



**ERETMIS INC**

# The Human Factor in Payment Security

Harnessing Technology and Processes to  
Fortify the Payment Landscape



# ERETMIS INC

Keeping You Safe in a Dangerous Cyberspace

# About Presenter

- Dr. Emmanuel Adu
- A former United States Army Captain.
- PCI QSA, PCIP, CISSP, CISA, Security+, CySA+, Pentest+, CSAP, CNSP, CNVP, AWS CP
- CEO of Eretmis Inc. ( PCI QSA Company)



# OVERVIEW

- Introduction
- Role of Human Stakeholders
- The Power of Collaboration
- Importance of Innovation
- The Need for Education and Compliance
- The Role of Customer Experience
- Adapting to Industry Transformations
- Way Forward
- Conclusion

# INTRODUCTION



**We will dive into the heart of the payment ecosystem - the human stakeholders**

We'll explore their pivotal roles in

- Collaboration
- Innovation
- Compliance
- Education
- Customer experience

# Moon or Sun?

Two kids and the old man



# THE ROLE OF HUMAN STAKEHOLDERS

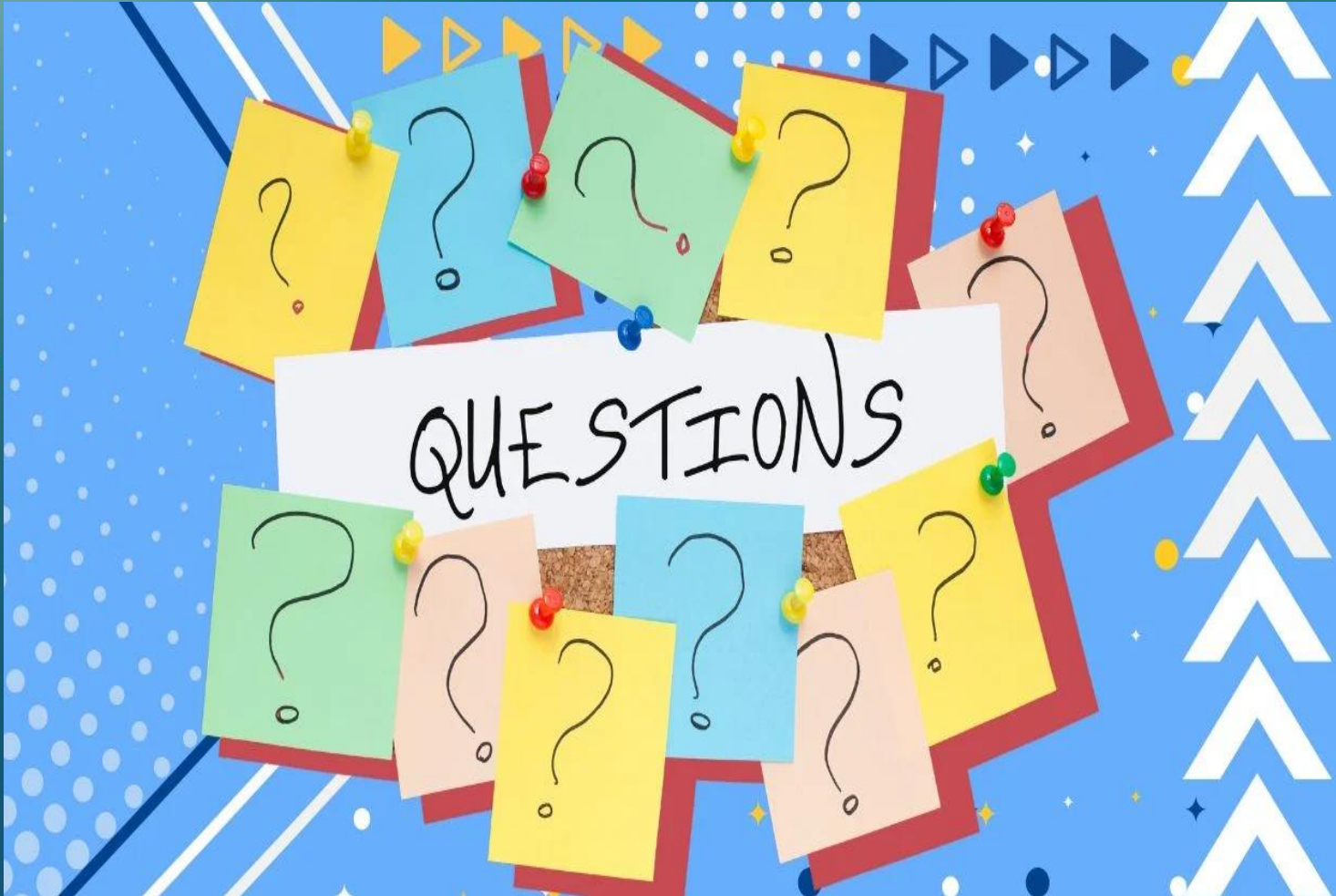


The payment ecosystem is inhabited by diverse stakeholders

- Business leaders
- Security professionals
- Technology providers
- End-users

Each of these stakeholders play a distinct role in the payment ecosystem.

# THE ROLE OF HUMAN STAKEHOLDERS



## Question

How can we further leverage the distinct strengths of each stakeholder to enhance the payment ecosystem?

# THE POWER OF COLLABORATION



A connected world calls for connected solutions.

- Collaboration between stakeholders enhances security and efficiency.
- The creation of unified security protocols, shared threat intelligence, and integrated payment solutions are stellar examples of collaborative success.

# THE POWER OF COLLABORATION



## Question

- In what ways can enhanced cross-industry collaboration disrupt the current payment landscape?

# IMPORTANCE OF INNOVATION



**Innovation isn't a choice but a necessity due to rising threats.**

The adoption of technologies like AI, ML, and blockchain offers

- Advanced fraud detection
- Automation
- Decentralized
- Secure transactions

# IMPORTANCE OF INNOVATION



## Question

- How can we foster a culture of continuous innovation in the face of rapidly evolving security threats?

# THE NEED FOR EDUCATION AND COMPLIANCE



Education is the first line of defense against cyber threats

An informed stakeholder can navigate the complex payment landscape securely and efficiently

# THE NEED FOR EDUCATION AND COMPLIANCE



## Question

- What strategies can we implement to encourage better compliance with security standards among all stakeholders?

# THE ROLE OF CUSTOMER EXPERIENCE



**Balancing security with customer experience is key**

While multifactor authentication provides robust security, it should be easy and fast to maintain a positive customer experience.

# THE ROLE OF CUSTOMER EXPERIENCE



## Question

- How can we balance enhancing security measures with maintaining or improving user experience?

# ADAPTING TO INDUSTRY TRANSFORMATIONS



The payment industry is dynamic, and adaptability is crucial for survival and growth.

Stakeholders should be ready to embrace change, be it new regulations, technologies, or market trends.

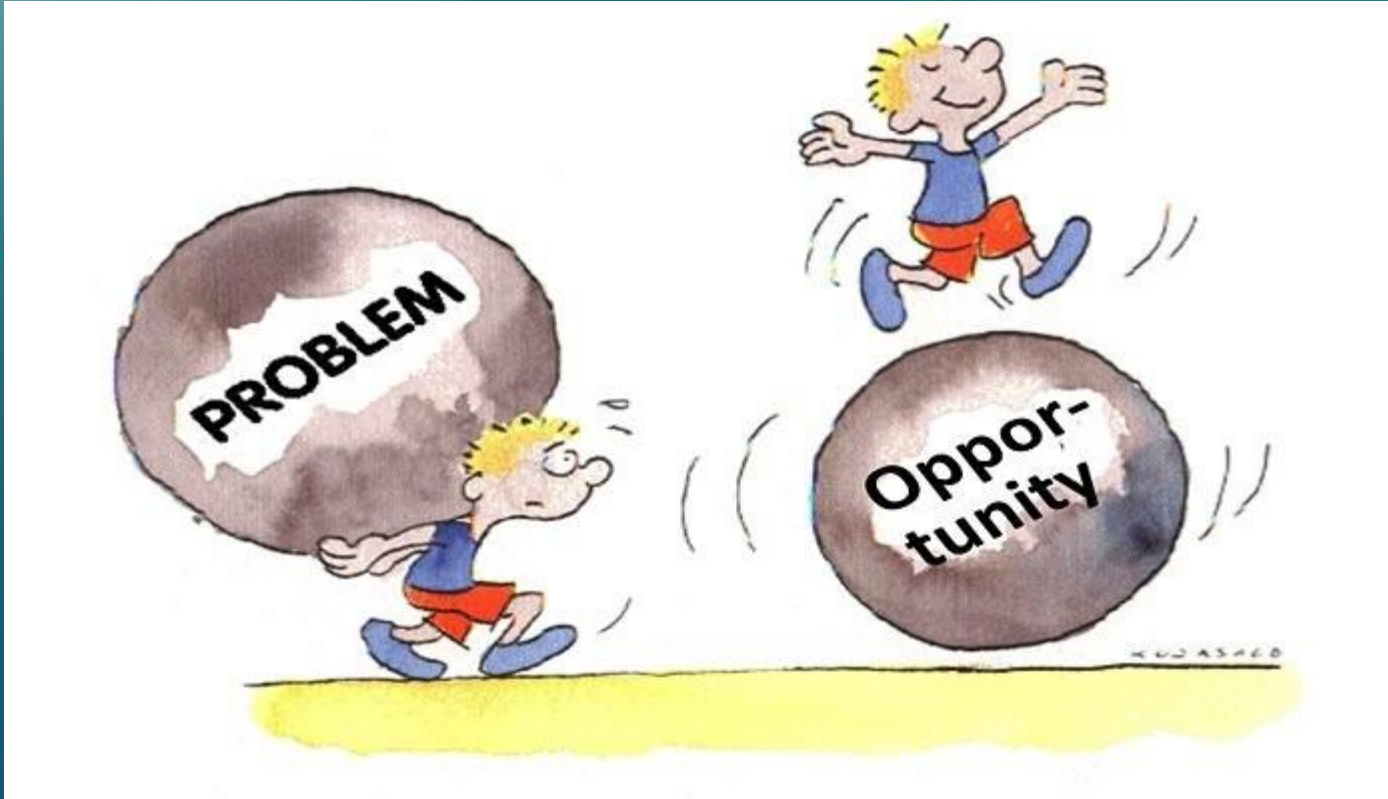
# ADAPTING TO INDUSTRY TRANSFORMATIONS



## Question

- How can we build an adaptive mindset among stakeholders to ensure the payment ecosystem remains resilient and relevant?

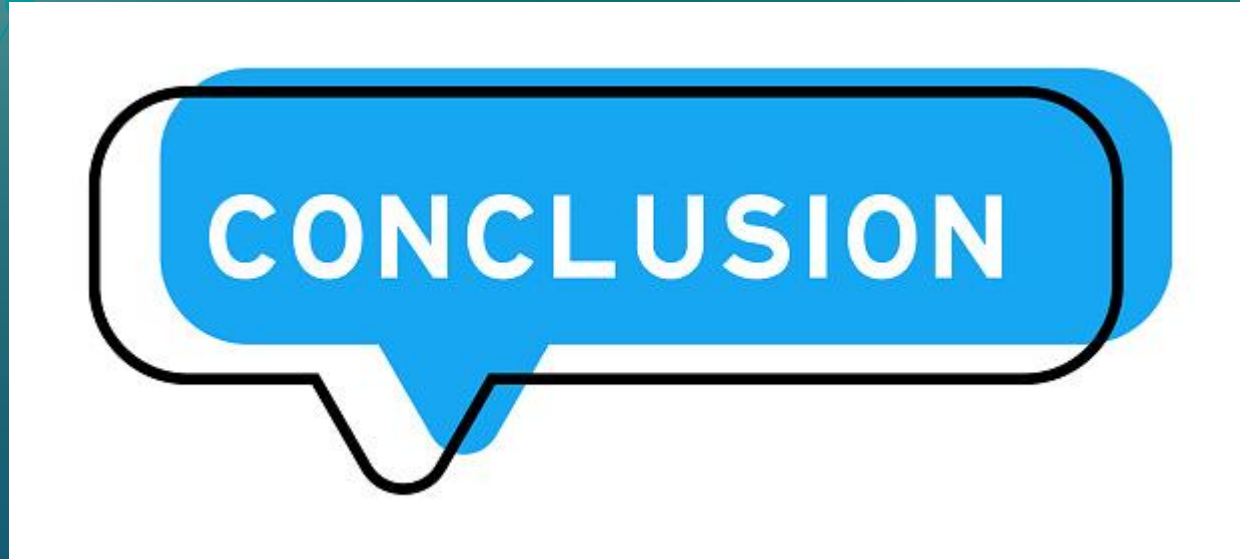
# WAY FORWARD



**Challenges:** Keeping up with technological advances, managing evolving security threats, and ensuring regulatory compliance.

**Opportunities:** Leveraging AI and ML for security, improving customer experience through innovation, and capitalizing on the potential of mobile and digital payments.

# CONCLUSION



The human stakeholders form the backbone of the payment ecosystem.

Stakeholders' ability to

- Collaborate
- Innovate
- Educate
- Comply
- Adapt