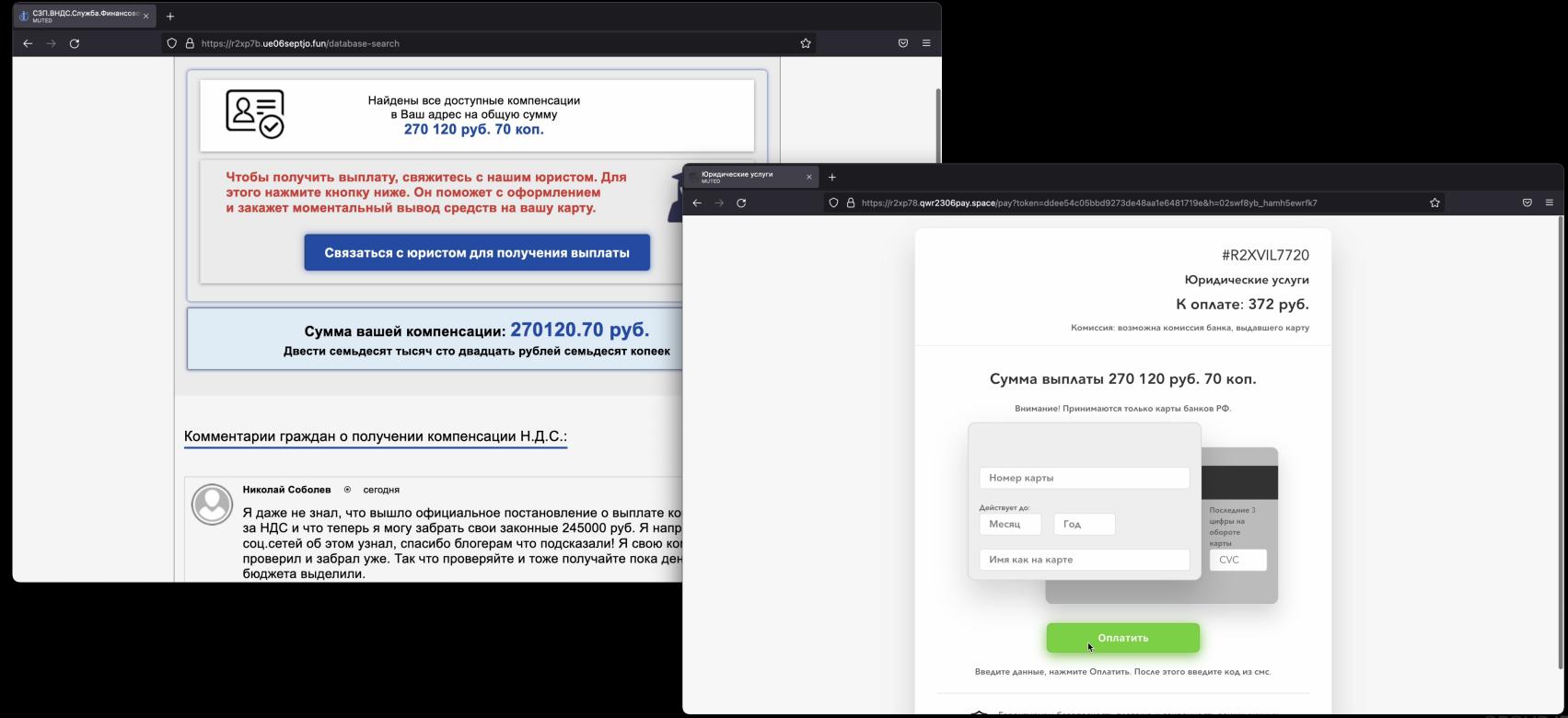


## PHISHING ATTACKS

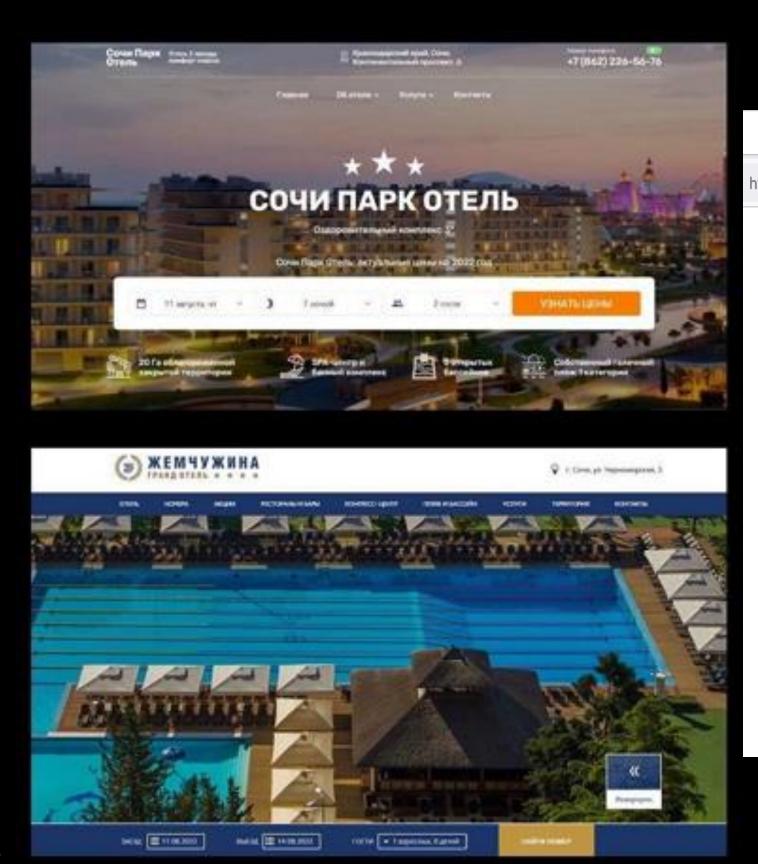


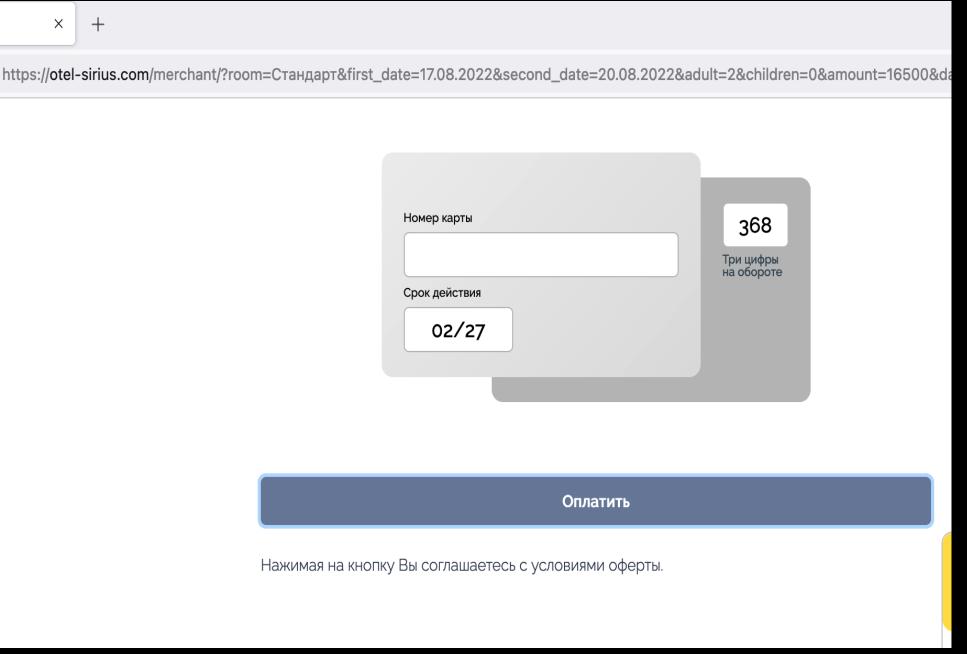


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## PHISHING ATTACKS







#### AFFILIATE PROGRAM. SCAM-AS-SERVICE





Admins are responsible for recruiting workers, creating phishing pages, technical support, and communication.

Workers communicate with victims and send them phishing pages. Top workers get access to VIP scripts and target victims from Europe and the US.

If the bot does not support automatic payment through phishing (fake merchant), then **Vbiver** makes the payment manually on the P2P page of the bank.

**PROFIT** 

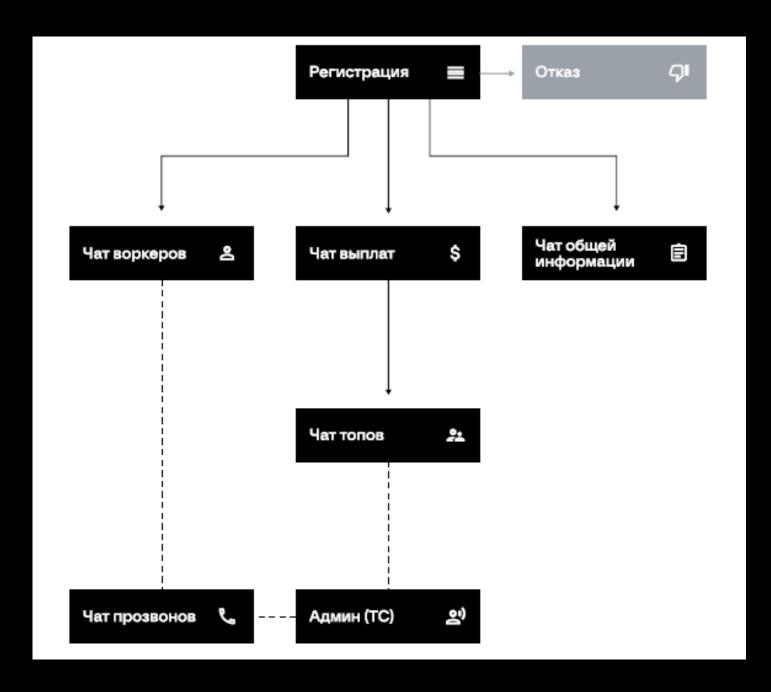
**20-30%** of revenue

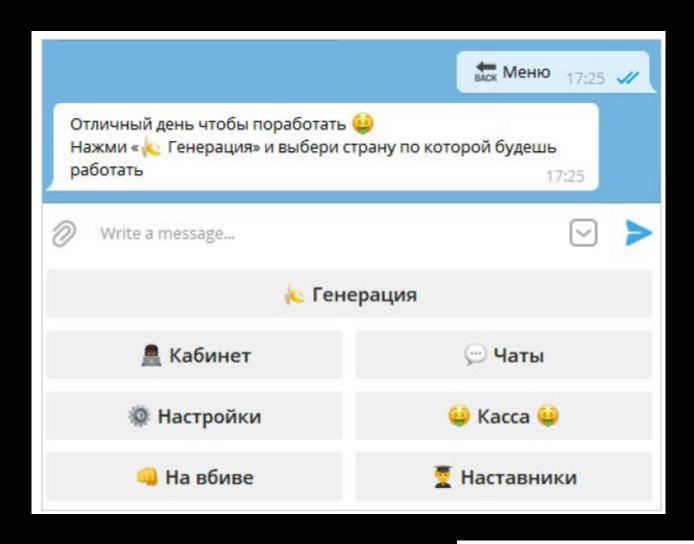
**70-80%** of revenue

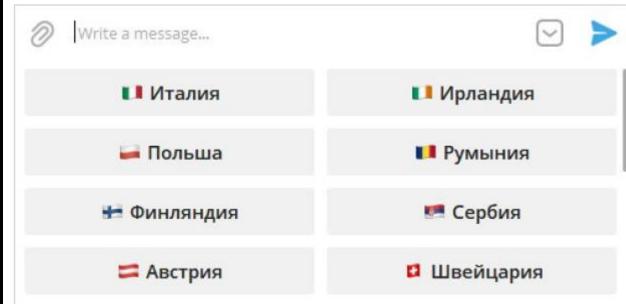
**5-10%** of revenue

#### TELEGRAM INFRASTRUCTURE









#### STATISTICS



In 2021, the average losses on fraudulent pages amounted to **3,156,230,920** rubles.

The figure on the right shows the statistics of payment attempts from fraudulent and illegal sites for the spring of 2022.

In early February, the number of illegal transactions was about 300K per day. The drop to 100K occurred in the first week of March, and then we recorded an increase to 400K per day.

Approximately a **third** of all these sessions are scams using fake payment pages.



The service abuses 169 brands, including postal services, marketplaces, and retailers on more than 64 counties.









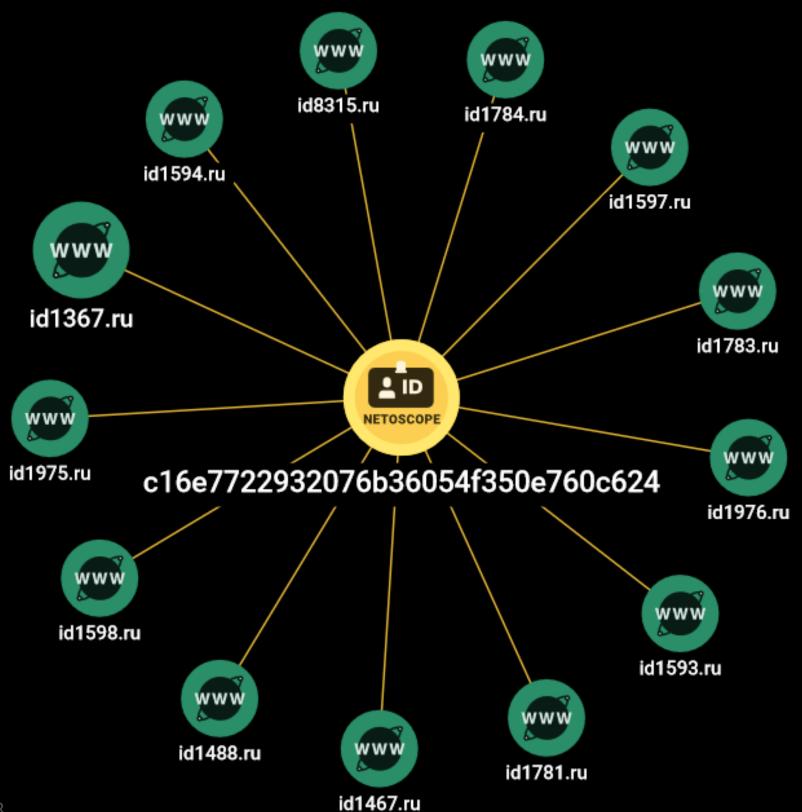






## PHISHING INFRASTRUCTURE. GRAPH

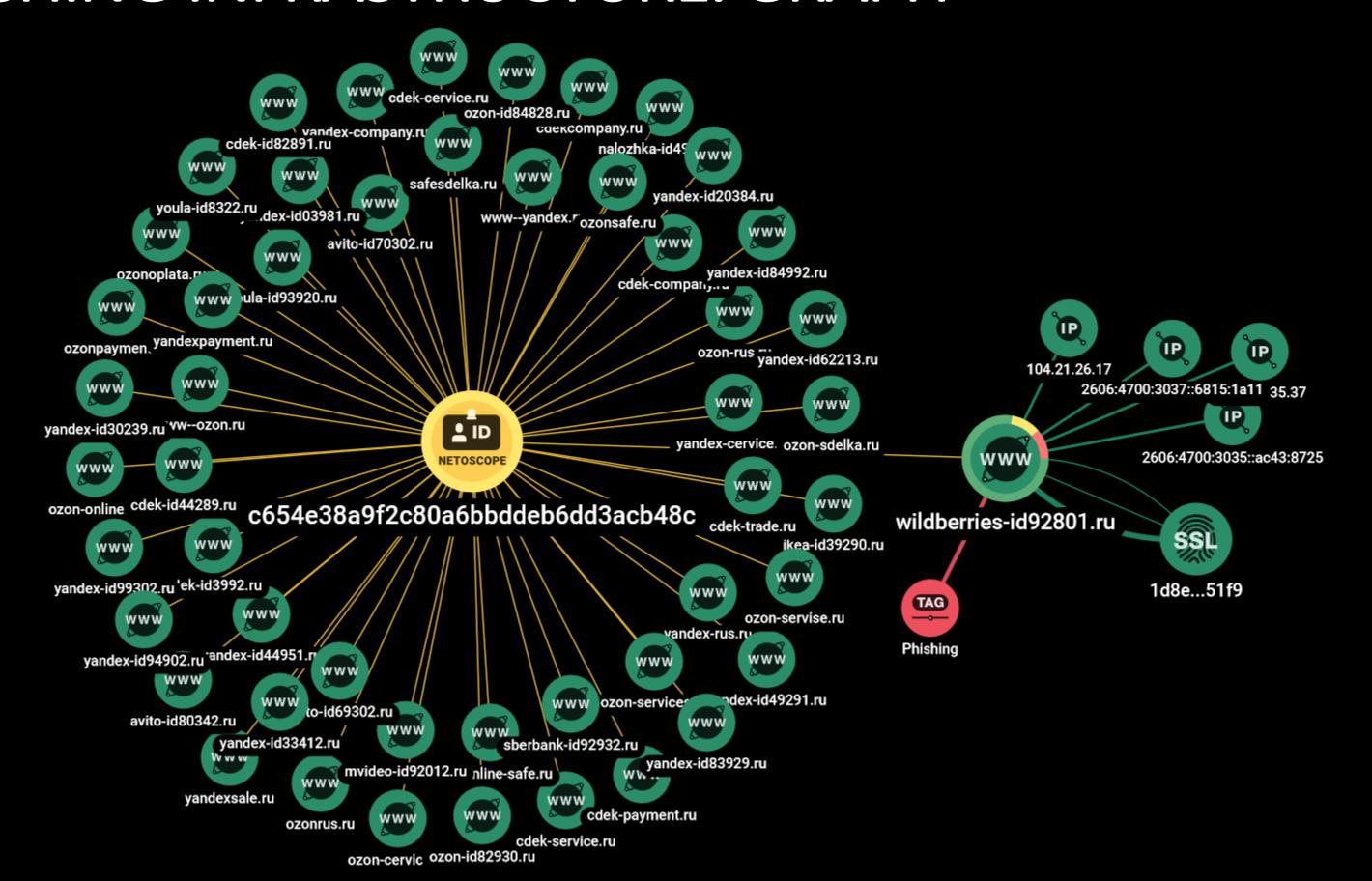






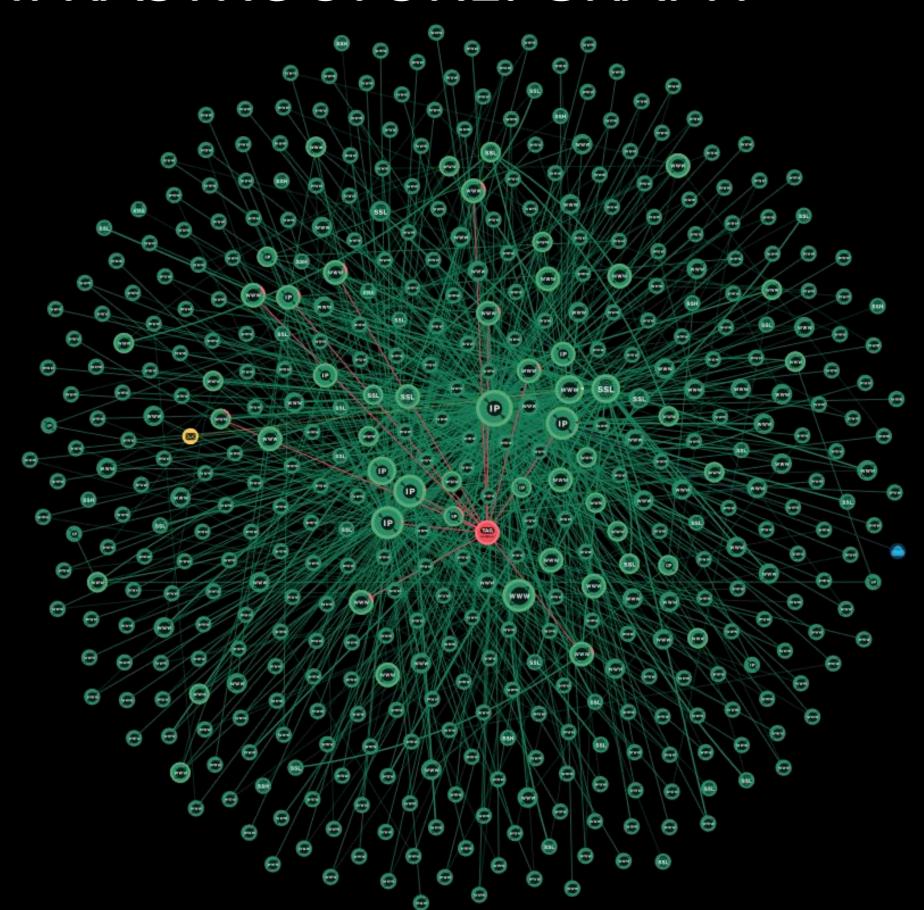
#### PHISHING INFRASTRUCTURE. GRAPH

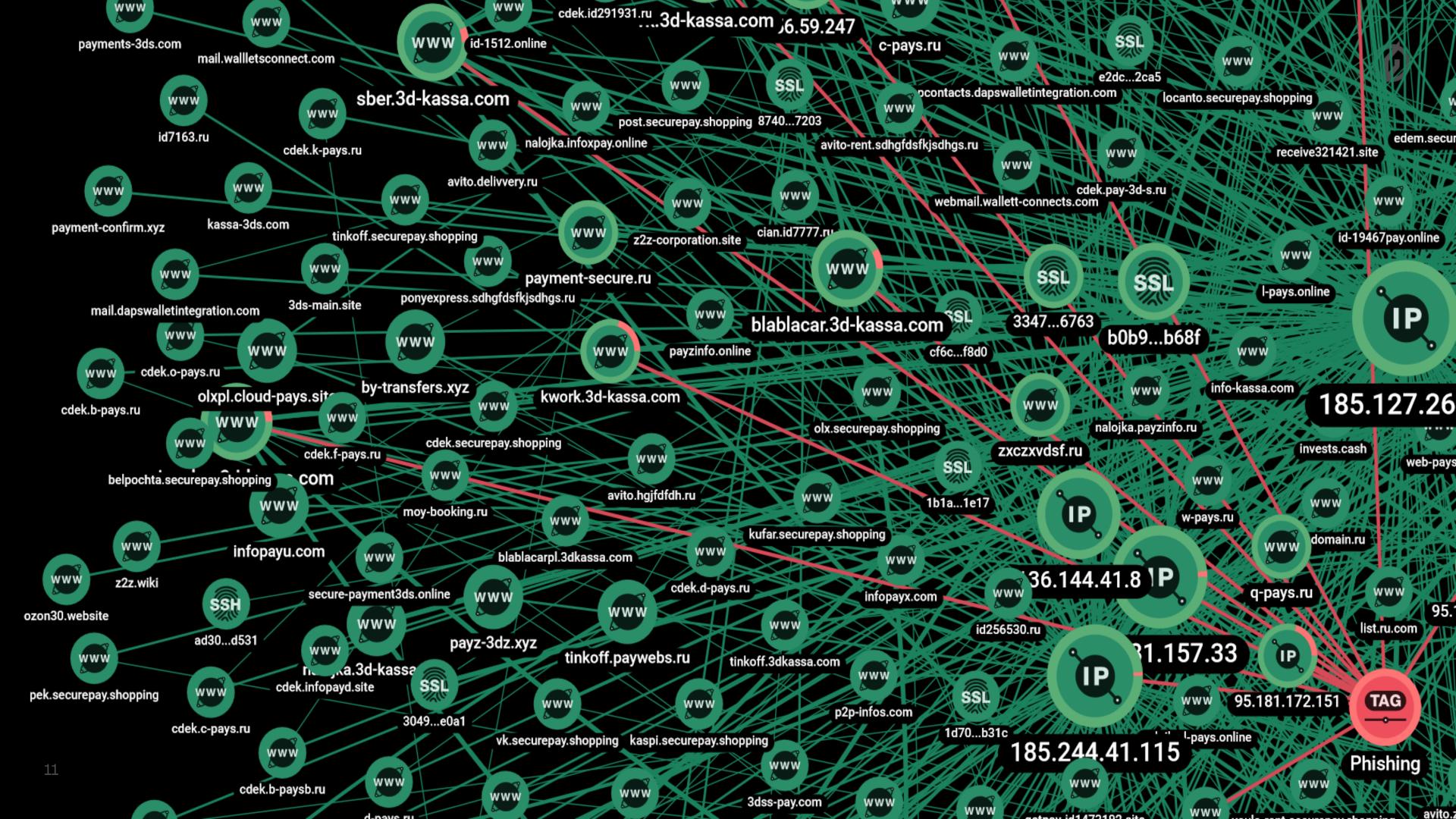




# PHISHING INFRASTRUCTURE. GRAPH

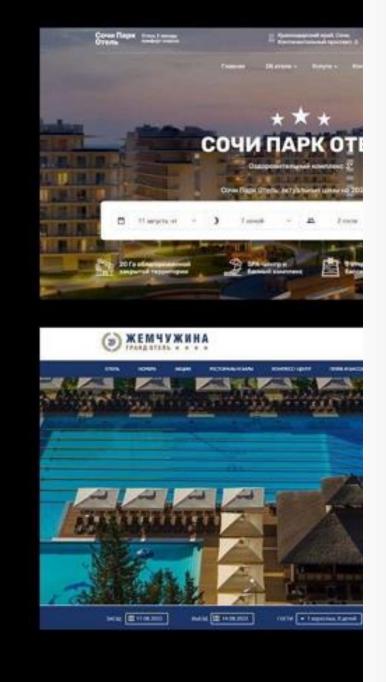


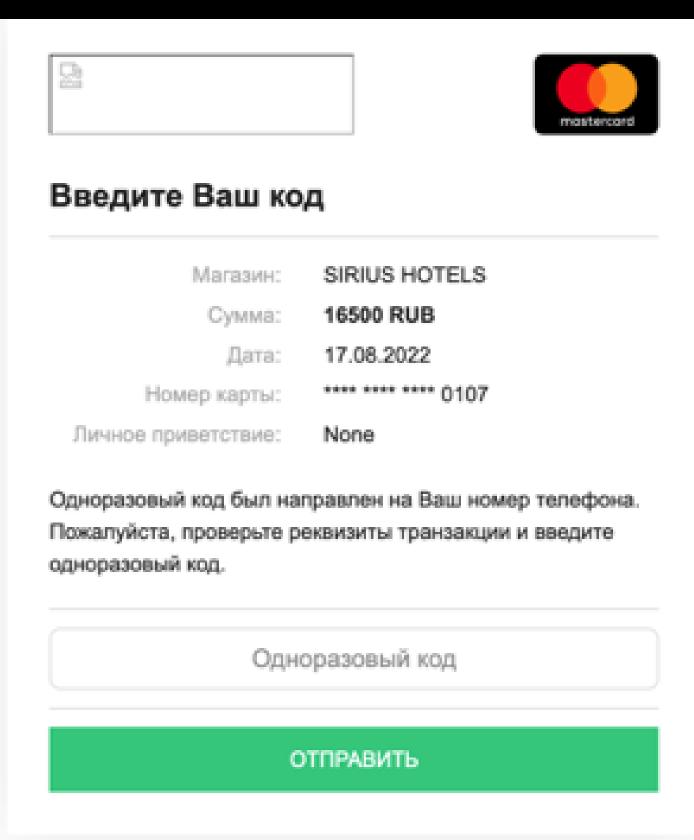


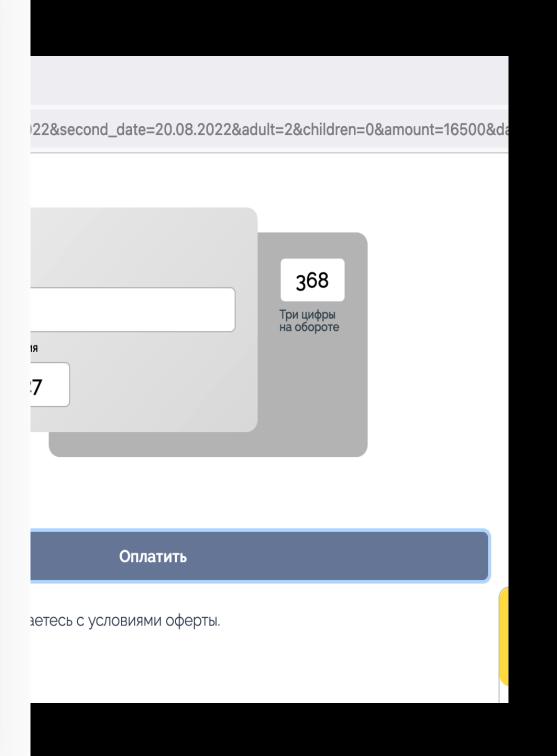


## PHISHING ATTACKS WITH 3DS





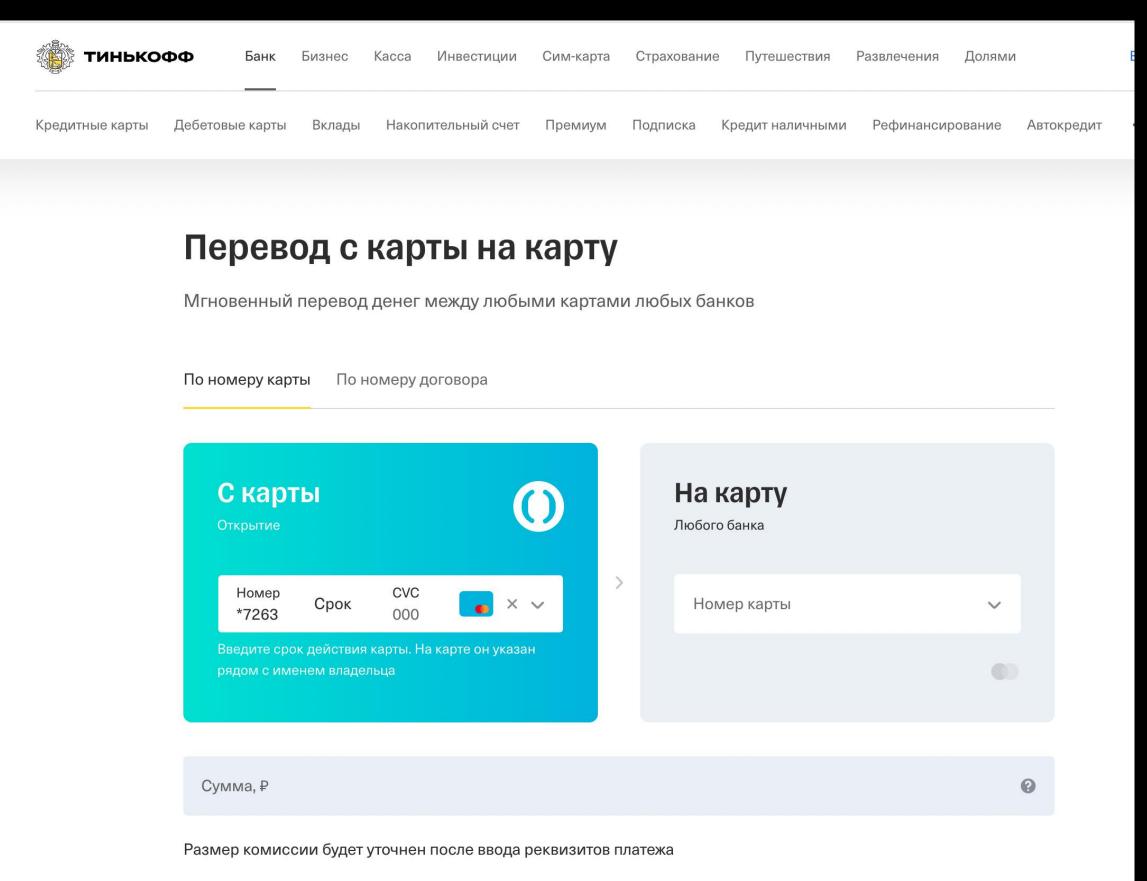




## **Ø**

## P2P (C2C)

Card-to-card transfers (aka p2p, card2card, c2c) is a way to transfer money online using bank card details. To make a c2c money transfer, you need to have a bank card and know the recipient's card number.



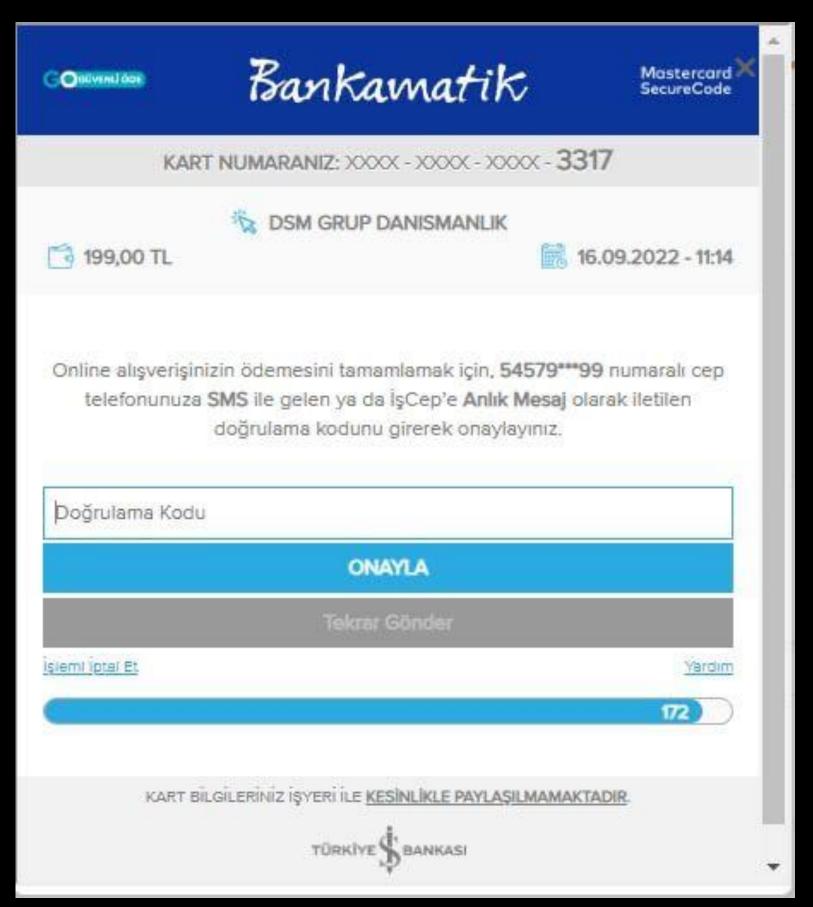
#### 3-D SECURE

3D-Secure (Three-Domain Secure) is a protocol used as an additional level of protection for user authorization in CNP operations (without the presence of a card).

Three domains are involved in the operation:

- 1) Issuer: the bank that issued the card to the client and is responsible for withdrawing funds and transferring them to the acquirer
- 2) Acquirer: a bank that provides services to the online store and accepts payment from the issuer
- 3) Domain of the payment system that provides the technical side of the transaction

How it works: you enter the card number to pay for the goods. At this moment, a certain amount is deducted from the account and frozen for a while on the payment system domain, waiting for confirmation via SMS. If the verification code has not been entered, the money is returned to the card holder's account after some time, without reaching the store address.

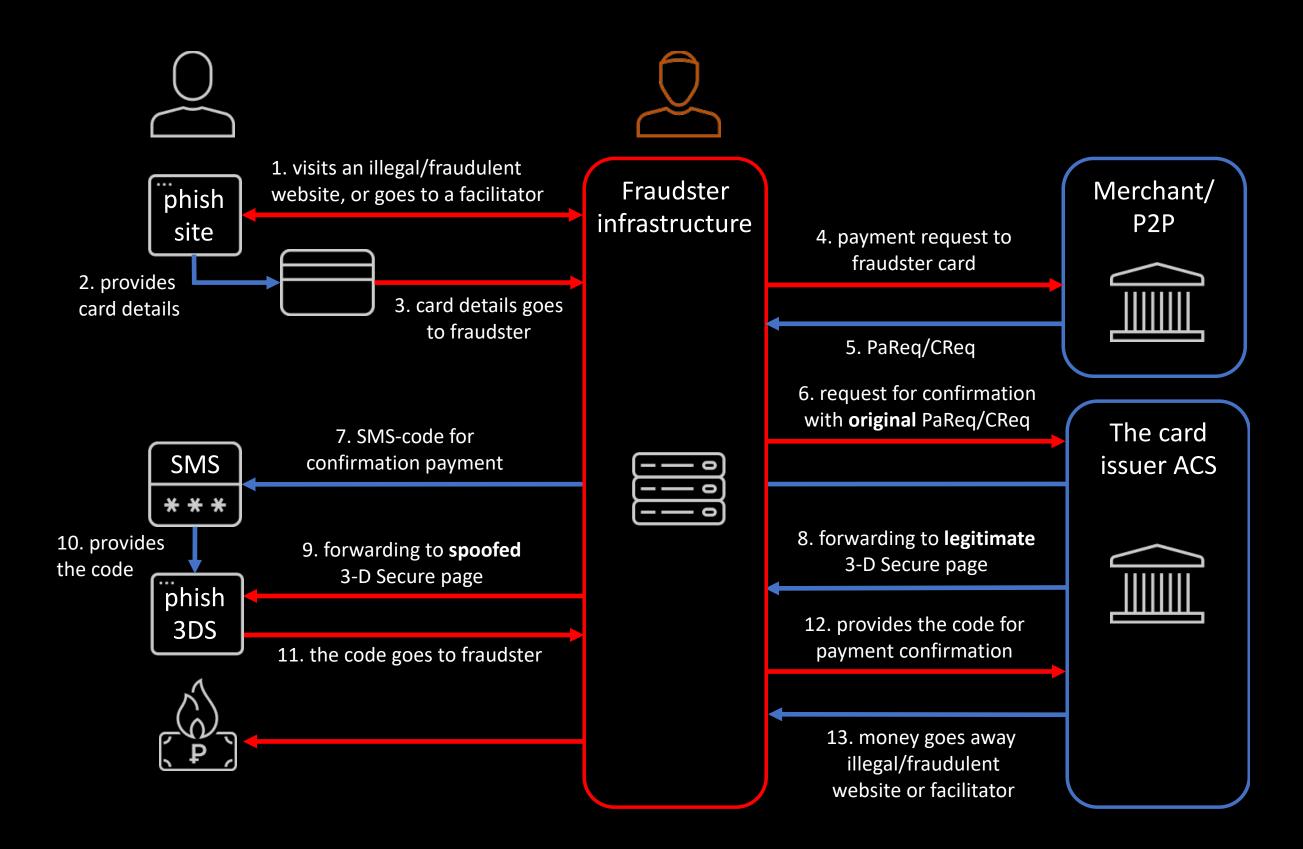


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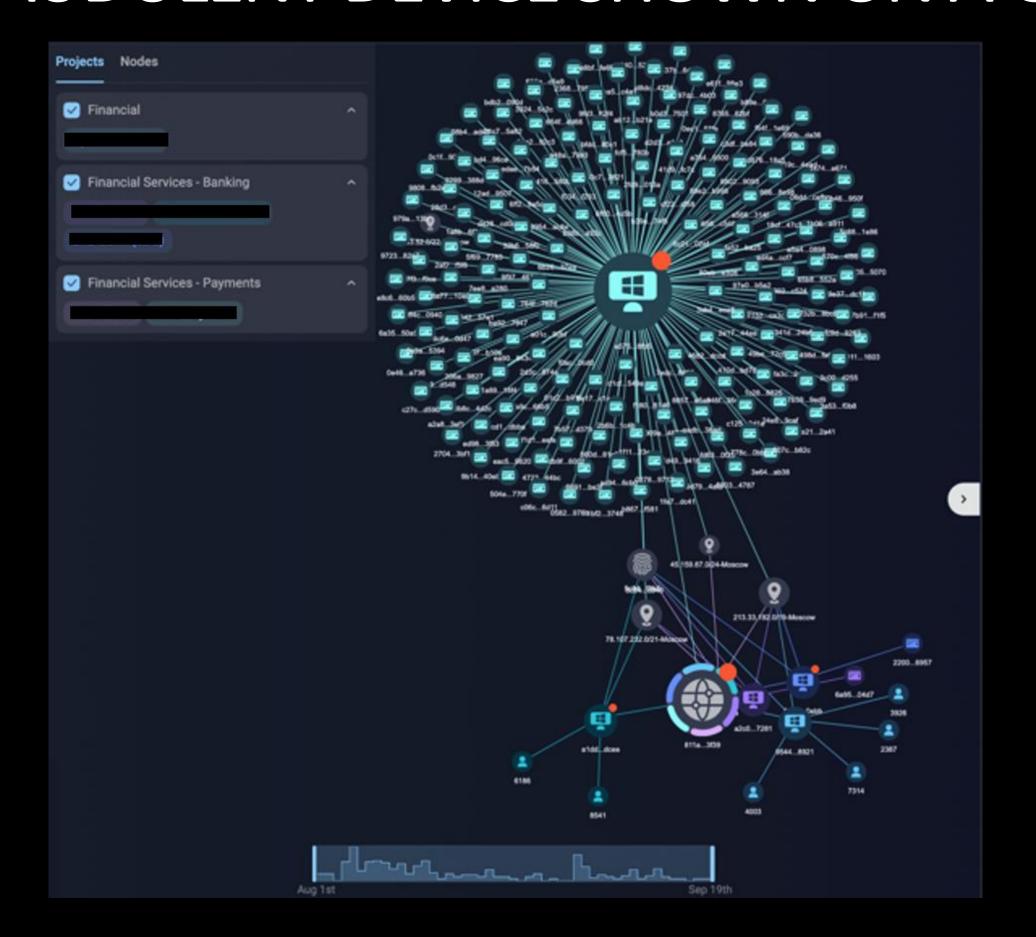
# ABUSE P2P (C2C) & BYPASS 3-D SECURE







## A FRAUDULENT DEVICE SHOWN ON A GRAPH

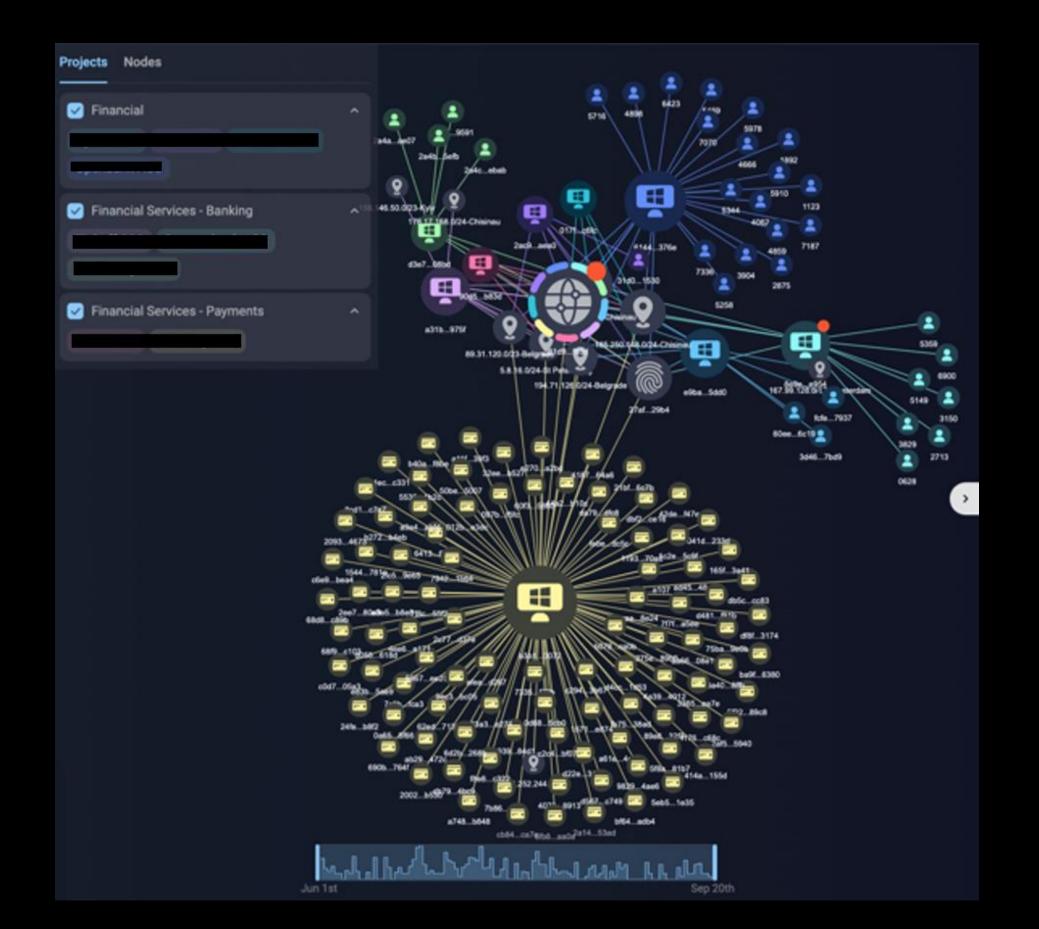


For a long time, fraudsters use a single subnet and a single device to communicate with various banks (one digital fingerprint).





## A FRAUDULENT DEVICE SHOWN ON A GRAPH



For a long time, fraudsters use a single subnet and a single device to communicate with various banks (one digital fingerprint).

#### **OUR MISSION**

# FIGHT AGAINST CYBERCRIME

## FOR COMMON WELLBEING:

Our innovative technologies and in-depth investigations fight against cybercriminals to help this world become a safer place.

## FOR GROUP-IB'S CLIENTS:

We research, prevent potential attacks and react to real ones, investigate cases and solve issues to create the enabling environment for our customers and help their business boost.

## FOR GROUP-IB'S EMPLOYEES:

For us every team member is a hero. At any level or department, our employees are encouraged to innovate and solve real life problems, expected to be vigilant and provide all possible assistance to succeed in fighting against cybercrime.