

A decorative graphic on the left side of the slide features a complex network of interconnected hexagons. The hexagons are rendered in various colors including teal, purple, yellow, and grey, and are connected by thin lines with small circular nodes at the intersections. The pattern is layered, with some hexagons appearing more prominent than others.

Investigation and Notification of Data Breaches: A U.S. Perspective

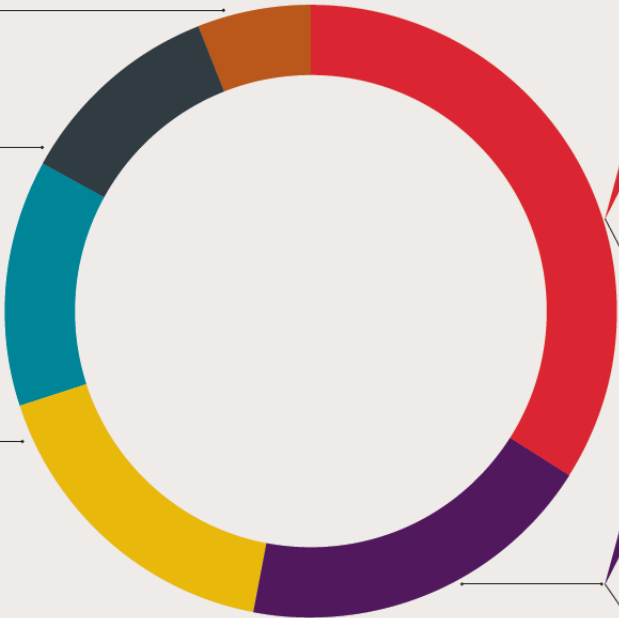
Melinda L. McLellan
Partner, BakerHostetler

James A. Sherer
Partner, BakerHostetler

Incident Causes

Overall

- 6% System Misconfiguration
- 11% Stolen/Lost Device or Records
- 13% Other
- 17% Inadvertent Disclosure



Phishing Breakdown

34%
Phishing

- 32% Remote Access
- 24% Other
- 20% W-2 Scam
- 18% Ransomware
- 6% Automated Information Exfiltration

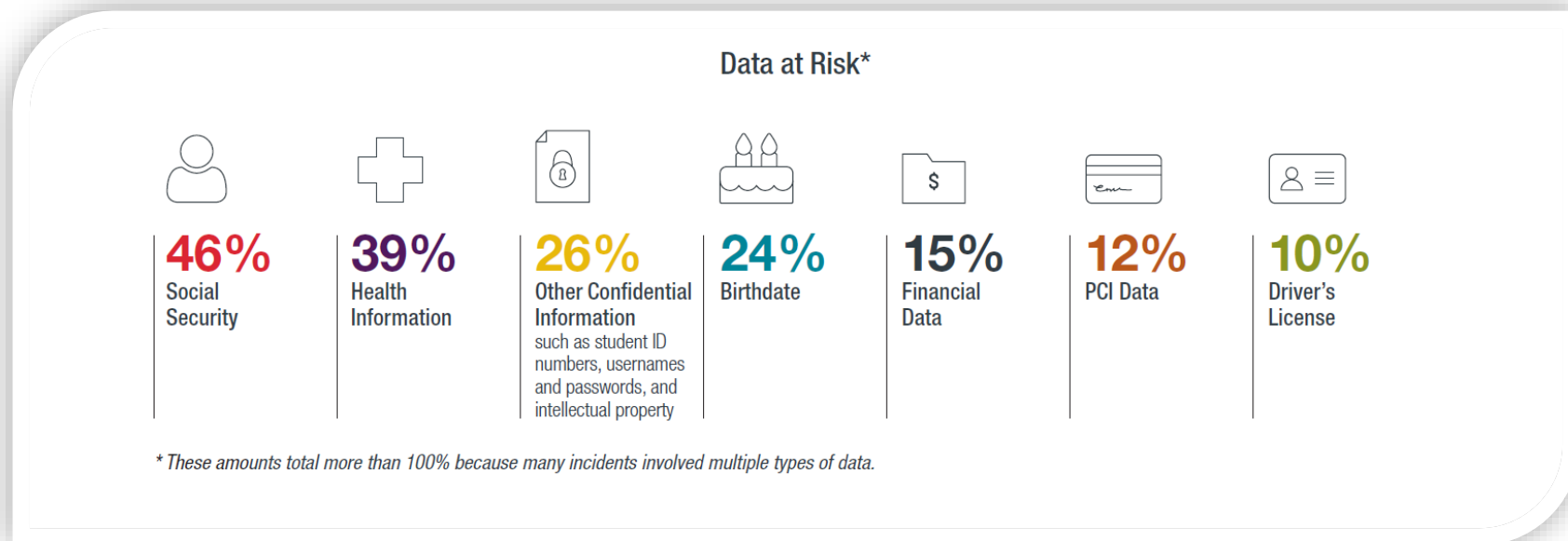
Network Intrusion Breakdown

19%
Network Intrusion

- 38% Ransomware
- 29% Other
- 17% Automated Information Exfiltration
- 16% Remote Access

Source: 2018 BakerHostetler Data Security Incident Response Report

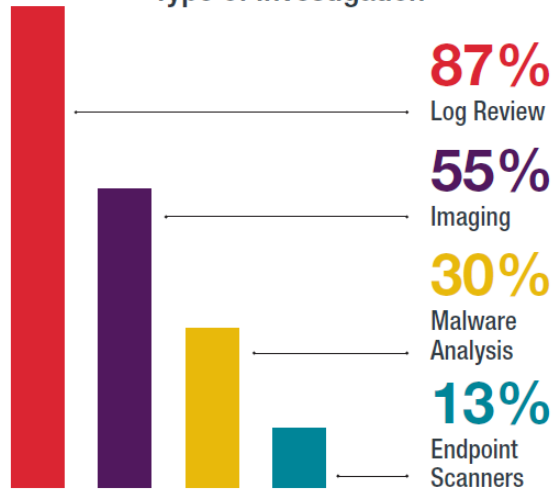
What Data is at Risk?



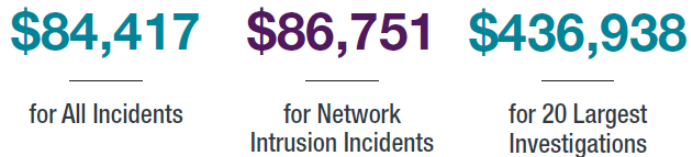
Some combination of this data in conjunction with a first name (or initial) and last name is generally the protected **personally identifiable information (PII)** by most state data breach statutes.

Forensic Investigations

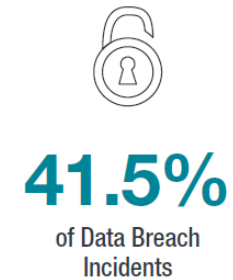
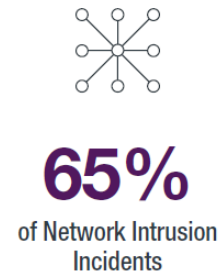
Type of Investigation



Forensic Investigation Costs



Use of Outside Forensics



Average Completion Time for Forensic Investigation

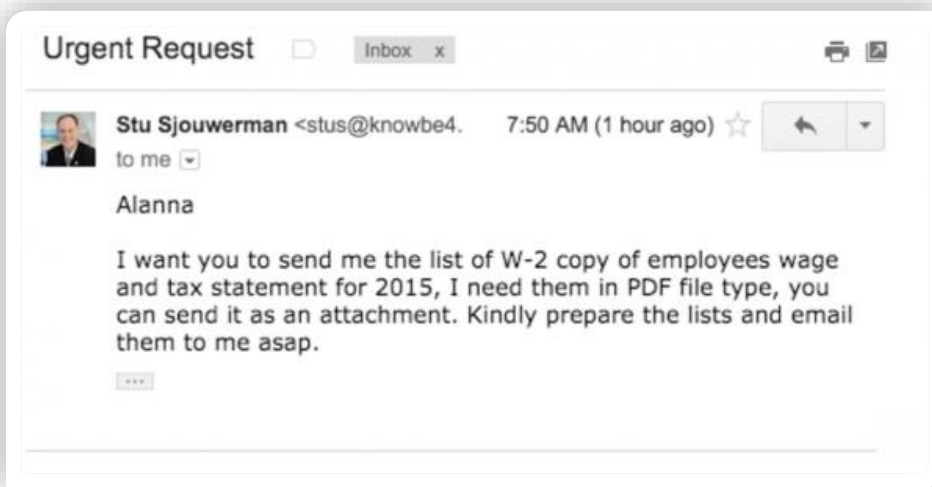


24%
Evidence of Data Exfiltration in Network Intrusion Incidents

Source: 2018 BakerHostetler Data Security Incident Response Report

W-2 & Business Email Compromise

- ❖ Hackers use emails from a target organization's CEO, asking human resources and accounting departments for employee W-2 information:

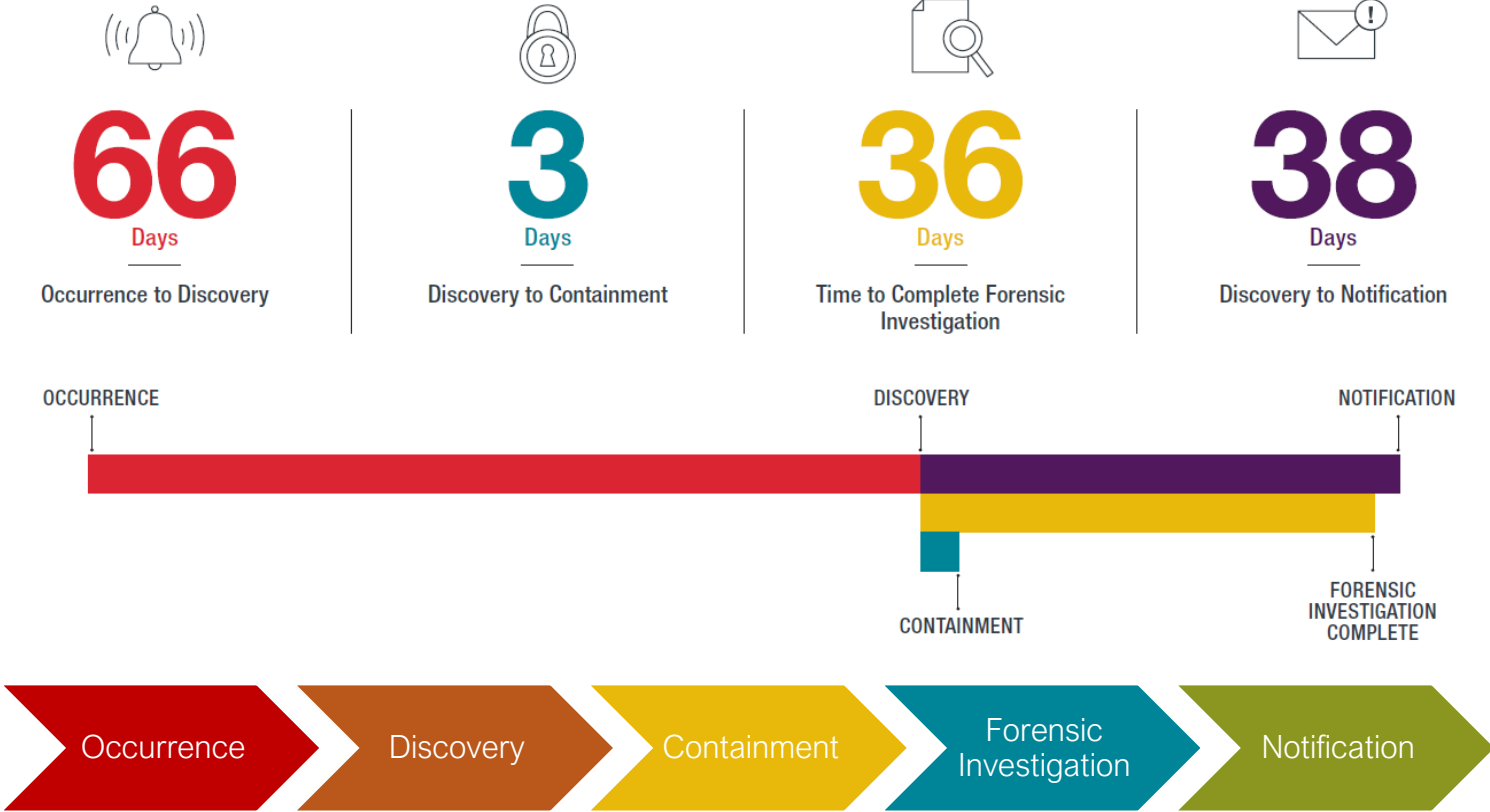


New Area Prone to Attack:

- ❖ In 2017, hackers phished online payroll management account credentials used by corporate HR professionals.



Incident Response Timeline



Source: 2018 BakerHostetler Data Security Incident Response Report

Questions



BakerHostetler

Atlanta
Chicago
Cincinnati
Cleveland
Columbus
Costa Mesa
Denver
Houston
Los Angeles
New York
Orlando
Philadelphia
Seattle
Washington, DC

www.bakerlaw.com