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www.kiteworks.com

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Personal Data in the Crosshairs: Takeaways From Verizon's 2023 DBIR Mitigating Sophisticated Email

Attacks and Protecting Against Human Error

Humans and

Personal Data

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of Breaches Include a Human Element (error, privilege misuse, stolen credentials,

social engineering)

Over

of Incidents Targeted

Personal Data

(PII, PHI, Other)

Breach Highlights

Involved

External Actors

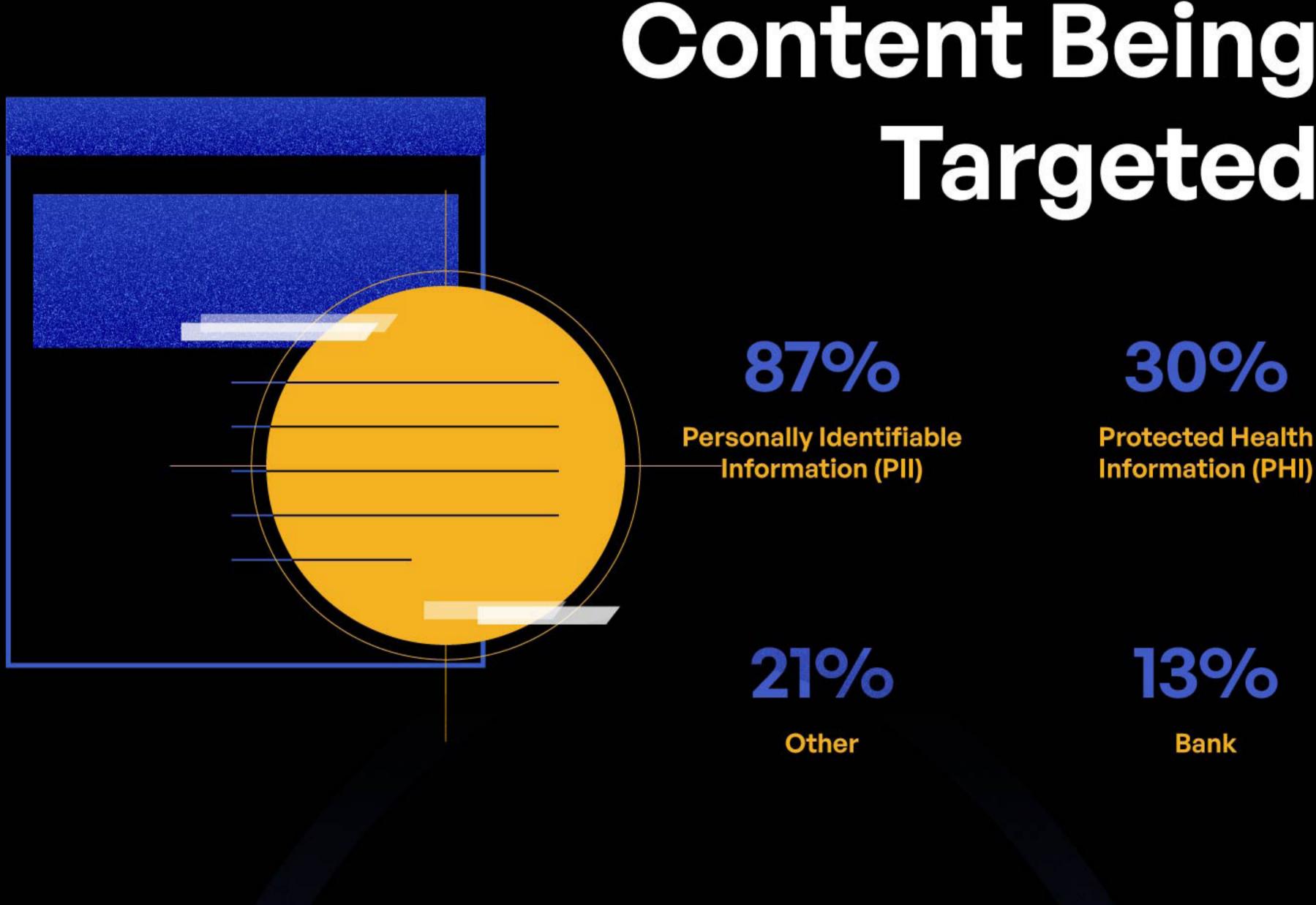
of Breaches Involved **Credentials**

Involved Ransomware

Targeted

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Nearly

HOW KITEWORKS

STOPS EMAIL SOCIAL

ENGINEERING ATTACKS

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87% 30% Personally Identifiable **Protected Health** Information (PII) Information (PHI)

More Sophisticated

of Social Engineering Attacks Are

Pretexting (leverage existing

email threads)

Business Email Compromise (BEC)

engineering attacks

attachment integrity

and CDR

Uses a closed, invitation-only email system

Scans email with integrated antivirus, ATP,

Uses multi-factor authentication to protect

to which attackers cannot send social

Employs digital fingerprinting to verify

21%

Other

Email Attacks Become

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PRIVATE

Misdelivery and

against credential attacks

Publishing Errors

Spike Upward of Errors Are Misdelivery:

Data shared with someone other than

was sent to an unknown destination

the intended person or when something

HOW KITEWORKS PROTECTS AGAINST MISDELIVERY Secure Email: Encrypts messages and attachments, ensuring only intended recipients can access the content, and enables sensitive files to be withdrawn in an email when sent to the wrong recipient. Granular Access Control: Set specific access permissions for each user, reducing the risk of sensitive information being accidentally shared or

Built-in Audit Logs: Detailed record of all user

activities that makes it easier to identify and

Role-based Policies: Establish and enforce policies

based on user roles to ensure sensitive data is only

accessible to those who need it. Secure Shared Folders: Create secure folders for sharing sensitive information so that only authorized users can access the content. Compliance Reporting: Monitor and maintain

reduce the risk of misdelivery incidents.

sent to unauthorized individuals.

address misdelivery issues.

PUBLISHING ERRORS

7.0

AUDIT

does occur.

compliance with data protection regulations to

of Errors Are Publishing Errors: Data is sent to the wrong audience

HOW KITEWORKS PROTECTS AGAINST

Secure Storage: Secure environment for storing sensitive content that reduces the risk of accidental publishing or unauthorized access. Version Control: Track changes and revert to previous versions of a document if a publishing error

publishing errors (viz., reviewed by appropriate users before it is published).

Access Controls: Set granular access permissions for each user to ensure that only authorized individuals can edit, send, and share sensitive content. Workflow Management: Create and manage workflows for content review and approval to prevent

Audit Logs: Detailed record of all user activities to make it easier to identify and address publishing errors.

Real-time Monitoring: Quickly detect and respond to potential publishing errors when they do occur.

For more on the Kiteworks Private Content Network, click here. vavasisipBBtttom==documeentreeateEtementNE(re, 'stop'); vertices[vertices.length - 1]] r=snapside/44;}}

For more Kiteworks insights on Verizon's 2023 DBIR, check out our blog post.

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