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# FOR BAD OR GOOD: HOW AI CAN BE USED TO ATTACK OR DEFEND YOUR PAYMENTS



#### **WHAT**

Considering the vulnerability of the payment process and how to leverage AI tools to protect your payments.



#### **WHEN**

Thursday, May 16, 2024 11:00 AM - 11:30 AM EDT



#### **WHERE**

Live online presentation Replays at StrategicTreasurer.com

### **SHAI GABAY**

Co-Founder & CEO, Trustmi



### **WAYNE LAWRENCE**

SVP of Data Platforms, Colgate-Palmolive

### **CRAIG JEFFERY**

Founder & Managing Partner, Strategic Treasurer















# **ABOUT THE SPEAKERS**

GET TO KNOW TODAY'S SUBJECT MATTER EXPERTS



SHAI GABAY
Trustmi



WAYNE LAWRENCE
Colgate-Palmolive



**CRAIG JEFFERY**Strategic Treasurer





# **TOPICS OF DISCUSSION**

**KEY AREAS OF FOCUS & ANALYSIS** 



#### THE SITUATION

AI FOR BAD AND GOOD



# **OPPORTUNITIES FOR FRAUD**

VULNERABILITIES IN THE PAYMENT PROCESS



#### **LEVERAGING AI**

PROTECTING PAYMENTS



### **KEY TAKEAWAYS**

AND FINAL THOUGHTS

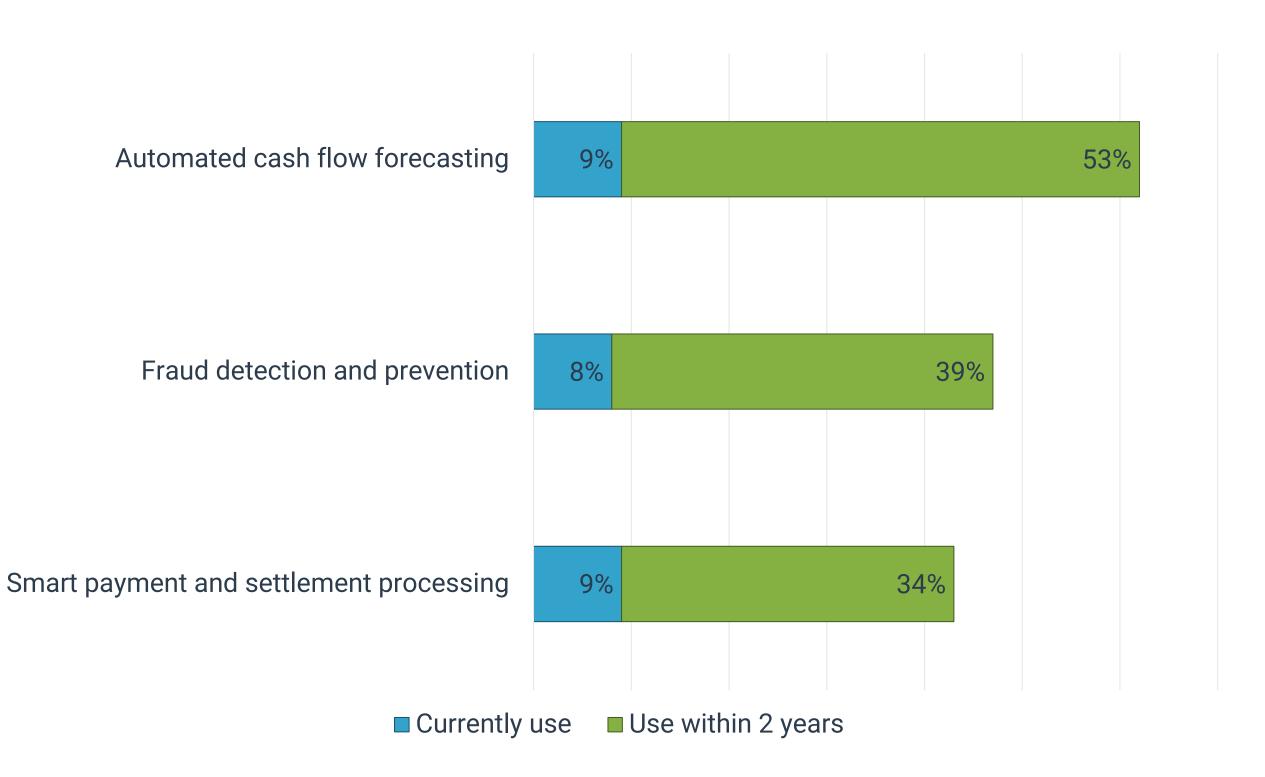




# AI IMPACTING TREASURY

#### **AND PAYMENTS**

>> Please describe your current and planned use of AI in the following areas:







# THE BAD AND THE GOOD

AI OFFERS HELP TO BOTH CRIMINALS AND BUSINESSES



#### **Criminal**



### **Business**



### **Gain knowledge**

- Via generative Al
- Identify system patterns that reveal weaknesses



### **Machine learning algorithms**

- Pattern detection
- Forecast threats
- Faster threat detection and response



#### Leverage gained knowledge

- Analyze data much quicker
- Gain system access
- Remove detection layers



#### **Data collection and analysis**

- Anomaly detection
- Risk scoring
- Improved efficiency and accuracy



#### Launch the attack

- At the opportune time
- On a wider scale
- With greater credibility



#### **Optimization of threat detection AI model**

- Ongoing validation and testing processes
- Greater scalability





# **OPPORTUNITIES FOR FRAUD**

### THE B2B PAYMENT CYCLE IS VULNERABLE TO CRIMINAL COMPROMISE



- Social engineering
- Deep fake calls



 Crafted ChatGPT fraudulent emails at scale



- Insider threat
  - Malicious
  - Non-malicious



 Human error in releasing payments



















Vendor provides goods or services and generates invoice Invoice is emailed to company

Invoice is processed in finance/ERP system

Payments are batched and sent to bank for release

Vendor receives payment





# TARGETED ATTACK

### REDIRECTING PAYMENTS







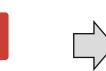














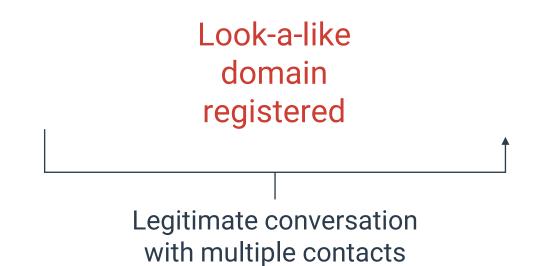


process with vendor















Vulnerable validation

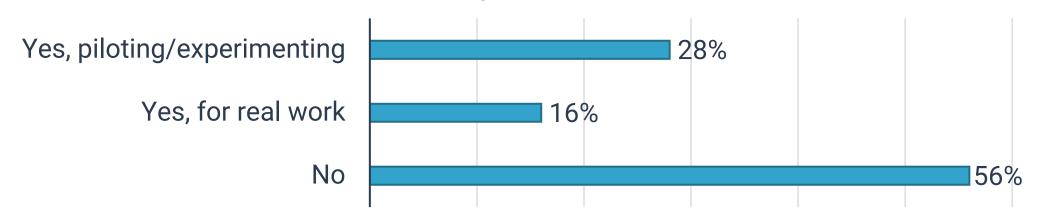
Money wired to criminal's account



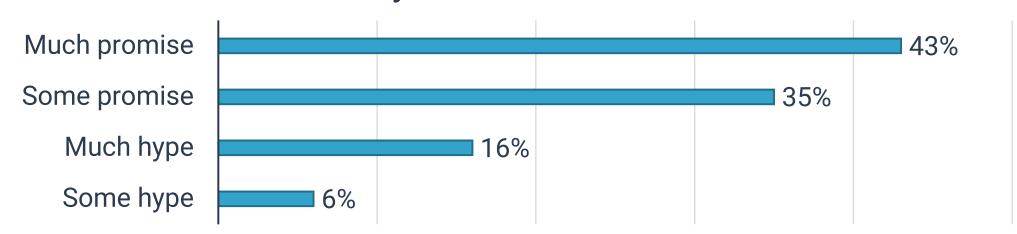


# POLL QUESTION

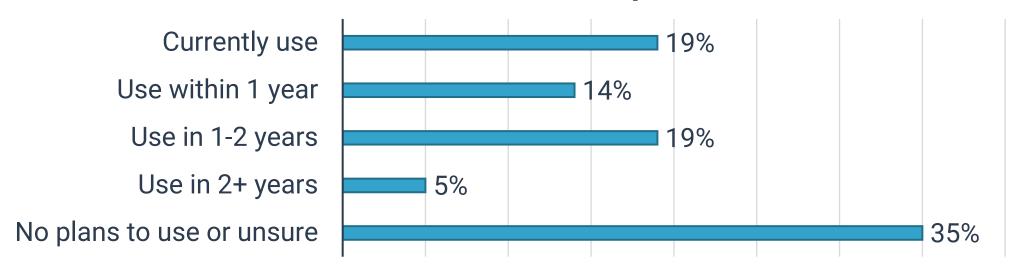
Poll 1 - I am using AI tools for business:



Poll 2 - My view on AI is that there is:



Poll 3 - Please describe your current and planned use of AI in fraud detection and prevention:







# TOP FRAUD ATTEMPTS

#### BEC AND SOCIAL ENGINEERING TOP THE LIST

>> Corporate: Thinking of the last 12 months, please label your company's experience with each of the following:



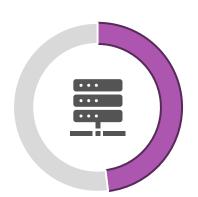
78%

Business email compromise (BEC),

imposter fraud, CEO fraud



65%
Social engineering by phone, email or text



48%

Cyber fraud (Information
/ Data theft / Malware /
Virus installed)



47%

Payment diversion (changing payment details on an invoice)



19%
Ransomware (data encryption)



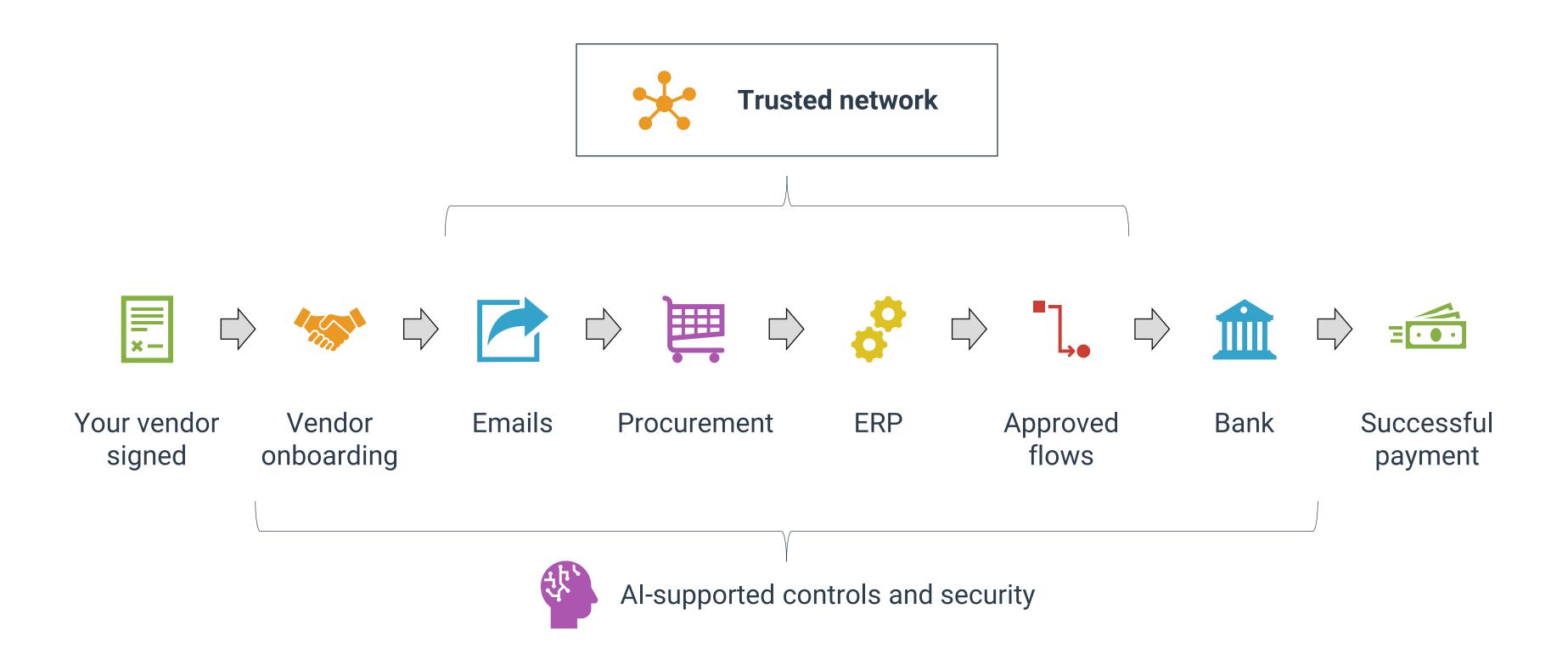
The percentages above show those who suffered some fraud attempt(s) with no success, suffered a loss, or suffered a loss and at least one person was terminated or let go.





# **END-TO-END PROTECTION**

DEFENDING THE PAYMENT PROCESS WITH AI







# LET'S CONNECT

# DON'T LET THE LEARNING END HERE... CONTACT US WITH ANY FUTURE QUESTIONS

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.



#### **STRATEGIC TREASURER**

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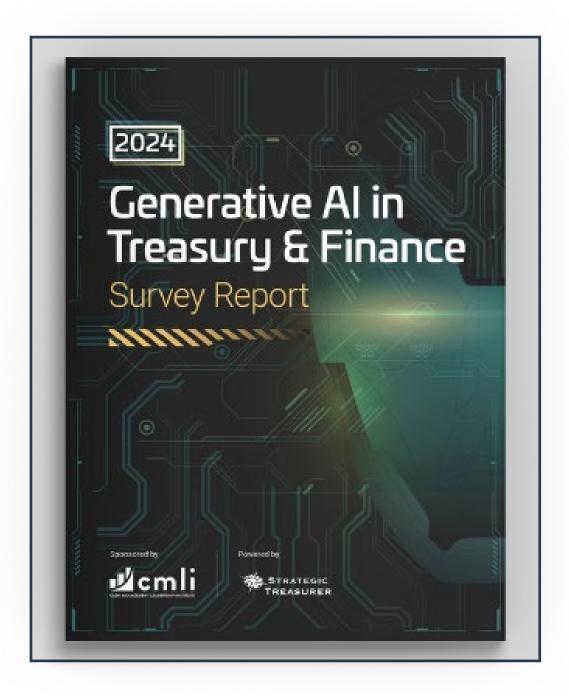


#### **TRUSTMI**

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Download the Generative AI in Treasury and Finance Survey Report for in-depth commentary.





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- Treasury Technology



### RESEARCH Market Data

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- Critical Treasury Assessment



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