



ISACA 2025
**NORTH AMERICA
CONFERENCE**

Orlando, FL | Virtual | 21-23 May

The Future of Authentication

How to navigate identity threats today
and go beyond traditional methods

DISCLAIMER

Presentations are intended for educational purposes only and do not replace independent professional judgment. Statements of fact and opinions expressed are those of the presenters individually and, unless expressly stated to the contrary, are not the opinion or position of ISACA or any other co-sponsors. ISACA does not endorse or approve, and assumes no responsibility for, the content, accuracy or completeness of the information presented.

Attendees should note that sessions may be audio- or video-recorded and may be published in various media, including print, audio and video formats without further notice. The presentation template and any media capture are subject to copyright protection.

©2025 ISACA or its affiliates. The ISACA logo and other trademarks are proprietary. All rights reserved.



About Dashlane & Frederic

Frederic Rivain is the Chief Technology Officer at Dashlane, the leading credential security platform that secures access and proactively protects against breaches. With over two decades of tech leadership experience, he drives innovation in security and privacy. A passionate advocate for user-centric security, he brings a unique perspective on blending convenience and robust protection for both individuals and businesses.

Over 25,000 brands worldwide, including Air France, Forrester Research, and Sephora, trust Dashlane for industry-leading innovations that keep them ahead of evolving threats. The company pairs patented, enterprise-grade security with consumer-grade design in a top-rated platform, empowering everyone to be part of the credential security solution. For more information, please visit dashlane.com.





Learning Objectives

- Understand today's emerging threats
 - AI risk
 - Hybrid work
 - Credential security impact
- Recommendations for IT and Security professionals
 - The need for visibility
 - The move to phishing resistance
 - Privacy and Security by Design

The Future of Authentication



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

Do you
recognize him?

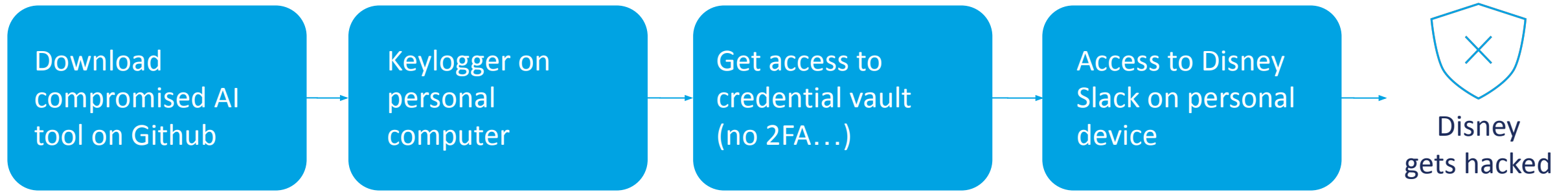


The Future of Authentication



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

The Disney Hack



The Future of Authentication



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

The Disney Hack

Download
compromised AI
tool on Github

Keylogger on
personal
computer

Get access to
credential vault
(no 2FA...)

Access to Disney
Slack on personal
device



Disney
gets hacked

Monitor apps,
extensions, packages

Endpoint protection

Enable MFA
everywhere possible

Enforce segregation and controls
between work and personal devices
(no work data on personal devices)

Minimize risk of
breach for your
organization

Who got hacked?

Nobody is immune.

How many of you have been at a company that's had a security incident in the past two years?

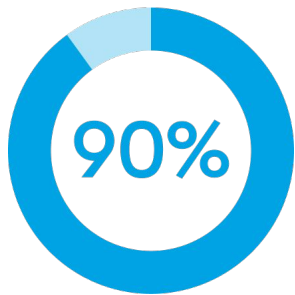
The Future of Authentication



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

The AI risk

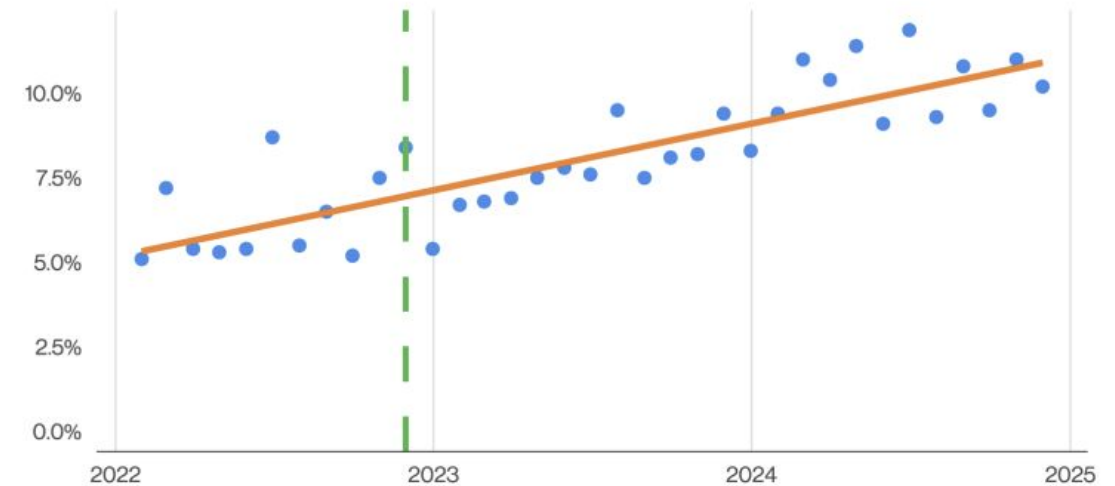
- AI-powered phishing attacks
- AI data leaks
- Shadow AI
- Reduced critical thinking.
Trust the machine!



**of AI usage in the enterprise
happens through unauthorized
personal accounts**

(Cyberhaven, May 2024)

Percentage of AI-assisted malicious emails over time '2025 Verizon Data Breach Investigation Report



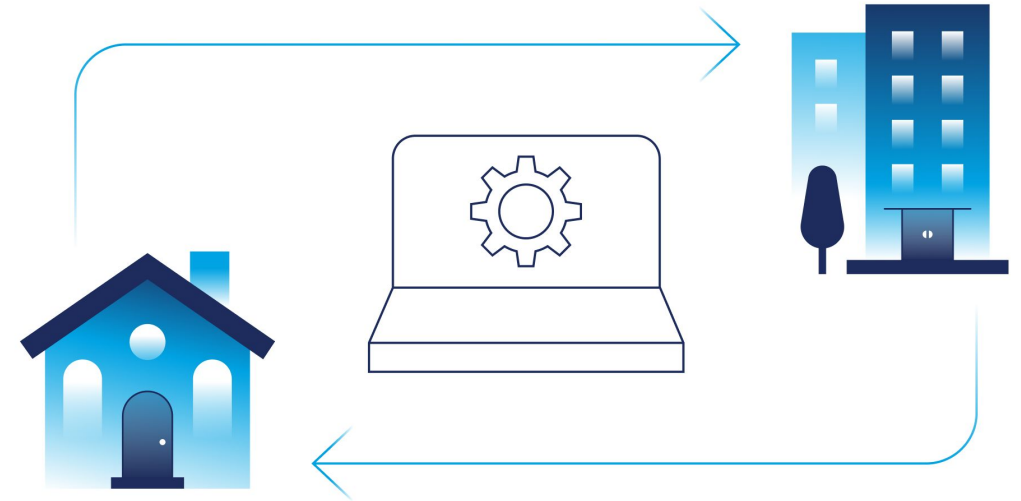
Some numbers*

- **74%** say AI poses an increased threat to credential security
- **88%** of employees say phishing attempts to their org have increased
- **84%** of IT leaders report an increase in phishing volume, sophistication or both



Hybrid work is blurring the lines

- Boundaries between work and personal disappear
- Shared time and focus
- Shared devices
- Blurred practices and risk evaluation
- Reused weak or compromised credentials



Some numbers*

- **39% of employees** use apps not managed by their company on work devices

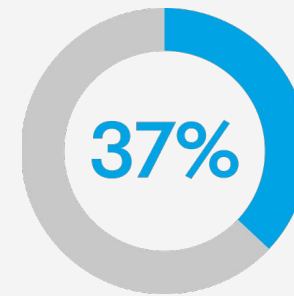
* From Dashlane State of Credential Security Report 2025



Credential security remains the heart of the problem

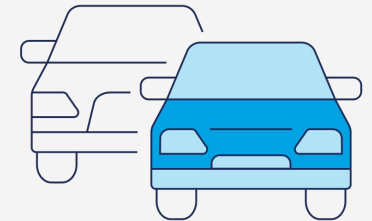
- Despite SSO and MFA
- Despite security awareness trainings and phishing exercises
- Despite password managers

Some numbers*



of corporate apps are not behind SSO

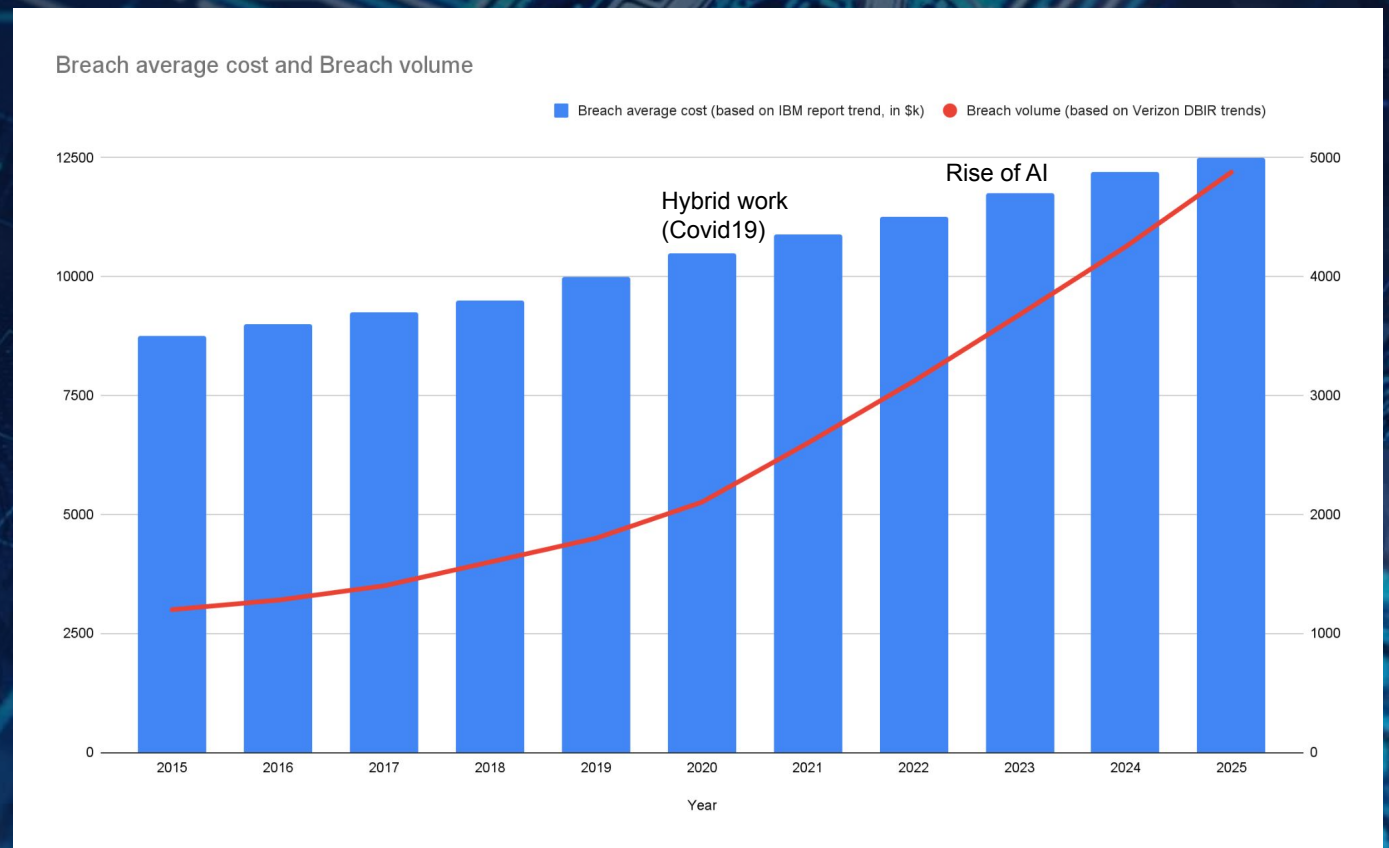
22% would rather sit in rush hour traffic than take a security training



* From Dashlane State of Credential Security Report 2025

Identity Threats Today

- It's not slowing down
- Hybrid work and AI have accelerated the trend
- Breaches continue to happen as AI and phishing is on the rise



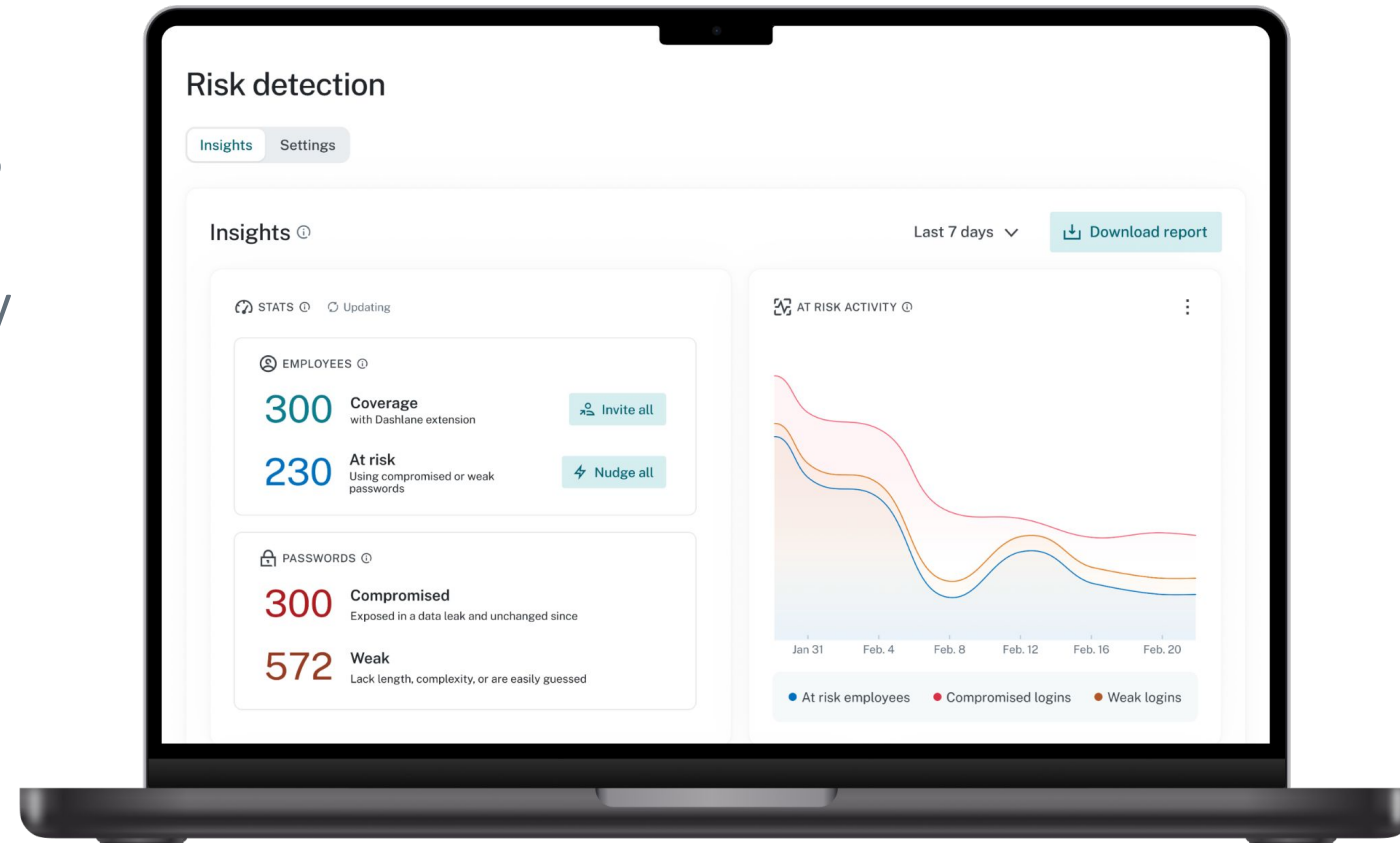
The Future of Authentication



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

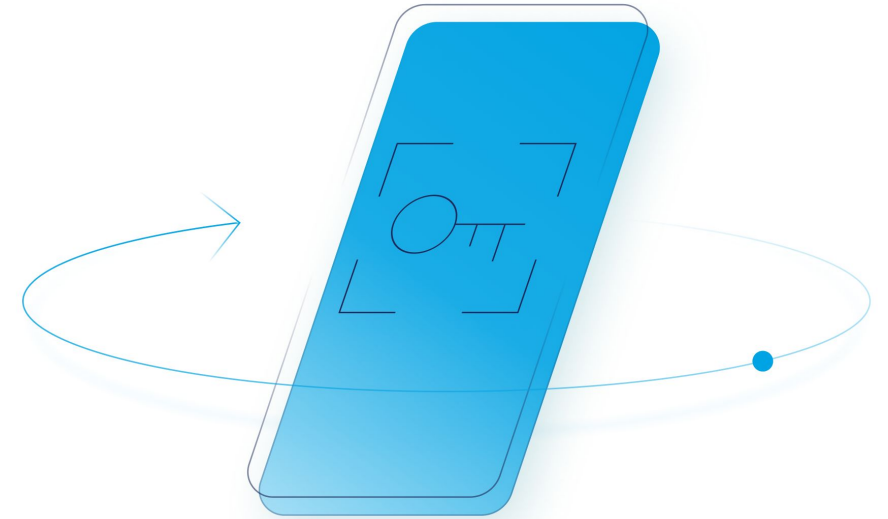
Full visibility

- What is happening in your organization?
- Need visibility to act
- Monitor credential behaviors proactively
- Act at the employee level.
Influence behaviors in context



Phishing-resistance

- AI won't solve AI
- We need to fix authentication at the root
- Go Passwordless
 - Migrate to Passkeys
 - Use phishing-resistant solutions in particular for critical systems



Some numbers*

- **76% of IT leaders** say their C-Suite is pushing for passkey adoption

* From Dashlane State of Credential Security Report 2025

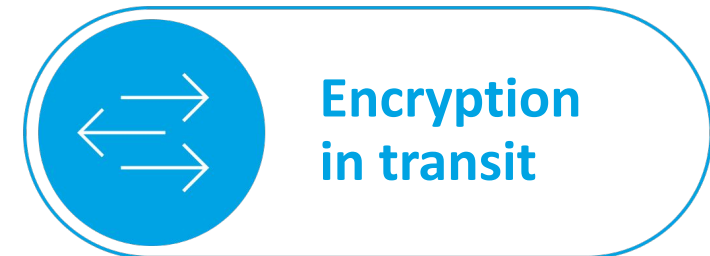
The Future of Authentication



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

Privacy by Design

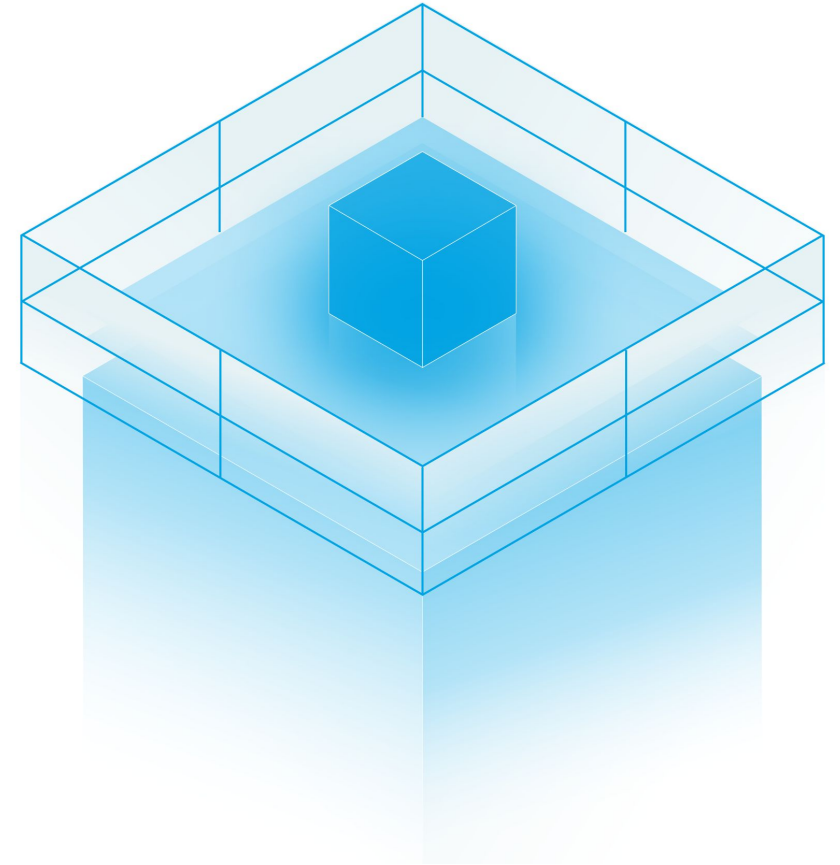
- Make sensitive data private by default
- Leverage technology like confidential computing
- Encryption in transit, at rest and in use
- Improve compliance. Reduce liability





Security by Design

- Provide solution “guardrails” to employees that prevent them from making mistakes
- Evaluate your risk cautiously (be safe rather than sorry)
- Follow best practices:
 - least-access privilege,
 - strong authentication,
 - SSO+MFA+Password Management,
 - device management
- Enforce policies in the system
- Multiple layers of protection



A culture of Security

→ **Security is everybody's responsibility.**

- Keep educating
- Raise awareness
- Practice and lead by example
- Increase ownership





Key Takeaways

- Credential security remains at the heart of the problem, and the risk is amplified by AI and Hybrid work.
- You can only secure what you know: invest in solutions that provide visibility into employee behaviors and what's happening in your systems.
- Fix the root causes:
 - Move to passwordless and phishing-resistant solutions
 - Invest in privacy and security by design



ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

Q&A





ISACA 2025
NORTH AMERICA
CONFERENCE
Orlando, FL | Virtual | 21-23 May

Thank you!

Visit Dashlane at booth 411