

PAYMENT SECURITY SERVICES IN CONTEXT:

# STACKING YOUR DEFENSIVE LINE



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## WHAT.

Ways in which networks and participants can join forces to protect digital payments and combat fraud.



## WHEN.

Thursday, September 9, 2021  
11:00 AM - 12:00 PM EDT



## WHERE.

Live Online Presentation  
Replays at [StrategicTreasurer.com](https://StrategicTreasurer.com)



This presentation is provided by Strategic Treasurer & TIS

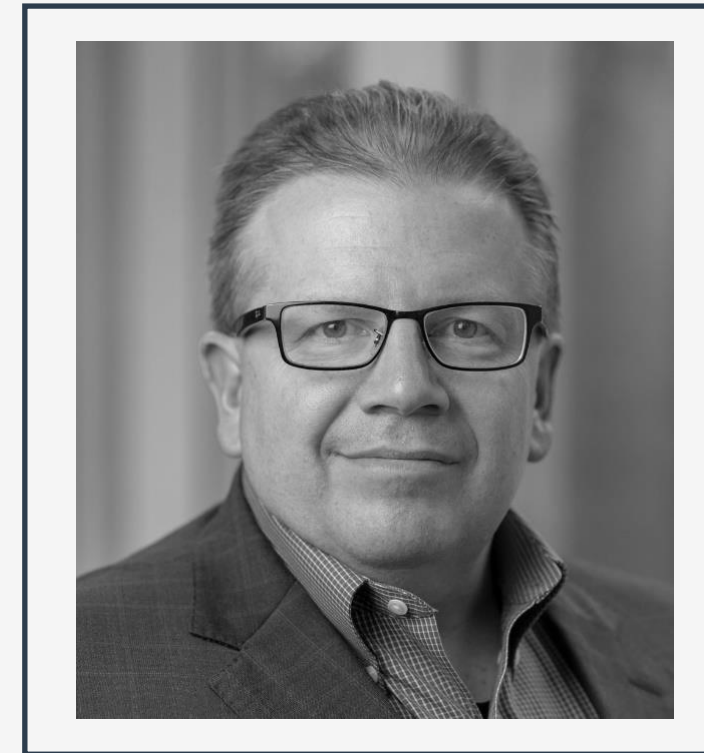
# ABOUT THE SPEAKERS

GET TO KNOW TODAY'S SUBJECT MATTER EXPERTS



## JONATHAN PAQUETTE

Jon Paquette is Head of Customer Success, U.S., with TIS. In his role, he assists clients and prospective clients in finding the best use of the technology that TIS offers to solve their organizational challenges. Prior to joining TIS, Jon held various Finance and Treasury positions in U.S. based organizations. Most recently, Jon held the role of Senior Director, Treasury, for a large health care organization. Jon holds a BA in Economics from Merrimack College and an MBA from the Carroll School of Management at Boston College.



## CRAIG JEFFERY

Craig Jeffery formed Strategic Treasurer LLC in 2004 to provide corporate, educational and government entities direct access to comprehensive and current assistance with their treasury and financial process needs.

His 30+ years of financial and treasury experience as a practitioner and as a consultant have uniquely qualified him to help organizations craft realistic goals and achieve significant benefits quickly.

# TOPICS OF DISCUSSION

KEY AREAS OF FOCUS &  
ANALYSIS



**FRAUD SITUATION**



**FRAUD ATTACKS**



**PAYMENT RISKS**



**COMMUNITY  
APPROACH**



**SIGNIFICANT  
BENEFITS**



**KEY TAKEAWAYS**

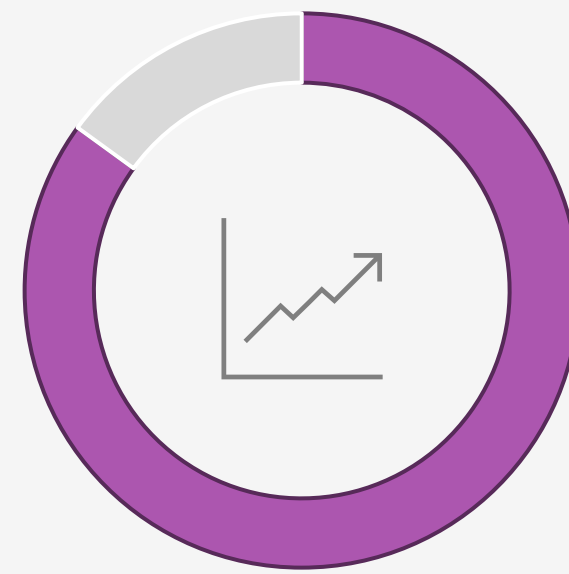
# FRAUD IN 2021

## MORE CONCERNING THAN EVER



**87%**

Of corporates have experienced treasury or payment fraud attempts within the last year



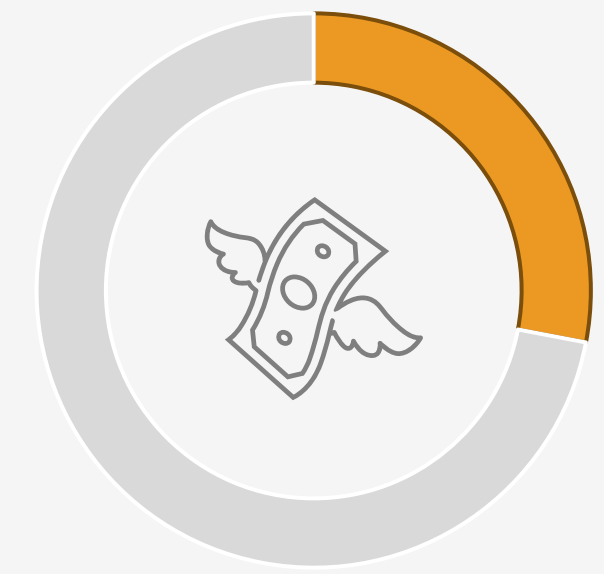
**85%**

Of corporates believe the threat of fraud has increased or significantly increased in the past year



**32%**

Of corporates had experienced a fraudulent ACH or wire that left their building



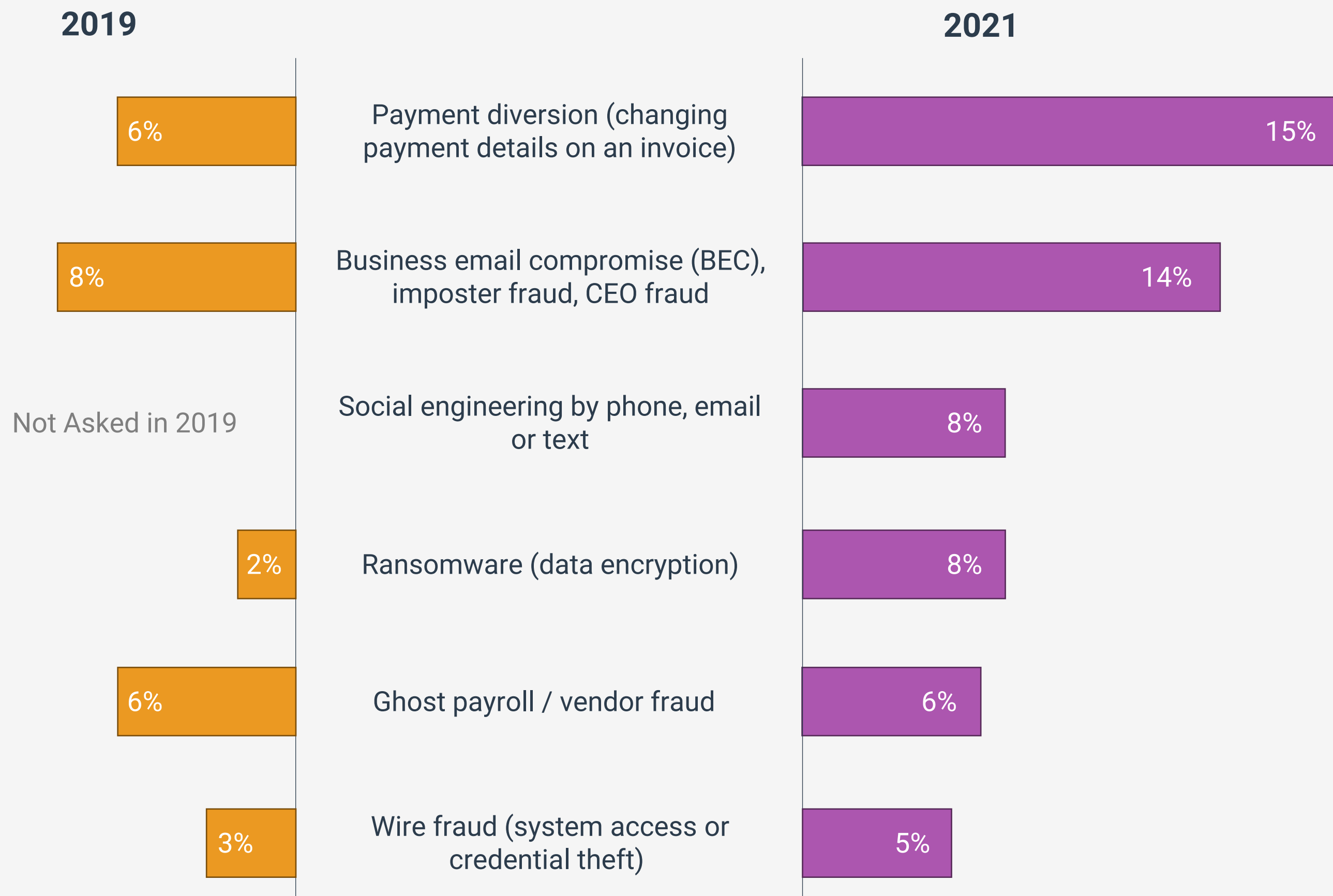
**28%**

Of corporates plan to increase spend on treasury security this year

# ATTACKS ON PAYMENTS

## GROWING IN FREQUENCY

Corporates report that the threat level of fraud is at an all-time high, and losses are increasing. Those that report suffering a loss in the last 12 months have significantly increased over a two-year period.



Note: Only top 6 responses from 2021 displayed

# THE COST IS REAL

THE PROJECTION: WORSENING

Global losses from payment fraud in 2011



\$9.84 Billion

Global losses from payment fraud in 2020



\$32.39 Billion

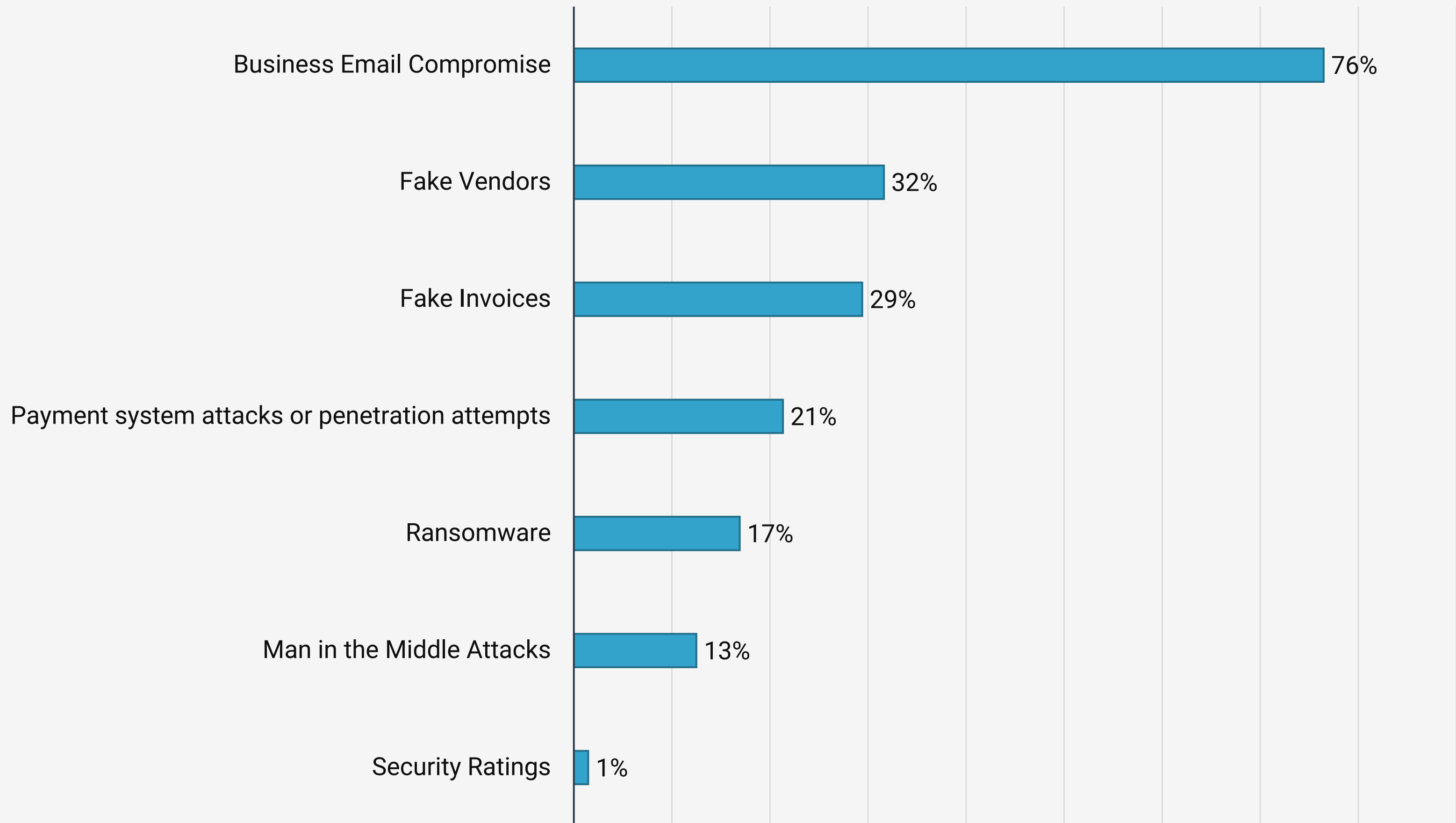
Projected global losses from payment fraud in 2027



\$40.62 Billion

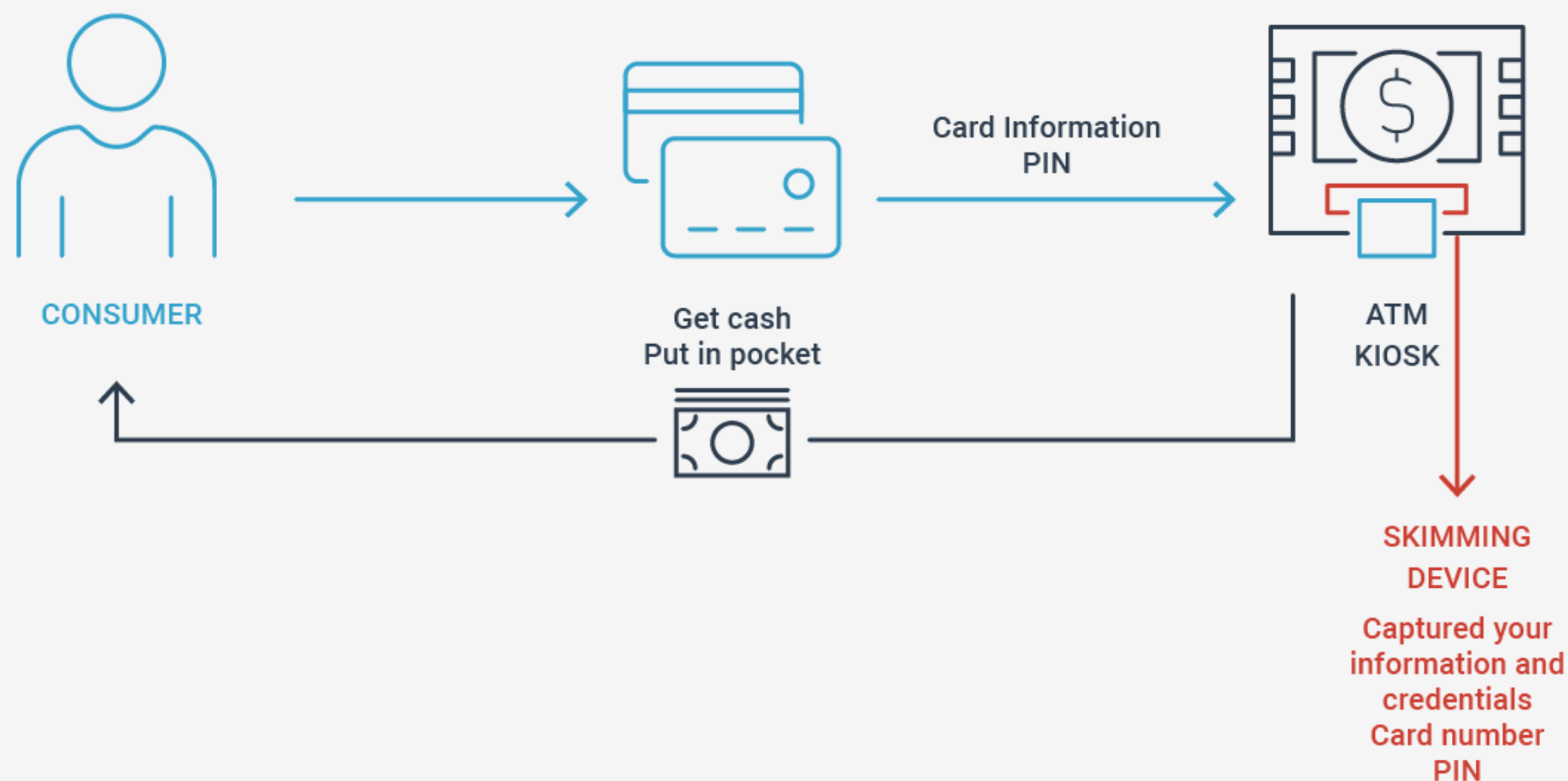
# POLL QUESTIONS

We have experienced fraud attempts or losses in the past 12 months by:



# MAN IN THE MIDDLE: ATM

THE OLD WAY OF MITM ATTACKS

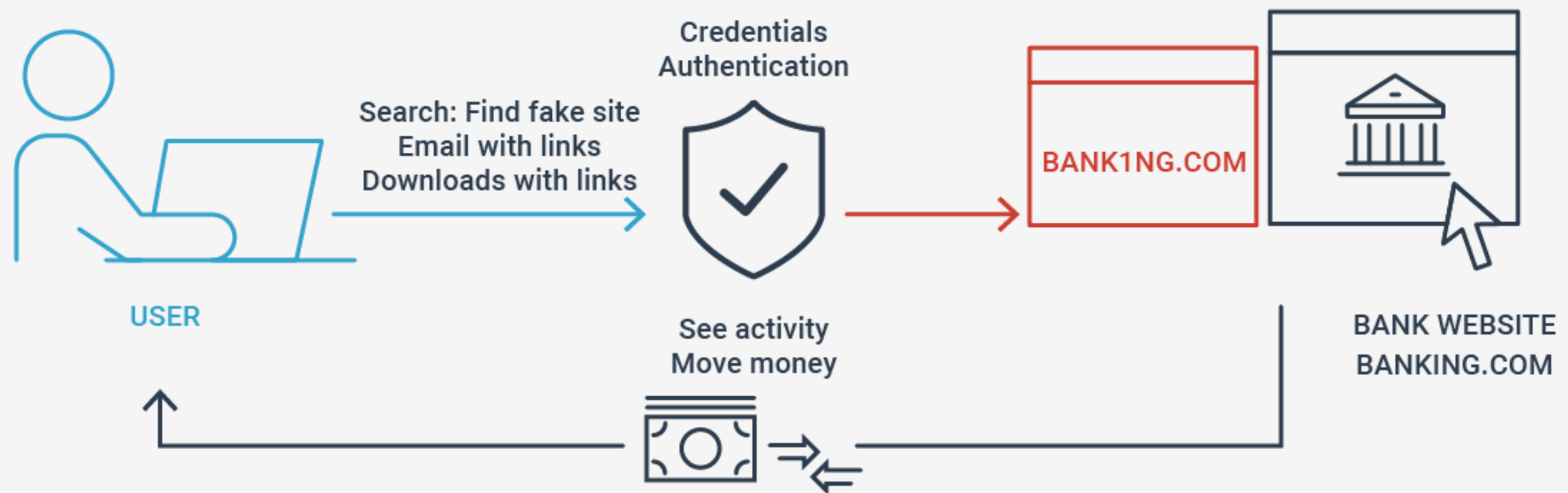


- Objects and devices are visible, more expensive and have limited reach.
- Must be in close proximity.



# MAN IN THE MIDDLE: FAKE WEBSITES

## FAKE WEBSITES



Captures your information and credentials through fake website, passes information on to real website to send confirmation back to user – appears as though nothing is wrong.

# PROTECTING PAYMENTS

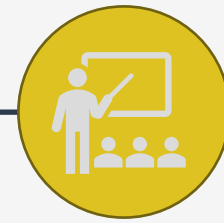
EVERYONE IS A TARGET



**MULTIFACTOR  
AUTHENTICATION  
(MFA)**



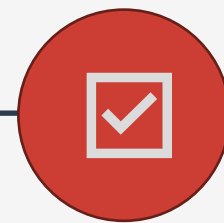
**PRINCIPLE OF  
LEAST PRIVILEGE**



**REGULAR  
EMPLOYEE  
TRAINING &  
TESTING**



**DUAL PAYMENT  
CONTROLS**



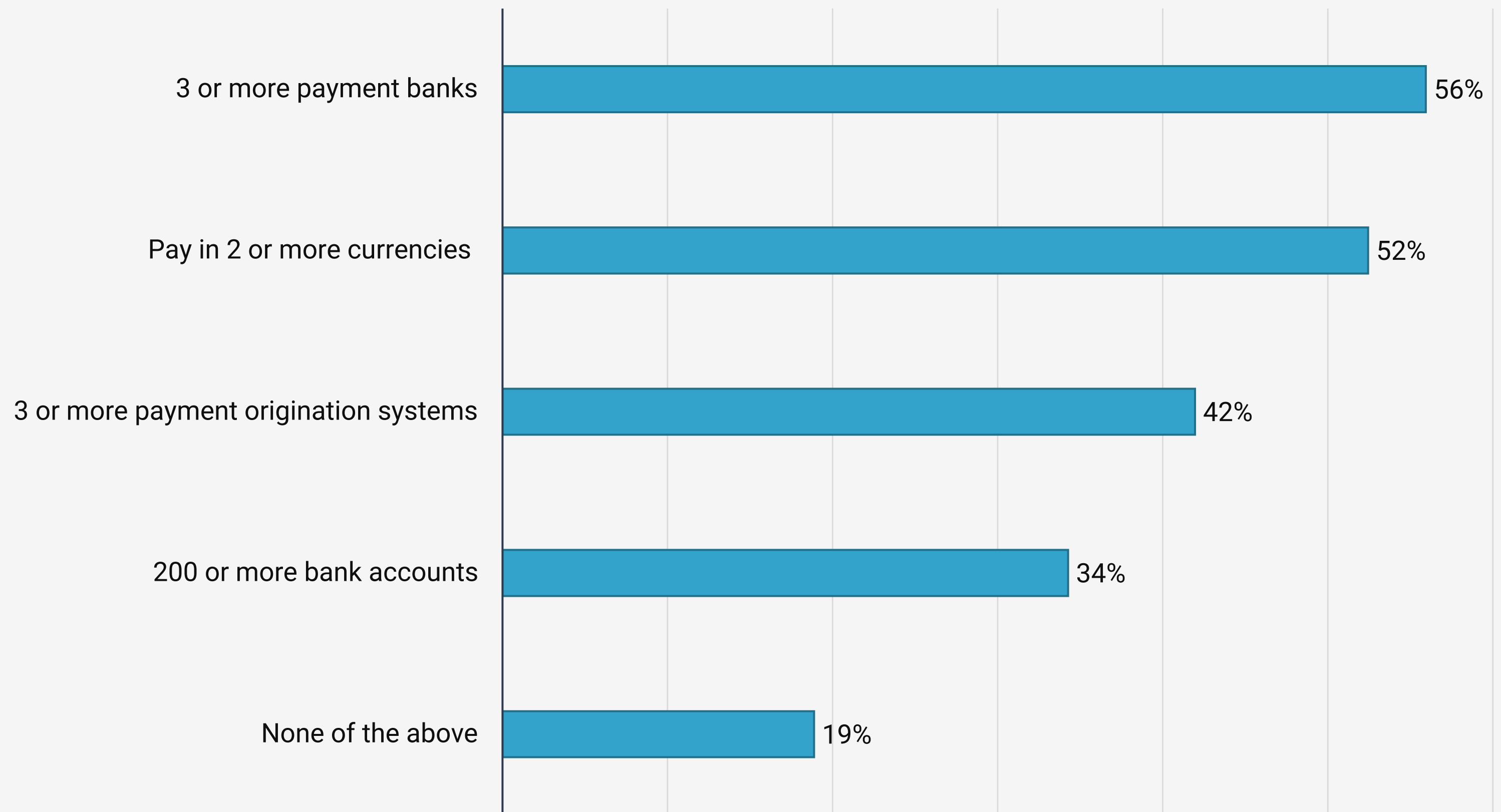
**PAYMENT  
VALIDATION**



**INTELLIGENT  
FRAUD DETECTION**

# POLL QUESTION

The following are true of my organization:



# NETWORK: STRENGTH IN NUMBERS

WITH A NETWORK APPROACH



Transaction information securely stored on cloud platform



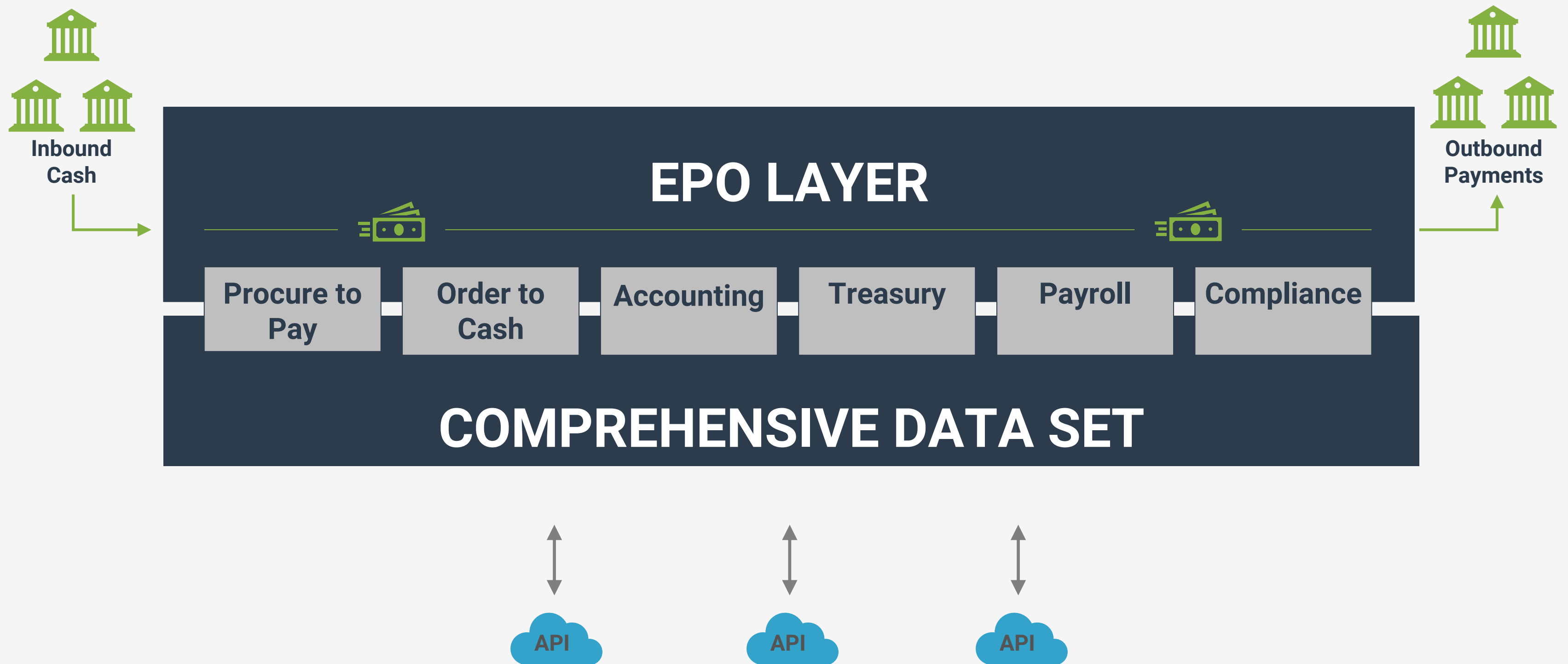
Fraud cases are immediately shared throughout the community, and other attacks are stopped more rapidly



The power of an amplified network – example: 500mm+ tranx, 11K unique bank channels, 15mm beneficiaries

# SOLID DATA FOUNDATION

NECESSARY FOR INTELLIGENT FRAUD DETECTION



# BENEFITS OF A NETWORK

USING DATA & EXPERIENCE



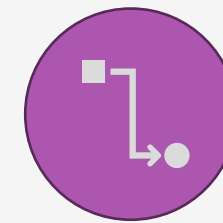
Strong (self-improving, community powered) real-time fraud prevention



Sophisticated, audit-proof case management



Global security and transparency across all connected entities and business units



Streamlined fraud prevention processes (decreased manual workload)



Flexible screening configuration



Rapid and easy implementation



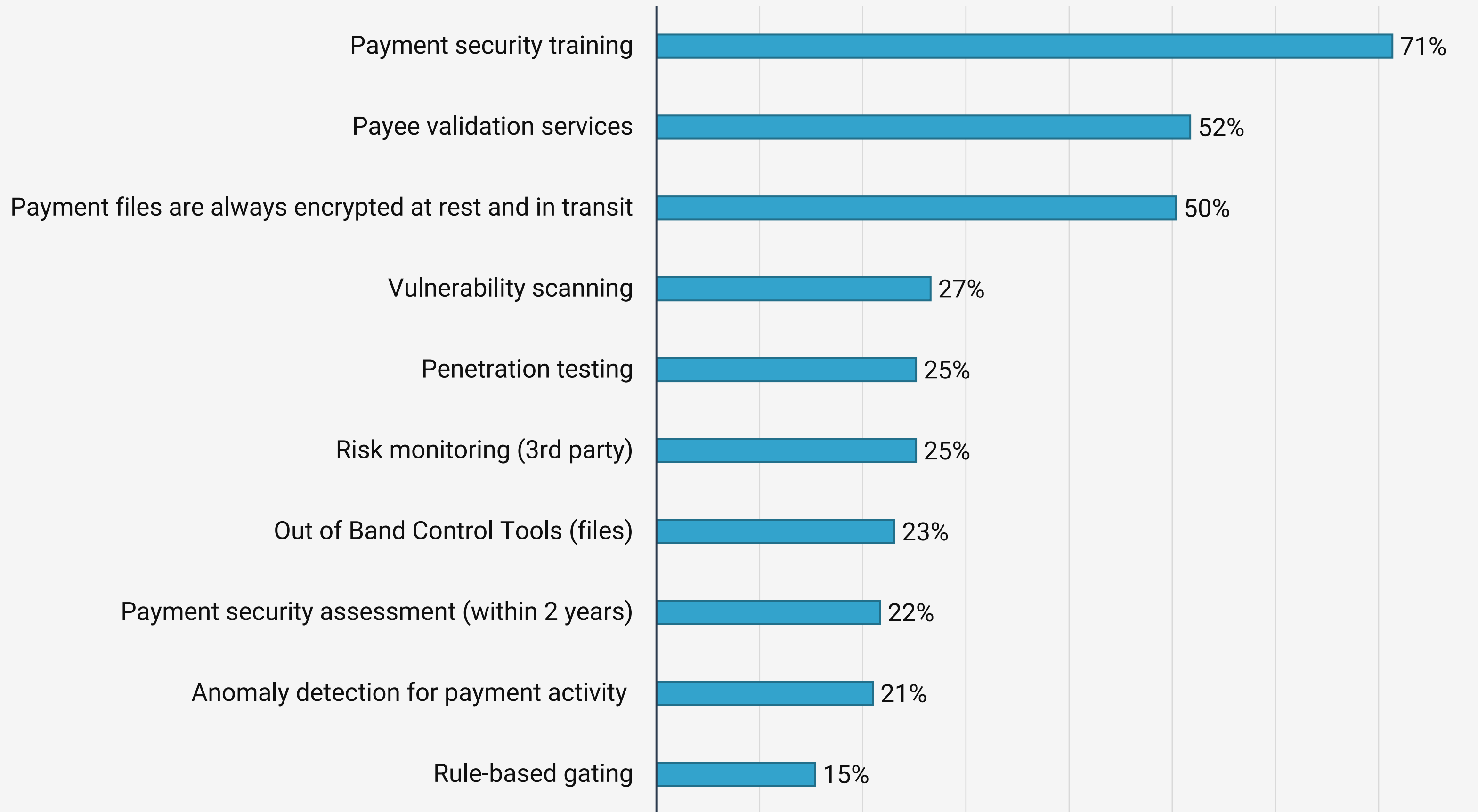
Reduced false positives (community allow-list optionality)



Knowledge and awareness beyond the treasury team

# POLL QUESTION

## What security layers do you currently have in place?



# FINAL THOUGHTS

## STACKING YOUR DEFENSES

### AWARENESS & TRAINING



- Know the threats and stay informed on new fraud techniques
- Continue to evaluate and benchmark your practices against the industry
- Educate and test staff

### SYSTEM CONTROLS



- Understand where internal control deficiencies exist
- Implement controls where possible to minimize the risks in the process
- Review and update regularly

### DETECTION



- Use a combination of rule-based, AI, pattern recognition, community screening, and third-party validation
- Leverage data to increase detection while minimizing false positives



# LET'S CONNECT.

Thank you for your interest in this presentation and for allowing us to support you in your professional development. Strategic Treasurer and our partners believe in the value of continued education and are committed to providing quality resources that keep you well informed.



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## LEADING FROM CRISIS TO RECOVERY EBOOK

Throughout the global pandemic of 2020 and the early stages of recovery, the Treasury Coalition surveyed treasury and finance practitioners on the impacts of COVID-19 on their businesses and their organizational responses. In this eBook, you will find survey findings and insights from Coalition members, including TIS.



**DOWNLOAD EBOOK**