

**KASPERSKY** Lab



SAVING  
THE WORLD  
FOR 20 YEARS

# PUSHING THE FIGHT AGAINST FRAUD TO THE NEXT LEVEL

**Tim Ayling**

Global Head of Fraud Prevention, Kaspersky Lab

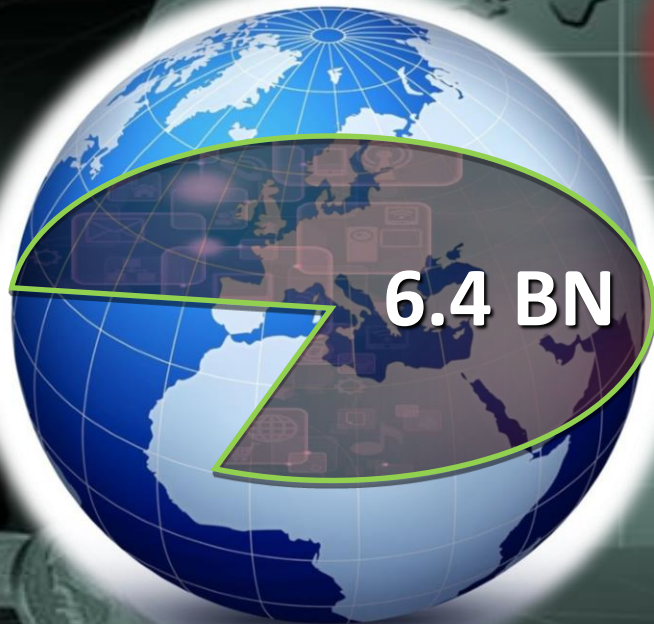


**Kaspersky<sup>®</sup>**  
**Fraud Prevention**



# Our Digital Lives

2018: 7.4 Bn People



2016: 6.4 Bn Connected Things \*\*\*

2020: 95% new products will contain IoT\*\*\*\*

2020: Bn Connected Things\*\*\* 7.7Bn People

85% of customer interactions will be handled without a human

70% People routinely work remotely \*



\*Source: <https://www.cnbc.com/2018/05/30/70-percent-of-people-globally-work-remotely-least-once-a-week-iwg-study.html>

\*\* Source: International Labour Organisation, World Bank

\*\*\* <http://www.gartner.com/newsroom/id/3165317>

\*\*\*\*: Gartner, Top Strategic Predictions for 2018 and Beyond

\*\*\*\*\*: <http://uk.businessinsider.com/there-will-be-34-billion-iot-devices-installed-on-earth-by-2020-2016-5>

# The Drivers for Consumer Behaviour



*Hyper-connected consumers are spoilt for choice and consequently demand more...*

**SOCIAL MEDIA**

**IoT: WEARABLES, CONNECTED HOME, CONNECTED CAR, ETC...**

**INSTANT FULFILMENT**

**ULTRA-PERSONALISED DIGITAL EXPERIENCES**

**UBIQUITY**

# Artificial Intelligence

## Amazon Has Plans for as Many as 3,000 Stores -- Without Cashiers

The tagline for the Amazon Go store is "No lines. No checkout. (No, seriously.)" -- and one might be coming near you.

Danny Vena (TMFLifelsGood)  
Sep 22, 2018 at 11:16AM

2018 holiday  
powered re  
35 percent

Banking  
Artificial in  
industry is  
By Michael



By [Vala Afshar](#) | September 17, 2018 -- 14:00 GMT (15:00 BST) | Topic: [Digital Transformation](#)

Across financial services artificial intelligence (AI) is no longer the stuff of the future. It has been embraced by banks supported by third party fintechs, providers, and technology departments within banks keen to use their own resources to drive their use of the robotic process automation (RPA) and machine learning (ML).

# Social Media

## The new Facebook

chatbot that'll  
revar  
finan  
Instagram quietly added  
feature

*Will influencers jump on this?*

By [Shannon Liao](#) | [@Shannon\\_Liao](#) | May 3, 2018, 5:59pm EDT



**Lucy Dean**

**Yahoo7 Finance** 19 September 2018

## Seen and Heard: Facebook secures payments services licence

AIB customers overcharged on trackers to get better compensation than PTSB clients

© Sun, Nov 20, 2016, 16:59



Firm can now act as payments provider and electronic money issuer, as well as provide credit transfers and remittance services across EU. Photograph: Cyril Byrne

# Are we in Charge of Our Data?

*Hyper-connected consumers are spoilt for choice and consequently demand more...*

**DATA IS THE NEW MONEY**

**MORE AND MORE DATA, EVERYWHERE**

**MORE CONNECTIVITY**

**MORE AND MORE TECHNOLOGIES**

**MORE COMPUTING POWER**

**MORE COMPLEX ANALYTICS, MORE INSIGHTS**

**EXTENDED SUPPLY CHAIN**

**MORE WAYS TO COMMERCIALISE & MONETISE**

**IT ALSO INTRODUCES MORE RISK...**

# Serious Implications

Dramatic Increase of

## Scammers steal half-a-billion pounds from UK banking customers

WHO MOVED By Lawrence Abrams

🕒 24 September 2018

🔗 Share

## Had log ret Face data The sca

By John Detrixh





# You Can't Stop Progress...

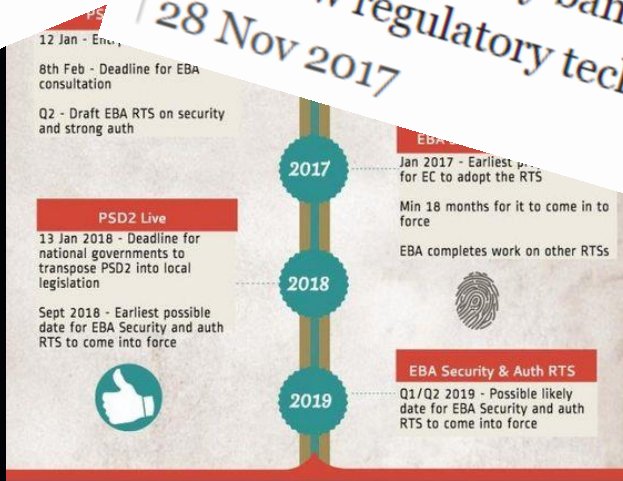
Consumers Want More, Businesses Must Adapt to Regulatory Challenge

## Open Banking: U.S. Regulators Pressed On Data Security Responsibilities

10TH SEP 2018 | WRITTEN BY: ADAM PERROTTA IN LOS ANGELES

Although U.S. federal authorities have received industry praise for espousing a hands-off approach to open banking, signs are emerging that consumers may prefer lawmakers and regulators to play a stronger role, especially in ensuring their data is protected.

In a wide-ranging report on fintech released in July, the U.S. Treasury touted the benefits of data aggregation and sharing for personal financial services, via methods such as screen scraping and APIs (application programming interfaces).



## 'Screen scraping' ban confirmed

Technology (fintech) will be banned from using software to access data held by banks to provide services to their customers under new regulatory technical standards (RTS) in Europe.

But we are up against it...





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# The Current State of e-Fraud



**Kaspersky**<sup>®</sup>  
**Fraud Prevention**

# Current state of fraud



New phishing attack identified every 30 seconds; global losses \$10.8 billion.\*



Fraudulent transactions via mobile apps rose by 600 percent since 2015.\*



New account fraud 15x more likely on new accounts vs. accounts more than 30 days old\*



More than half of the most disruptive crimes in the UK resulted in losses over \$100,000.\*



Money laundering transactions are estimated at 2 to 5% of global GDP. That's roughly \$1-2 trillion USD annually.\*\*

\*RSA Q1 2018 Fraud Report

\*\*PwC Global Economic Crime Fraud Survey 2018

# The findings\*



- 49% of global organizations have been a victim of fraud in the past 24 months
- 52% of all reported frauds over the past 24 months were cases of internal fraud
- Huge increase in compromise of loyalty program accounts
- Cross-banking money laundering groups grown significantly

# Kaspersky Fraud Report 2018 Examples



Kaspersky identified more than **25,000** compromised accounts in a single fraudulent scheme. This rose by **5,000** per month.

Kaspersky identified **294** accounts involved in money laundering activities across four different banks

A group of over **3,000** synthetic accounts were discovered (and blocked) in a single retail loyalty program.

SUGGESTED GROUPS See All

aytm  
apdeal.com  
freecharge  
amazon  
Tricks By STG

Carders: hacking? + Join

Carderz: + Join

SUGGESTED GROUPS See All


Hackers are real, Monsters are real too. They live inside us, and sometimes, They Win.

cArDeRS hAcKeRS + Join

Indian Carder .. + Join

Phone or email  
Password  
Log in  
Sign up  
Forgot your password?

Open community  
Писните все на e-mail - @yandex.ru  
Description: Работа для всех желающих  
4 posts show posts by community  
Продан бунату (гривна: 100, 200, 500.!!) 100\$ 1996г.  
По всем вопросам в Л/с.



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database update! ! ! ! ! ! ! ! ! ! ! !  
8000 KOREA DUMPS NEW ARRIVE! ! !  
90% approval rate, all are 101 code and track2 only

8000 韩国卡料新更新!  
90%成功率, 2轨  
卡的级别有  
Classic  
Gold and platinum  
Bussines and Corporates

收卡, 中电话, 给换! ! !  
I replace HOLD CALL and Pick up card

初级粉丝

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Phone:  
Email: @gmail.com 17:21

Topup site pr use kro 17:27

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I thank you, your order has

Newbie Posted Yesterday, 12:49 AM

I need facebook accounts from CA,USA,LITHUANIA.  
minimum 15 friends .  
I will pay 15 LR for each account!  
PM if u have!

Vouched Member  
4 posts

CSU:  
... credit cards cvv2,  
dumps, dumps with pin, cvv2, buy dumps,  
buy credit cards, dumps with pin  
12:41 PM - 23 Sep 2015





### Private Carding Lessons

I m glad to present the [REDACTED] Academy of Carding , where all new carders can learn the best way to made money on carding world .

- \* Online Carding ( how card item , tickets ....etc )
- \* Instore Carding ( how card safe , bins , technic ....etc )
- \* Botnet Lessons ( what is botnet trojan , how that work ....etc )

ALL lessons are given throught ICQ & JABBER with encryption logs !!

-----  
Price : 100\$/1H 150\$/1.30H  
-----

- Carding with Ebay & paypal
- Carding with CC & fullz online
- Instore carding ( how be safe )
- How Cashout Bank transfer
- How Open Offshore account easy
- How card on Famous Shop ( LV,prada ..etc )
- What are botnet ? zeus , spyeye ..etc
- Hacking Method
- Scam method

Contact : ICQ [REDACTED]

Bin	Card
4	VISA VISA
5	MASTE
4	VISA
5	VISA
4	VISA
4	VISA
4	VISA
4	VISA

Phone	VBV	Base	Price
Yes		Ravenna	8\$
		Ravenna	12\$
		Ravenna	8\$
			12\$
			8\$
			10\$
		Ravenna	10\$
Yes		Ravenna	10\$

CREDIT CARDS UPDA

bank (BIN) can

or refu

# Fraud increasing in volume and variety of actors

- From organized crime with internal specializations
- To self-made bad guys that can easily buy tools, use social engineering, and learn fraud scenarios on the internet



**Fraudster: Nicholas Webber is pictured posing beside a laptop, with a large quantity of cash. He today admitted masterminding the sale of 65,000 bank details**

# Beyond finance



Financial services



Governments



Healthcare



Telecommunications



Gambling



Gaming



Loyalty schemes



E-commerce/Retail

# Think like a Cyber-Criminal

Services offering

Cybercriminal opportunity

Next-day shipping

My shipping mule will have it before your fraud team knows its gone

Real time faster payments

I'll cash out before your customer calls about a weird transaction

\$10 for new accounts promotion

One sounds good - 6,000 sounds great

"Forgot my password" link

If only there was a way to validate accounts...

Account locks after 5 failed logins

Good luck making money when I lock all of your user accounts

View your statement online

Thanks for the identity theft one - stop-shop!



Kaspersky®  
Fraud Prevention

## Questions?

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