



FACULTY OF SCIENCE & TECHNOLOGY

Department of Computing & Informatics

Forensic Computing & Security

Cybercrime

20th October 2020

Word Count: 2800

Paul-David Jarvis

s5115232@bournemouth.ac.uk

Infraud Organization

Table of Contents

| | |
|--|-----------|
| Introduction | 4 |
| Cybercrime Syndicate Architecture, Techniques and Attribution | 4 |
| Cybercrime Economy Analysis | 7 |
| Strengths | 10 |
| Weaknesses | 10 |
| Opportunities | 10 |
| Threats | 10 |
| Risks and Implications for Broader Society | 10 |
| Political | 10 |
| Economic | 11 |
| Socio-Cultural | 12 |
| Legal | 12 |
| Continued Existence and Evolution | 12 |
| Recommendations for Mitigation | 15 |
| References | 18 |
| Appendices | 20 |
| Appendix A: Keywords From 13th November Capture of Infraud.ws | 20 |

List of Figures

| | |
|---|-----------|
| Figure 1: Infraud Organisation Hierarchy. - (Thirty-six Defendants Indicted for Alleged Roles in Transnational Criminal Organization Responsible for More than \$530 Million in Losses from Cybercrimes, 2018)..... | |
| 6 | |
| Figure 2: Darkweb CVV Marketplace. - (http://f6wqhy6ii7metm45m4mg6yg76yytik5kxe6h7sestyvm6gnlcw3n4qad.onion)..... | 8 |
| Figure 3: Infraud Member “lernotov” Conditions. - (infraud.ws archives, 2010)..... | 9 |
| Figure 4: Infraud’s Form. - (infraud.ws archives, 2010)..... | 9 |
| Figure 5: Infraud’s Form 16th Nov 2010 Capture. - (Wayback Machine, n.d.)..... | 13 |
| Figure 6: Infraud’s Form Sub Thread 16th Nov 2010 Capture. - (Wayback Machine, n.d.)..... | 13 |
| Figure 7: Infraud’s Form 13th Nov 2018 Capture. - (Wayback Machine, n.d.)..... | 14 |
| Figure 8: Country Selection. - (Infraud.ru)..... | 14 |
| Figure 9: PII. - (Infraud.ru)..... | 15 |
| Figure 10: Left: Real PayPal Login, Right: Fake PayPal Login. - (Personal, Kali Linux, SocialFish.)..... | 16 |
| Figure 11: ATM Skimming Device. - (How to Identify an ATM Skimmer, 2020)..... | |
| 16 | |

Introduction

This report looks at the criminal organisation notorious for their carding services, Infraud Organization. It was created in October 2010 by a 34 year old Ukrainian man called Svyatoslav Bondarenko who also went by the nicknames “Obnon,” “Rector,” and “Helkern”. The criminal syndicate was created to promote and grow interest in Infraud as the main carding marketplace on the dark web. It’s hard to say whether or not the operation that tackled and arrested many of Infraud members fully shut down the syndicate as popular illegal websites such as Silk Road and Carding always pops back up on the dark web. A screen capture on November 2018 from the “Wayback Machine ” shows that a website with the domain “infraud.ws” which was also the domain used in the video that was published to YouTube showing a look at Infraud’s website was active. However, it’s hard to say whether or not this site was fully active as there was only an authorisation page and considering the services offered and the fact that we know is that Infraud operating on the dark web could mean that this site could be linked with the criminal syndicate and a prerequisite to gaining access to their darkweb website or a fan page. It is very important to expose fraud as an overall issue as so many people are affected and ruined by it and criminal syndicates like Infraud cause the most havoc.

Cybercrime Syndicate Architecture, Techniques and Attribution

Infraud directs the traffic of potential buyers to automated vending sites of their members where they can buy and sell the stolen identifications, stolen financial and banking information, malware and other illegal contrabands. These were known as automated vending sites (“AVS”). They also provide an escrow service to ease the selling of digital currency to their members and their screening protocols to make it appear that only high quality sellers of stolen banking information and personally identifiable information to their members.

Infraud and their vendors sold a large variety of illegal and stolen goods; Amjad Ali became a member in December of 2010 and was a vendor of CVVs and other compromised credit card

and account information such as the account holder's name, date of birth, social security number, address, telephone and their mother's maiden name. Miroslav Kovacevic became a member in November of 2012 and was a vendor of plastics, templates and scans used to create counterfeit credit cards. It is difficult to say whether or not Infraud targeted certain people as it appears that most of their members sold and brought from data dumps gotten from companies involved in data breaches. Some members sold and brought skimming equipment to tamper with ATM machines so the assumption is quantity over quality.

Infraud's market places such as Carders had an organisation hierarchy to their members. There were certain roles that were assigned to members of Infraud such as "Administrators" otherwise known as "4DMini57r480rz" who managed the day-to-day operation, planned for what's next, approved potential new members and were in charge of assigning punishments and rewards to members. "Super Moderators" or "Super M0DER470R5" oversaw their proficient subject form. "Moderators" or "M0d3r470r2" oversaw one or two specific sub-forums which were their expertise. "Vendors" otherwise known as "Professors" or "Doctors" were those who sold illegal and stolen products and services to the other infraud members through their own website where they paid to advertise their store. "VIP Members", aka "Fratello Masons" or "Advanced Members" and "Members", aka "PhrUd573r" were those members who used these forums like Carders to help execute their criminal activity. There were roughly 11,000 registered members on their forums.

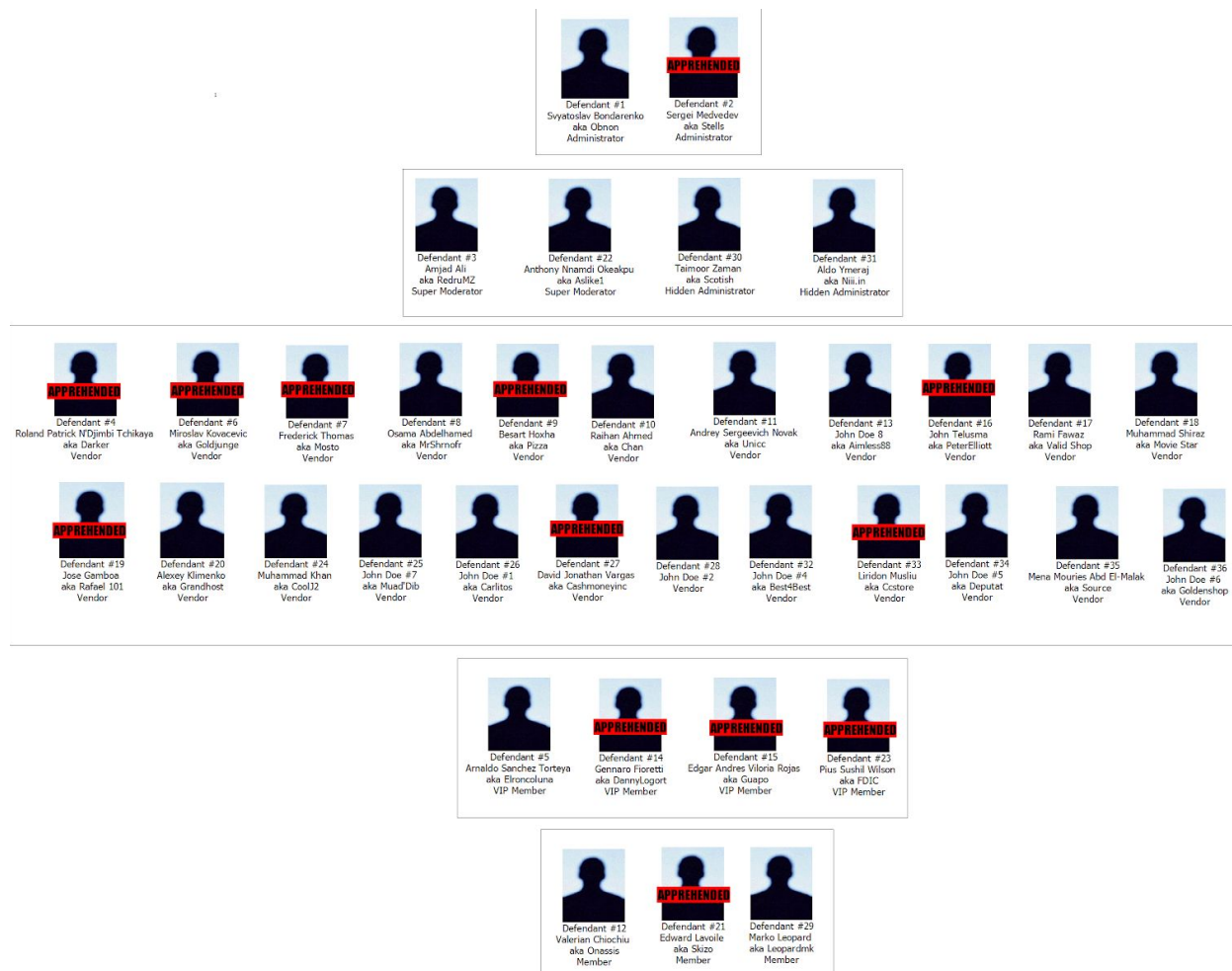


Figure 1: Infraud Organisation Hierarchy. - (Thirty-six Defendants Indicted for Alleged Roles in Transnational Criminal Organization Responsible for More than \$530 Million in Losses from Cybercrimes, 2018)

The purpose of Infraud was for financial motivation and to make their members and those associated with them money through the selling of illegal products such as counterfeit IDs and the equipment to make them as well as selling advertisement spaces to vendors. They also had several other factors that motivated them such as to establish a name for themselves, to teach their members about how to use the stolen products that they brought and to protect Infraud itself as well as their members from the uncovering and apprehension by the United States, European, Australian and Asian law enforcement that banded together to create operation shadow web. (Thirty-six Defendants Indicted for Alleged Roles in Transnational Criminal Organization Responsible for More than \$530 Million in Losses from Cybercrimes, 2018)


Cybercrime Economy Analysis

Because of the convenience, speed and almost anonymity of the world wide web and the darkweb, it has allowed organisations like Infracore to rapidly grow their size in members as well as their customers. Their actions of theft in stealing personally identifiable information (PII) and financial information and targeting mainly vulnerable individuals with their members resources and infrastructure had resulted in \$530 million in actual losses and an estimated \$2.2 billion in intended losses. (Thirty-six Defendants Indicted for Alleged Roles in Transnational Criminal Organization Responsible for More than \$530 Million in Losses from Cybercrimes, 2018)

Sergey Medvedev, the co-founder of Infracore, was arrested in Bangkok, Thailand with over 100,000 bitcoins which was worth roughly \$822 million at the time of his arrest (Haig, 2012). This was money received from transactions made on Infracore's website where the members would sell PII. In the indictment it shows their members were selling credit cards stolen from innocent people, special security numbers and compromised PayPal accounts. This stolen information was taken from innocent people involved in large scale scams and botnets or brought from other sellers on the darkweb and turned into cash from people wanting to buy this information for their own personal criminal activities like fraudulently gaining access to the stolen bank

accounts and credit cards, or to establish new lines of credit and then commit fraud.

USA CVV KNOWN BALANCE



You will get a High Quality known balance cc (100% li like my competitor ones) !
You will get the current balance (how much is owed t get available credit (so you know exactly how much t You will also get last statement date /amount and ne just so you get your head round it (in case your meth know exactly how to move around it.

You will receive the following card format:
CC number | expiry | CVV | first name | last name | a zipcode | email | phone number (where available) | c credit |

Cards designed for Paypal/stripe/square/venmo no mo money trying to find a card that works, with me you v guaranteed!

Always bought cards not knowing how much to charge, and worried about charging too much and kill cards, you will know EXACTLY how much is in there so you can charge it without worrying !
Happy buying !

| Product | Price | Quantity |
|---|---------------------|---|
| 10 x cards with credit from 1000 to 5000 USD | 90 USD = 0.00473 ₿ | <input type="text" value="1"/> X <button>Buy now</button> |
| 50 x cards with credit from 1000 to 5000 USD | 350 USD = 0.01840 ₿ | <input type="text" value="1"/> X <button>Buy now</button> |
| 10 x cards with credit from 5000 to 20000 USD | 120 USD = 0.00631 ₿ | <input type="text" value="1"/> X <button>Buy now</button> |
| 50 x cards with credit from 5000 to 20000 USD | 450 USD = 0.02366 ₿ | <input type="text" value="1"/> X <button>Buy now</button> |

Figure 2: Darkweb CVV Marketplace. -
(<http://f6wqhy6ii7metm45m4mg6yg76yytik5kxe6h7sestivm6gnlcw3n4qad.onion>)

Not only did infraud excel in stealing PII, their members on their forum also dabbled in many other things. There is a video “infraud.ws archives” posted by a youtube channel called “infraud”, it shows Infraud’s website “carders” and its sub threads as well as some of their members which show that Infraud didn’t only sell PII and credit card information, but they also had sub threads for ATM skimmers and trojans. In addition to this, we can also gather some other information from the “carders” website such as prices for dumps and CVV information such as a member called “lernontov” who joined on the 22nd of february 2008 looking to cell dumps from all around the world; a US Visa was listed for \$20 and European and Asian Visa were listed for \$90. There is some sophicastion to this forum which isn’t surprising due the

incredibly low cost of entry which the easily available tools and training; “lernotov” would most communicate over ICQ; a VoIP client and had conditions for selling to members of infraud such as sending the dumps to the clients after they’ve received full payment and minimum orders like 10 US dumps. (infraud.ws archives, 2010)

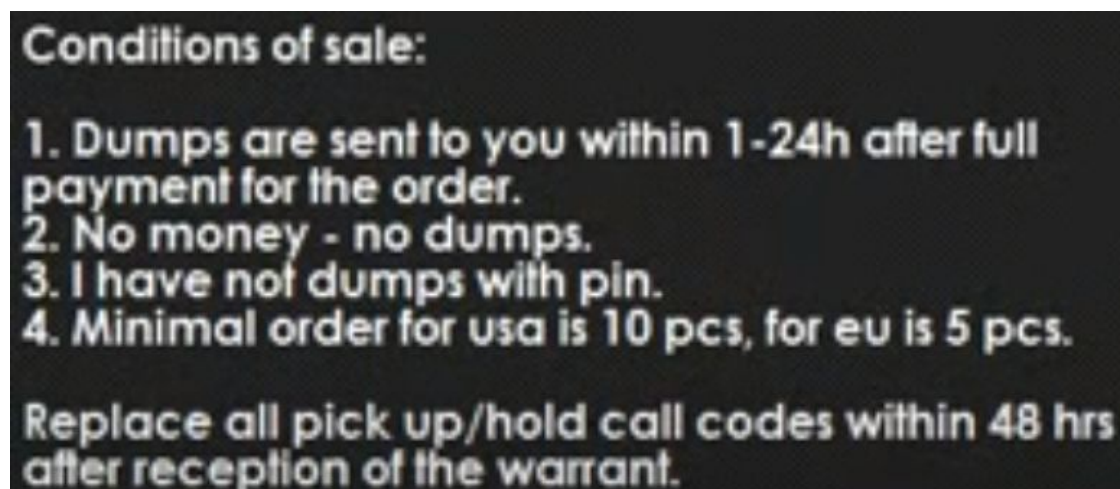


Figure 3: Infraud Member “lernotov” Conditions. - (infraud.ws archives, 2010)

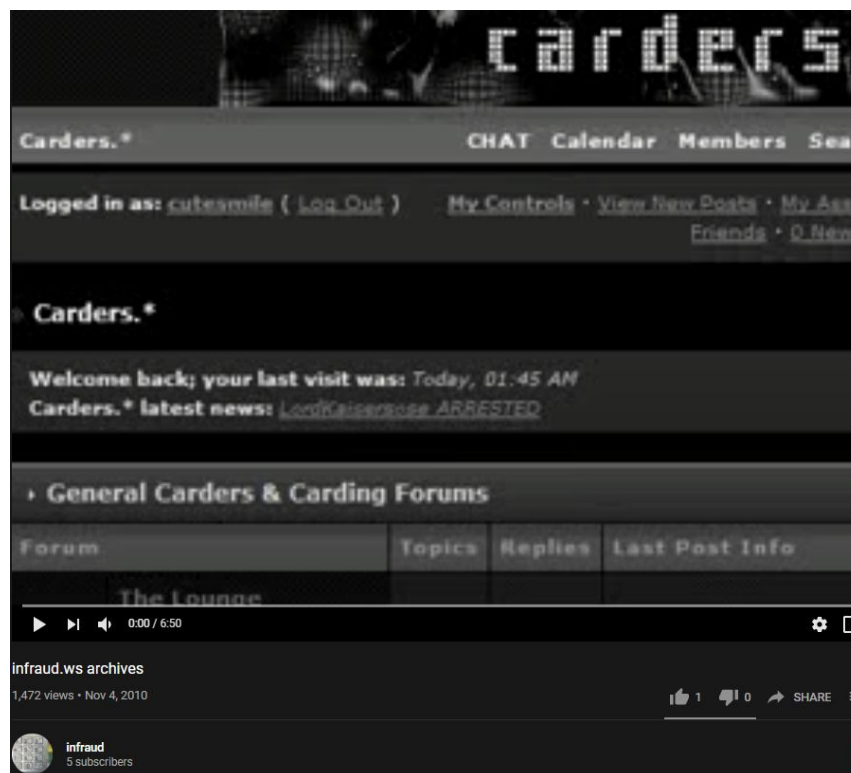


Figure 4: Infraud's Fourm. - (infraud.ws archives, 2010)

Strengths

The strengths of Infraud's market is that they have an openly available forum and suspected darkweb forum which means that anyone could access meaning that anyone is a potential customer.

Weaknesses

Infraud is a criminal organisation and their form allows other users to join and start to sell their services. This means that it is hard to have a trusted seller on their forum. Because of the illegal services being offered on the forum means that customers can't do anything if any of the vendors decide to sell fake information.

Opportunities

Most of Infraud's services come from data dumps from breached organisations. Whenever an organisation is breached and their data is stolen and sold or leaked then this provides more opportunities to Infraud to make money by selling the data stolen.

Threats

The main threats of their market is also their strength. "Carders" being online means that anyone is a potential customer, however nothing stops any authority organisation such as the Department of Justice (DOJ) or the Federal Bureau of Investigation (FBI) to view their services to build their criminal investigation.

Risks and Implications for Broader Society

Political

Fraud and cybercrime has become a growing issue especially during times when there are more people on the internet. Governments and other higher officials tend to make solving these

problems their top priority. With the recent hack of SolarWinds and consequently hack of Fireeye and a variety of US government agencies, the newly appointed president of the United States, Joe Biden, has vowed to make cybersecurity his top priority. However, with the increasing number of fraud victims, just under one million cases reported in the UK alone (Fraud and cyber crime national statistics | Action Fraud, 2020), means that the public loses faith in the government. (Biden vows to make cybersecurity top priority of administration, 2020)

Economic

Every person is a potential target for fraud and the majority of them will be unaware that they have become a victim, some of the victims may just be using an ATM machine but unaware that a member of Infraud could have potentially compromised the machine and have skimmed their credit card and their pin. Infraud specialises in carding and selling PII that their members get from data dumps on the darkweb. The victims of the data dumps will have their personal information and their financial information sold to infraud members and other clients who would use it for other illegal activities. This introduces a few possible outcomes such as the victim could be thrown into debt due to their money being used to buy expensive goods or potentially arrested due to the criminal activities committed by Infraud members in their name. A research paper produced in February 2020 and a collaboration with the Cabinet office and the Commonwealth Fraud Prevention Centre measured that in the United Kingdom, citizens and other public bodies were estimated to lose between 0.5% and 5% of their spending to fraud and related loss which equates to 31 to 48 billion lost every year. (Guide to Understanding the Total Impact of Fraud, 2020)

There are many factors that affect the economic risk and implications to a business or organisation. Detecting that fraud has taken place requires resources that cost money; detection programs, compliance checks, data analytics programs and other detection hardware and software are also included in the cost. Now that organisations can detect fraud, they have to fund the resources to investigate it. Paying internal and external staff to look through all data and information relating would be expensive (Guide to Understanding the Total Impact of Fraud, 2020) and potential data breaches and other General Data Protection Regulation (GDPR) penalties and fines could be a maximum of £18 million. (GDPR Penalties and Fines | What's the Maximum Fine?, 2003)

Socio-Cultural

Infraud mainly targets credit card information from dumps and certain users perform and sell the needed equipment to hack ATMs. This has caused a shift in people's attitude towards owning and using credit cards and giving their data over to companies as they hear stories about people losing everything due to their PII being stolen. People are also now very suspicious of ATM machines and would check specific features such as the PIN keypad and card input.

Organisations now take potential security breaches much more seriously with the increased risks of penalties from laws like the GDPR and people's and potential customer's attitudes towards handing over their PII to companies.

Legal

Victims of the data breaches that members of infraud sell or use for their own criminal activities could cause the victim's potential legal risks. Lance Miller who was arrested in Colorado because the sheriff department believed he was a burglar. It turned out that prior to his arrest, his wallet was stolen and his ID was used to impersonate him and his bank accounts were drained. (From Stolen Wallet to ID Theft, Wrongful Arrest — Krebs on Security, 2016)

Organisations are by law required to protect data according to GDPR. Infraud members buy PII from dumps that come from when an organisation or business's records are breached and the information is stolen. The maximum fine that an organisation can receive is £18 million as well as other penalties such as being ordered to erase their data, warnings and potential jail time. (GDPR Penalties and Fines | What's the Maximum Fine?, 2003)

Continued Existence and Evolution

The history of "Carders" is incredibly interesting. Using "Wayback Machine" from Internet Archive I can see that there are 16 captures of their forum starting from November 16th 2010 and September 24th 2020; It appears that their forum's domain gets taken down regularly as the majority of the captures are for websites that are stating that the domain "infraud.ws". However,

captures taken from the 16th of November shortly after the video of their forum was released and Infraud Organisation was created shows a few more sub threads and markets like “Virtual Fraud” with the description of “Visa, Mastercard, AMEX, cvv processing..” and “Hacking & Coding” with the description of “Hacking, security, encryption, exploits and phreaking”. The capture taken from the 13th November 2018 is only a single page with an authorisation page that shows an evolution as when “Carders” first launched you were able to see threads and subthreads without logging in and a very large piece of text with a tone of suspicious keywords. (Appendix A) (Wayback Machine, n.d.)

inFrauD underground community

Welcome to the inFrauD underground community.

Figure 5: Infraud's Form 16th Nov 2010 Capture. - (Wayback Machine, n.d.)

Virtual Fraud

Visa, Mastercard, AMEX, cvv processing..

Forum Actions:

Forum Statistics:

- Threads: 40
- Posts: 66

Last Post:

[Sale CVV of the highest...](#)  [Go to last post](#)

by

[Livermore](#)

- [View Profile](#)
- [View Forum Posts](#)

Figure 6: Infraud's Form Sub Thread 16th Nov 2010 Capture. - (Wayback Machine, n.d.)

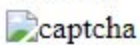
Login

Authorization

E-mail

Password

Captcha



Log in

[Create account](#)

Figure 7: Infraud's Form 13th Nov 2018 Capture. - (Wayback Machine, n.d.)

Upon further investigation I have discovered that infraud, much like silkroad, keeps on popping up with different domains. A website "infraud.ru" is still active and includes thousands of people's information from all around the world. It is unclear whether or not this follows the same trend as silkroad does and people other than Infraud members are using this site or whether it is a relation to "Carders".

| CARDS | | |
|------------------------|----------------------|--------------------|
| United States (256498) | Germany (495) | Italy (136) |
| Australia (1954) | Sweden (350) | Poland (118) |
| Brazil (1528) | United Kingdom (343) | South Africa (107) |
| Turkey (1132) | Spain (235) | Switzerland (101) |
| Saudi Arabia (1116) | Malaysia (223) | Romania (94) |
| Canada (1000) | Norway (179) | Argentina (87) |
| Mexico (879) | Czech Republic (178) | Philippines (85) |
| France (767) | Netherlands (161) | Pakistan (78) |
| New Zealand (750) | Singapore (145) | Thailand (67) |
| India (674) | Serbia (140) | Barbados (64) |

Figure 8: Country Selection. - (Infraud.ru)


| # | Number | date | name | Level | Type | Bank | Brand | ZIP | address | city | state | Country | Price | |
|------------|------------------|-------|-------------------|----------|--------|--|------------|---------|--|----------------|-------|---------------|-------|---|
| 1 - 12601 | 3760143xxxxxx07 | 10/24 | Belinda xxxxxxx | REVOLVE | CREDIT | AMERICAN EXPRESS UNITED KINGDOM - GLOBES TAR | AMEX | W105DP | 1E Shrewxxxxxxx | London | | Great Britain | 18 \$ |  |
| 2 - 12602 | 546977xxxxxx854 | 9/23 | Yvonne xxxxxxxxx | STANDARD | CREDIT | CAPITAL ONE (EUROPE) P LC | MASTERCARD | NG200DQ | 1 Vale Ave xxxxxxxxx | Mansfield | | Great Britain | 45 \$ |  |
| 3 - 12603 | 546977xxxxxx971 | 8/22 | Nafeesa xxxxxxxxx | STANDARD | CREDIT | CAPITAL ONE (EUROPE) P LC | MASTERCARD | SL12YG | 28 Sp xxxxxx | Slough | | Great Britain | 45 \$ |  |
| 4 - 12604 | 546977xxxxxx806 | 8/23 | Nicola xxxxxx | STANDARD | CREDIT | CAPITAL ONE (EUROPE) P LC | MASTERCARD | B262UA | 253 Sheldon xxxxxxxxx | Birmingham | | Great Britain | 45 \$ |  |
| 5 - 12605 | 5181760xxxxxx584 | 6/20 | Xavier xxxxxxx | STANDARD | DEBIT | BANCO BILBAO VIZCAYA ARGENTARIA S.A. (BBVA) | MASTERCARD | 08223 | 123 Menendez xxxxxxxxx | Terrassa | | Spain | 36 \$ |  |
| 6 - 12606 | 4757146xxxxxx720 | 12/22 | Annette xxxxxxxxx | CLASSIC | DEBIT | SANTANDER UK PLC. | VISA | G315LJ | 3 Dalton xxxxxxxxx | Glasgow | | Great Britain | 36 \$ |  |
| 7 - 12607 | 546976xxxxxx683 | 11/22 | Michelle xxxxxx | STANDARD | CREDIT | CAPITAL ONE (EUROPE) P LC | MASTERCARD | CF35HW | 40 Braunton Ave L xxxxxx xxxxxxxxxxxxxx | Cardiff | | Great Britain | 45 \$ |  |
| 8 - 12608 | 546978xxxxxx253 | 4/22 | Marc xxxxxx | STANDARD | CREDIT | CAPITAL ONE (EUROPE) P LC | MASTERCARD | WR74AJ | Apartment 16, whitebox xxxxxxxxxxxxxx | Solihull | | Great Britain | 45 \$ |  |
| 9 - 12609 | 4757147xxxxxx419 | 10/23 | Austin xxxxxx | CLASSIC | DEBIT | SANTANDER UK PLC. | VISA | CV327EF | 47 Kinross xxxxxx | Leamington Spa | | Great Britain | 36 \$ |  |
| 10 - 12610 | 4757148xxxxxx000 | 11/20 | Charly xxxxxxx | CLASSIC | DEBIT | SANTANDER UK PLC. | VISA | NE270Gj | 12 Willox xxxxxx | Newcastle | | Great Britain | 36 \$ |  |

Figure 9: PII. - (Infraud.ru)

Recommendations for Mitigation

It's extremely hard to completely mitigate the risk of fraud. There are activities that you can do to make sure that you are safe but the majority of times that individual's information is used for fraud is because carding sites and criminal organisations like "carding" and Infraud gets PII from organisations who were involved in a data breach. A fair amount of risk can be mitigated just by people using common sense and learning how to stay safe on a computer. Knowing what is suspicious could mean the difference between noticing a fake banking website that can easily be created by any individual with access to the operating system Kali Linux or inputting their details on the fake banking website and having all their money stolen and potentially owe thousands. Infraud are also known for performing ATM skimming attacks which can be extremely effective however there is a few ways to check such as making sure that there is no tape or glue residue anywhere on the ATM, checking for a unusual bulkiness on either the pin or card insertion area or making sure that there is nothing hanging off or any loose parts. (How to Identify an ATM Skimmer, 2020) These are two extremely easy ways that non-technical people can check to make sure that they don't become victims of fraud.

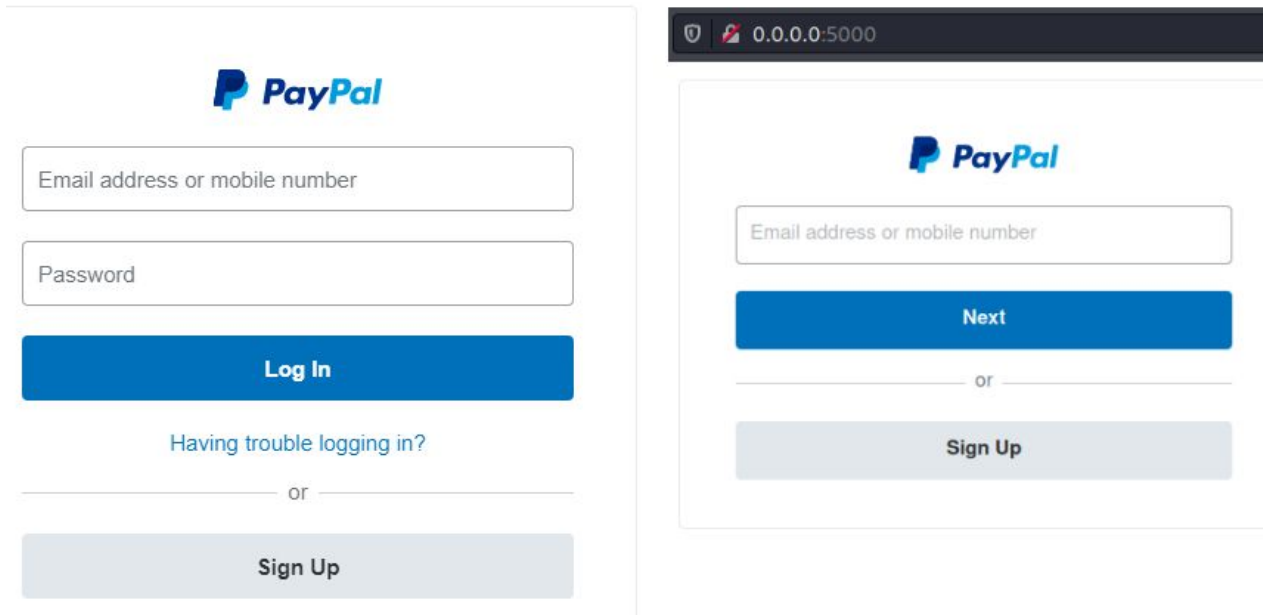


Figure 10: Left: Real PayPal Login, Right: Fake PayPal Login. - (Personal, Kali Linux, SocialFish.)



Figure 11: ATM Skimming Device. - (How to Identify an ATM Skimmer, 2020)

It is extremely hard to provide mitigation options for companies as most companies aren't open to fraud but are one of the main causes that individual people become victims of fraud. Companies need to make sure they reduce the risk of them being breached and their data leaked. Edward Snowden walked out of the National Security Agency with thousands of classified documents. We are unsure how but the movie about his life portrayed a SD card hidden in a rubix cube, this could have been stopped if NSA's computers and other organisation computers only allow authorised devices to connect to the computer. Another mitigation that companies can make is to ensure that their databases are secure. MongoDB had a massive data breach of over 800Gb and over 200 million CVs from China were leaked due to their database having no protection whatsoever. (The 10 Biggest Data Breaches Ever - Hayes Connor, 2020)

References

Justice.gov. 2018. *Thirty-Six Defendants Indicted For Alleged Roles In Transnational Criminal Organization Responsible For More Than \$530 Million In Losses From Cybercrimes*. [online] Available at: <<https://www.justice.gov/opa/pr/thirty-six-defendants-indicted-alleged-roles-transnational-criminal-organization-responsible>> [Accessed 20 October 2020].

Haig, S., 2012. *Crime Syndicate Co-Founder Worth 100,000 BTC Arrested In Thailand*. [online] Bitcoin News. Available at: <<https://news.bitcoin.com/fbi-claims-arrested-cyber-crime-syndicate-co-founder-medvedev-worth-800m-in-btc/>> [Accessed 20 October 2020].

infracrime.com. 2010. [video] Youtube (<https://www.youtube.com/watch?v=6AaY4cHhZzU&t=330s>): infracrime [Accessed 24 2020].

Web.archive.org. n.d. *Wayback Machine*. [online] Available at: <<https://web.archive.org/>> [Accessed 24 November 2020].

2020. *Guide To Understanding The Total Impact Of Fraud*. 1st ed. [ebook] Commonwealth Fraud Prevention Centre, Cabinet Office, p.26. Available at: <https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/866608/2377_The_Impact_of_Fraud_AW__4_.pdf> [Accessed 24 November 2020].

Itgovernance.co.uk. 2003. *GDPR Penalties And Fines | What's The Maximum Fine?*. [online] Available at: <<https://www.itgovernance.co.uk/dpa-and-gdpr-penalties>> [Accessed 24 November 2020].

Krebsonsecurity.com. 2016. *From Stolen Wallet To ID Theft, Wrongful Arrest — Krebs On Security*. [online] Available at: <<https://krebsonsecurity.com/2016/03/from-stolen-wallet-to-id-theft-wrongful-arrest/>> [Accessed 24 November 2020].

NWCU. 2020. *How To Identify An ATM Skimmer*. [online] Available at: <<https://www.nwcu.com/learn/how-spot-atm-skimmer#:~:text=What%20does%20skimming%20mean%3F,is%20compromised%20by%20a%20skimmer.>> [Accessed 24 November 2020].

Hayes Connor. 2020. The 10 Biggest Data Breaches Ever - Hayes Connor. [online] Available at: <<https://www.hayesconnor.co.uk/news-and-resources/news/the-10-biggest-data-breaches-ever/>> [Accessed 19 December 2020].

Aljazeera.com. 2020. Biden Vows To Make Cybersecurity Top Priority Of Administration. [online] Available at: <<https://www.aljazeera.com/news/2020/12/17/biden-vows-to-make-cybersecurity-top-priority-of-administration>> [Accessed 22 December 2020].

Action Fraud. 2020. Fraud And Cyber Crime National Statistics | Action Fraud. [online] Available at: <<https://www.actionfraud.police.uk/data>> [Accessed 22 December 2020].

Infraud.ru. n.d. [online] Available at: <<http://www.infraud.ru/>> [Accessed 22 December 2020].

Appendices

Appendix A: Keywords From 13th November Capture of Infraud.ws

Meta:

alboraaq,abh,hackers,visa, cvv, mastercard, hacked, program, spammer, tools, altenen, atn, money, earn, carding
Bitcoin, BTC, Ethereum, ETH, Ripple, XRP, Bitcoin Cash, BCH, Litecoin, LTC, NEO, NEO, Stellar, XLM,
Cardano, ADA, EOS, EOS, Monero, XMR, Dash, DASH, IOTA, MIOTA, NEM, XEM, TRON, TRX, Tether,
USDT, Ethereum Classic, ETC, VeChain, VEN, Lisk, LSK, Nano, NANO, OmiseGO, OMG, Bitcoin Gold,
BTG, Qtum, QTUM, Zcash, ZEC, ICON, ICX, Binance Coin, BNB, DigixDAO, DGD, Steem, STEEM,
Bytecoin, BCN, Populous, PPT, Waves, WAVES, Verge, XVG, Stratis, STRAT, RChain, RHOC, Maker,
MKR, Status, SNT, Dogecoin, DOGE, Siacoin, SC, BitShares, BTS, Decred, DCR, Aeternity, AE,
Waltonchain, WTC, Augur, REP, Veritaseum, VERI, Komodo, KMD, Bytom, BTM, 0x, ZRX, Ark, ARK,
Zilliqa, ZIL, Electroneum, ETN, Ardor, ARDR, KuCoin Shares, KCS, Cryptonex, CNX, Syscoin, SYS,
Dragonchain, DRGN, Hshare, HSR, Golem, GNT, Gas, GAS, DigiByte, DGB, PIVX, PIVX, MonaCoin,
MONA, Ethos, ETHOS, QASH, QASH, Aion, AION, Factom, FCT, Nebulas, NAS, Loopring, LRC,
FunFair, FUN, Revain, R, Byteball Bytes, GBYTE, aelf, ELF, ZCoin, XZC, Dentacoin, DCN, ReddCoin,
RDD, Particl, PART, GXChain, GXS, SALT, SALT, Kin, KIN, Kyber Network, KNC, ChainLink, LINK,
Emercoin, EMC, Polymath, POLY, Nxt, NXT, Neblio, NEBL, Dent, DENT, Bancor, BNT, SmartCash,
SMART, IOSToken, IOST, Power Ledger, POWR, Nexus, NXS, Storj, STORJ, Iconomi, ICN,
SingularityNET, AGI, Request Network, REQ, SIRIN LABS Token, SRN, TenX, PAY, Enigma, ENG,
Bitcore, BTX, MaidSafeCoin, MAID, Pillar, PLR, Cindicator, CND, Genesis Vision, GVT, Blocknet,
BLOCK, Gnosis, GNO, PayPie, PPP, Vertcoin, VTC, BitcoinDark, BTCD, Quantstamp, QSP,
GameCredits, GAME, MinexCoin, MNX, Theta Token, THETA, iExec RLC, RLC, Achain, ACT, Enjin
Coin, ENJ, Ignis, IGNIS, Civic, CVC, Substratum, SUB, Monaco, MCO, XPA, XPA, Aragon, ANT, WAX,
WAX, Skycoin, SKY, NavCoin, NAV, Decentraland, MANA, Metal, MTL, Credits, CS, SaluS, SLS, Ubiq,
UBQ, ZenCash, ZEN, Nuls, NULS, DigitalNote, XDN, Arcblock, ABT, Pura, PURA, BLOCKv, VEE, Po.et,
POE, SophiaTX, SPHTX, Asch, XAS, Fusion, FSN, Storm, STORM, AdEx, ADX, SpaceChain, SPC, Time
New Bank, TNB, ETHlend, LEND, Envion, EVN, Oyster, PRL, CRYPTO20, C20, Edgeless, EDG,
Telcoin, TEL, ION, ION, MediBloc, MED, POA Network, POA, Peercoin, PPC, MediShares, MDS,
Bluzelle, BLZ, Simple Token, OST, DEW, DEW, Bibox Token, BIX, Ambrosus, AMB, BitBay, BAY,

BridgeCoin, BCO, Melon, MLN, Red Pulse, RPX, Quantum Resis, QRL, Wings, WINGS, VIBE, VIBE,
 SONM, SNM, SpankChain, SPANK, Burst, BURST, Eidoo, EDO, Ripio Credit, RCN, Streamr DATAcoin,
 DATA, Feathercoin, FTC, Wagerr, WGR, MobileGo, MGO, IoT Chain, ITC, CloakCoin, CLOAK,
 SingularDTV, SNGLS, Jibrel Network, JNT, OriginTrail, TRAC, Universa, UTP, Bread, BRD,
 HTMLCOIN, HTMLUTRUST, UTK, DeepBrain, Chain, ATMChain, ATM, Viacoin, VIA, Ink, INK, INS
 Ecosystem, INS, LBRY Credits, LBC, Einsteinium, EMC2, Metaverse ETP, ETP, WaBi, WABI, WePower,
 WPR, SmartMesh, SMT, Delphy, DPY, binance, iota price, bitcoin segwit2x, iota, bitconnect, xrp price,
 ripple price, ripple, bitcoin cash price, bitcoin cash news, bitcoin fork, zb.com, okex, binance, huobi,
 bitfinex, bittrex, bithumb, hitbtc, kraken, bitflyer, bitstamp, poloniex, wex, c-cex, exmo, coinone, yobit,
 gate, livecoin, korbit, cex, coinmama, allcoin, localbitcoins, etherdelta, luno, anxpro, mercatox,
 therocktrading, okcoin, gatecoin, bleutrade, btcc, bitkonan, XTRABYTES, XBY, DATA, DTA, Decision,
 Token, Counterparty, Modum, MOD, Cobinhood, COB, Synereo, AMP, Aeon, AEON, CPChain, CPC,
 Mobius, MOBI, Cofound.it, CFI, district0x, DNT, KickCoin, KICK, Groestlcoin, GRS, Lunyr, LUN, Bottos,
 BTO, ZClassic, ZCL, indaHash, IDH, Swarm, SWM, AirSwap, AST, Crypterium, CRPT, adToken, ADT,
 Unikoin Gold, UKG, bitCNY, BITCNY, DECENT, DCT, Presearch, PRE, U.CASH, UCASH, Tierion, TNT,
 Centra, CTR, Hive Project, HVN, TokenCard, TKN, Datum, DAT, Humaniq, HMQ, Viberate, VIB,
 Medicalchain, MTN, Blox, CDT, Crown, CRW, Unobtanium, UNO, SIBCoin, SIB, Mooncoin, MOON,
 Zeepin, ZPT, Pepe Cash, PEPECASH, Shift, SHIFT, Namecoin, NMC, Flash, FLASH, QLINK, QLC,
 Triggers, TRIG, PotCoin, POT, Blockport, BPT, ECC, ECC, Everex, EVX, Numeraire, NMR, Ormeus
 Coin, ORME, WhiteCoin, XWC, Lykke, LKK, Steem Dollars, SBD, Bean Cash, BITB, Nimiq, NET,
 LEOcoin, LEO, Soarcoin, SOAR, Mercury, MER, Dimecoin, DIME, ColossusCoinXT, COLX, Diamond,
 DMD, Zap, ZAP, VeriCoin, VRC, Voxels, VOX, I/O Coin, IOC, Bloom, BLT, DeepOnion, ONION, COSS,
 COSS, BlackCoin, BLK, DADI, DADI, Cappasity, CAPP, Monetha, MTH, SunContract, SNC, STK, STK,
 Grid+, GRID, Mothership, MSP, Mintcoin, MINT, SwissBorg, CHSB, Zeusshield, ZSC, Odyssey, OCN,
 FairCoin, FAIR, Dai, DAI, WeTrust, TRST, LinkEye, LET, Uquid Coin, UQC, Aeron, ARN, Matchpool,
 GUP, Cvv Shop, Buy Cvv, cvv shop online, Buy Cvv Online, Valid Cvv, Shop Cvv, Fresh Cvv, Cvv Store, cvv
 shops, auto cvv shop, Buy Cvv Shop, Cheap CVV, Fresh CVV, Good CVV, Carding Forums, Carder
 Forums, Fresh Paypal, Best cvv, shop cvv, cvv online, cvv shop, sell cvv, buy cvv, buy cvv online, Cvv
 Shop, Buy Cvv, cvv shop online, Buy Cvv Online, Valid Cvv, Shop Cvv, Fresh Cvv, Cvv Store, cvv shops, auto
 cvv shop, Buy Cvv Shop, Online dumps shop, Buy CC :: Buy Dumps :: Sell CC :: Sell Dumps T1-T2 ::
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 buy cvv at cvv shop online make money easily. A Cvv Store have valid cvv, buy cvv2, sell dumps, buy
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 cards, cheap cvv, buy cvv, sell cvv, fresh cvv, good CC :: CVV :: Dumps :: PayPal :: SSN :: DOB :: Full CC
 INFO :: Bank Logins :: Tracks :: Carder Tools :: Cvv Shop Site :: CarderShop. Shop Sell Dumps/ Track
 1&2 /Seller Cvv/ Buy Cc/ Selling Dumps With Pin Dump/ Dumps ... sell fullz dumps with pin High balance

and Valid dumps shop, sell dumps,shop good ,selling dumps with pin,seller dumps online,shop dumps, sale dumps , dumps with pin, track 1&2 , dumps , track 1 2 sell CC Dumps Paypal Fullz Banks Verified Shops CC Dumps Paypal Fullz Banks Verified Shops Advertisement.Dumps With Pin dumps cc for sale dumps cc forum dumps cc shop dumps cvv dumps cc sites dumps cc fullz cc dumps buy big dumps cc cc/dumps balance buy cvv2, cvv2 shop, track2 shop, dumps shop, sell paypal, buy paypal, fresh cvv2, sell, buy dumps, buy track2, buy cvv,sell dumps, sell track2, buy track2, buy buy cvv2, cvv2 shop, track2 shop, dumps shop, sell paypal, buy paypal, fresh cvv2, sell, buy dumps, buy track2, buy cvv,sell dumps, sell track2, buy track2,Vault Store. Buy CC :: Buy Dumps :: Sell CC :: Sell Dumps T1-T2 :: CVV :: Dumps :: PayPal :: SSN :: DOB :: Full CC INFO :: Bank Logins Online dumps shop, where you can buy fresh and cheap dumps online with both track 1 and track 2. Only fresh, 90-99% valid bases my shop verified dumps seller, dumps forum, fresh dumps, skimmed dumps,dumps shop, credit cards cvv, credit cards cvv2, dumps, dumps with pin, cvv2, buy dumps, buy credit cards Online Cc Dumps Shop Dumps Cc Shop Swiped Su Approved su Dumps su Best Dumps Shop Buy Dumps Dumps Su Cheap Dumps Cc : Paypal : Banks : Bulk Sell Dumps track 1&2 with out pin. Sell dumps, buy dumps, dumps shop, fresh dumps, dumps sale dumps, track 1&2,cvv .cc,fullz,dumps,bank login,paypal,wu trf,paypalbin im selling cc,fullz,dumps,bank login,paypal,wu trf,paypalbin russia, altenen.com, I'm Seller for: CC, CVV US,UK,CA, EURO,AU, Italian,Japan,France,...all cc. Paypal verify, Software Spam mail + mail list,cvv for sale , track 2 dumps, selling dumps cvv fullz, track 1 track 2 dumps, buy cc dumps, selling dumps with pin, dump cvv, track 1&2 dumps Carding forum. Credit cards, carder, dumps, hacking, cvv, cc, stuff carding, enroll, vendor, free cvv, skimmer, skimming. ??????? ??????, ??????, ??????,carding forums, Blackstuff.net Review , WU transfer, Hacked cc, dumps, pin, legit carders, hacked paypal, free bank login, porn xxx, hacked email, Perfectmoney, carding, card fraud, carding forum, carders forum, carders board, credit card fraud, fraud, atm fraud, atm skimmer, dumps shop, credit cards cvv, credit cards cvv2 carding forum, carding, carders, western union transfer, illegal credit cards, credit card, cc, tracks, dumps, pin, dell alienware, hacking, botnet, security, paypal, CarderBase , CVV2 , dumps , track2 , carders forum, carding forum, carderbase.su, cardingmafia.ws,crdpro.su, drk.bz, crdclub.ws,carder.me