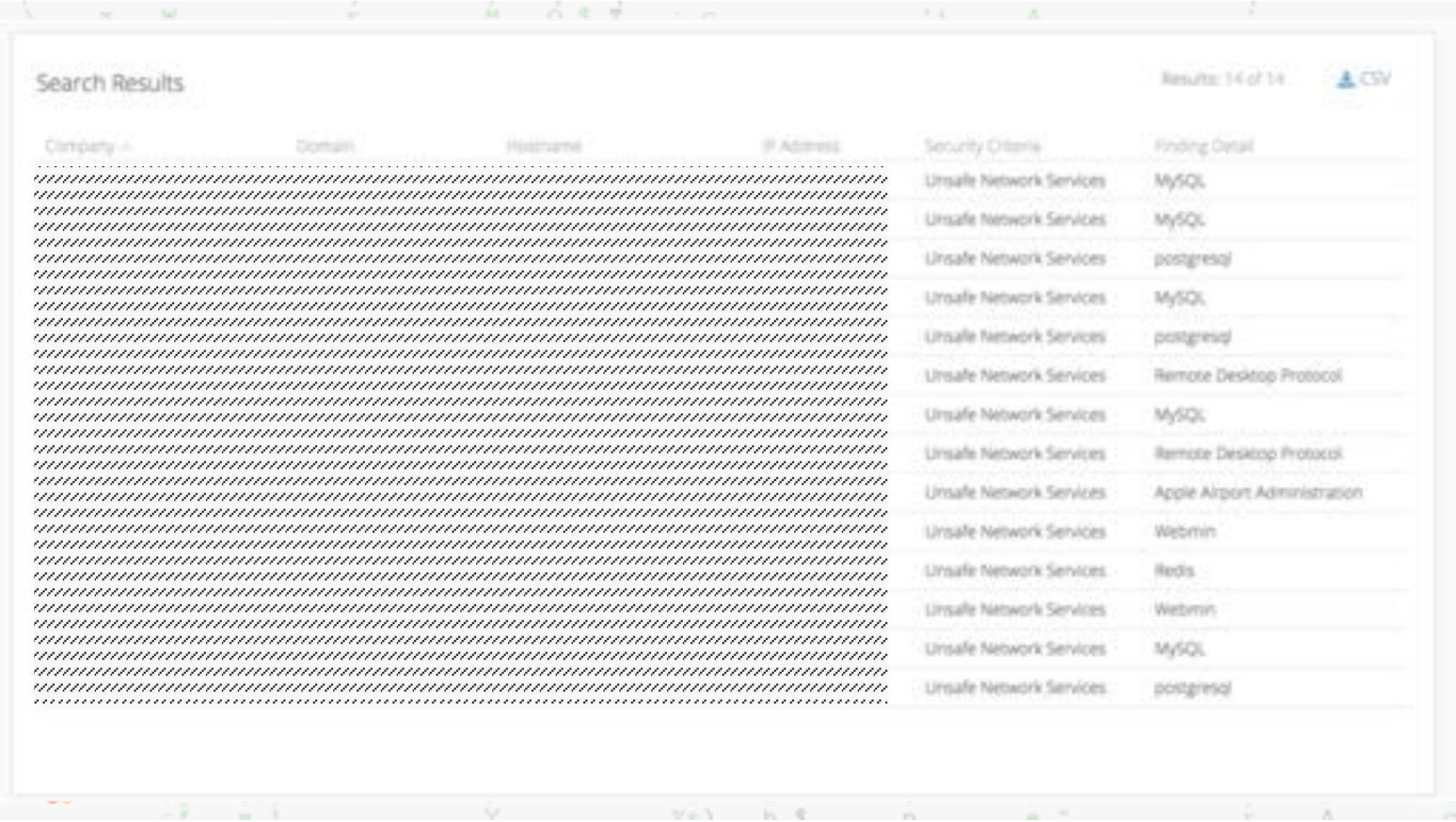
Search Results
Results: 14 of 14
CSV
Company
Domain
Hostname
IP Address
Security Criteria
Finding Detail
Unsafe Network Services
MySQL
Unsafe Network Services
MySQL
Unsafe Network Services
postgresql
Unsafe Network Services
MySQL
Unsafe Network Services
postgresql
Unsafe Network Services
Remote Desktop Protocol
Unsafe Network Services
MySQL
Unsafe Network Services
Remote Desktop Protocol
Unsafe Network Services
Apple Airport Administration
Unsafe Network Services
Webmin
Unsafe Network Services
Redis
Unsafe Network Services
Webmin
Unsafe Network Services
MySQL
Unsafe Network Services
postgresql

Add Vendors

	4.8	6.6	6.8	7.2	8.0
Software Patching	1.1	3.5	2.3	7.4	9.7
Web Applications	5.5	5.9	5.0	2.0	1.6
Web Encryption	1.3	7.5	9.7	8.2	7.6
Threat Intelligence	10	10	10	10	9.6
Data Loss Events	10	10	10	8.1	10
Defensibility	10	7.2	8.0	6.2	7.4
Governance	6.0	6.0	6.0	6.0	6.0
System Hosting	10	7.2	9.6	8.8	9.4
Email Security	0.0	7.2	8.9	6.7	7.5
DNS Security	10	6.7	8.6	7.0	7.2

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1. Hackers don't just target companies – they target everyone
2. Hackers are not geniuses, they prey on simple mistakes
3. Hackers are not admirable – they are common criminals
4. Hacking is not victimless – it has a huge social impact
5. You can win against cybercrime, or at least eliminate the common attacks

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Who has the least risky environment in the room?

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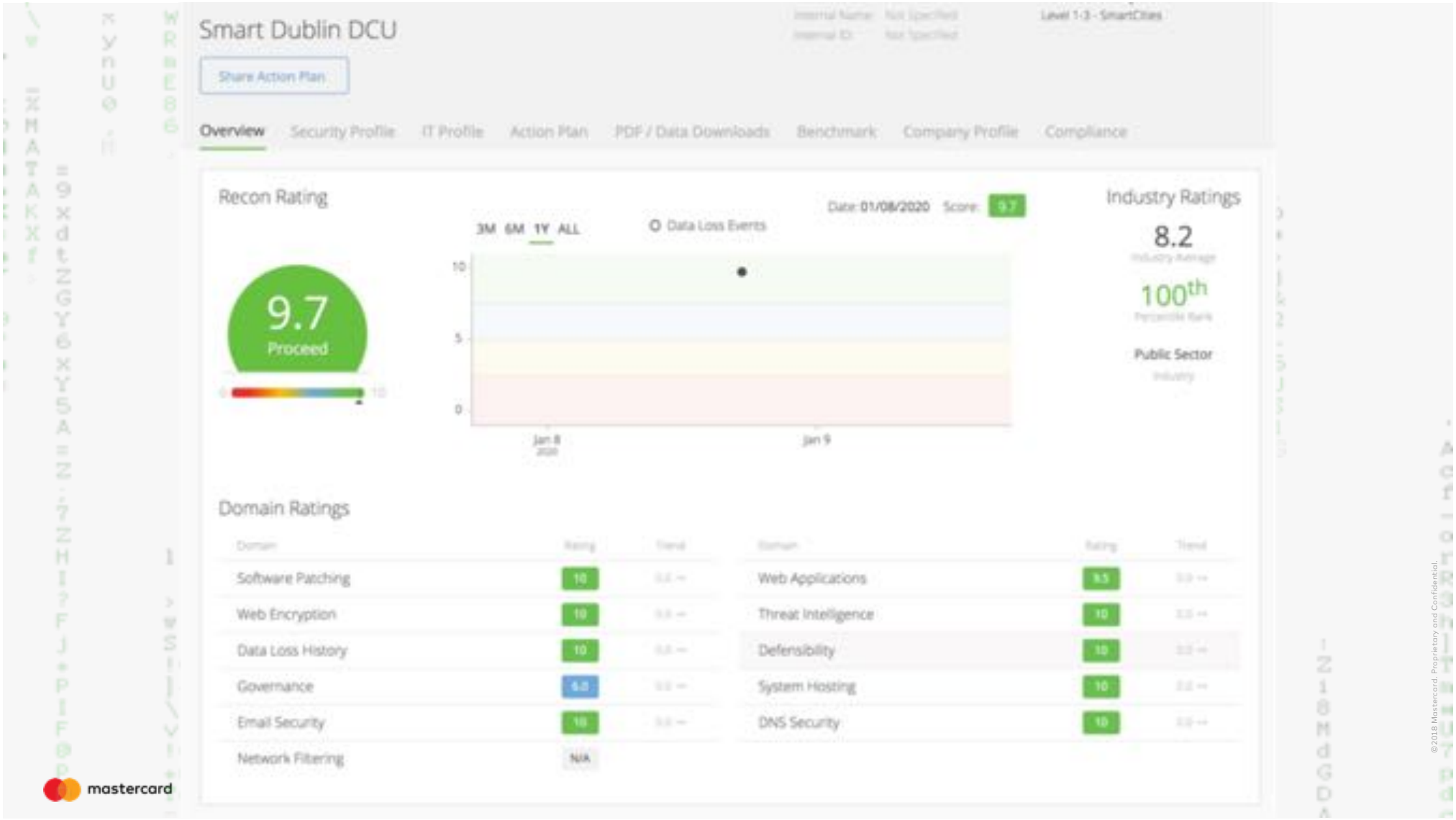
Smart Dublin DCU
Share Action Plan
Overview
Security Profile
IT Profile
Action Plan
PDF / Data Downloads
Benchmark
Company Profile
Compliance
Recon Rating
9.7
Proceed
3M 6M 1Y ALL
Data Loss Events
Date: 01/08/2020
Score: 9.7
Jan 8
Jan 9
Industry Ratings
8.2
100th
Public Sector
Domain Ratings
Software Patching
Web Encryption
Data Loss History
Governance
Email Security
Network Filtering
N/A
Web Applications
Threat Intelligence
Defensibility
System Hosting
DNS Security
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Be a faster rabbit...
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