

# Data Breach 101—How to Avoid a Virtual Catastrophe

Presented by  
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# Today's objectives:

- **Understand** what a data breach is from a regulatory perspective
- **Explore** how a data breach can occur
- **Recognize** your privacy and data risk exposures and liabilities
- **Identify** some basic ways to assess, reduce and manage the risks

# What is a data breach?

Under state breach notification laws, businesses must notify customers, patients and/or employees if there has been a breach that exposes their Personally Identifiable Information (PII).



# What is a data breach?

## Personally Identifiable Information (PII) includes ...

- Social Security Numbers
- Driver's License/State Issued ID Numbers
- Payment Card Numbers
- Financial Account Numbers/Routing Info
- Health Information
- Biometric Data
- Secondary Identifiers  
(eg: mother's maiden name, date of birth, etc.)



# What is a data breach?

Depending upon the applicable state law, PII includes various forms of information/data. Examples include ...

- Digital and hard copy data (or paper files);
- Encrypted/unencrypted data;
- Data lost by the business; and
- Data lost by a third party vendor

# What is a data breach?

**Notice is required in 50 jurisdictions in the United States (51 laws including Federal HIPAA/HITECH notice requirements)**

- 46 states;
- District of Columbia;
- Puerto Rico;
- U.S. Virgin Islands; and
- Guam

# What is a data breach?

**The only states currently without a notification law are:**

- Alabama;
- Kentucky;
- New Mexico; and
- South Dakota

# Common ways a data breach can happen

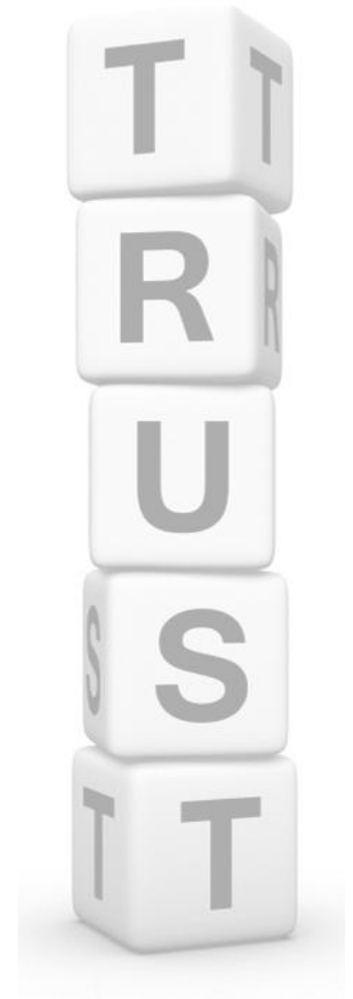
- Computer hacking
- Stolen or lost laptop or computer disks
- Stolen or lost paper documents / files
- Stolen credit card information
- Employee error or oversight





# What a data breach could mean for your business

- Loss of customer and/or employee trust
- Tarnished reputation
- Lost revenue



# State Data Breach Notification Laws

In addition to notification requirements, most states typically have (broad) language around the treatment, security and/or disposal of personal information wrapped up into their data breach notification regulations

# Self Regulatory Security Requirements

## Payment Card Industry Data Security Standards (PCI-DSS)

Set of security requirements and standards promulgated by the payment card issuers (Visa, MasterCard, Discover, American Express, and JCB) regarding the storage and security of payment card-related data.

# Immediate To-Do List (Assess Exposure)

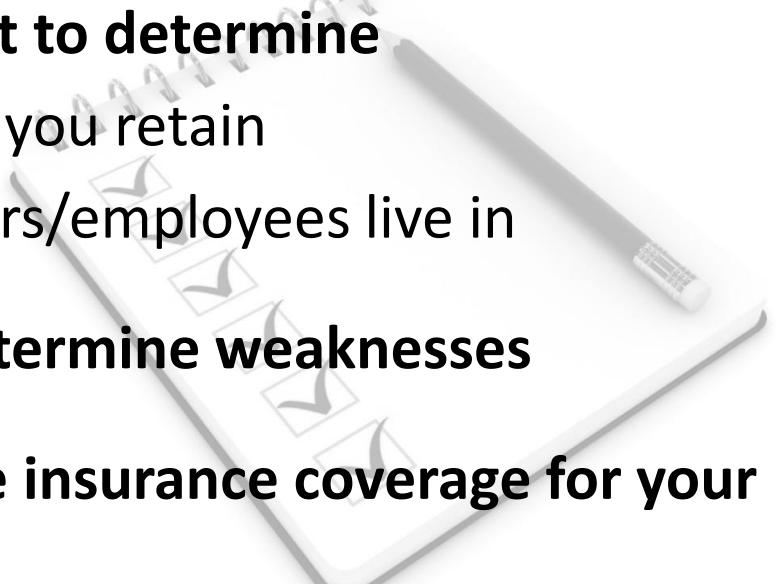
Consider the your business' "data footprint"

- What type of data is collected?
- From whom?
- From where?
- For what purpose?
- Who can access the data?
- Where is data stored, processed, etc?



# Immediate To-Do List

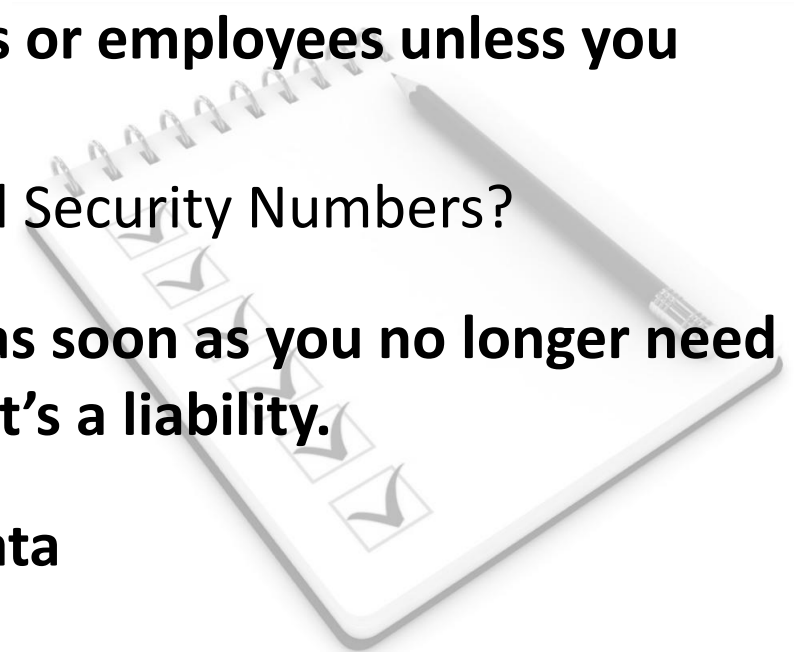
## Assess and Cover Risk

- **Complete high level “data” audit to determine**
    - Type of personal information you retain
    - What states do your customers/employees live in
  - **Complete a Security audit to determine weaknesses**
  - **Determine if you have adequate insurance coverage for your risk (eg: limits)**
- 

# Immediate To-Do List

## Help to reduce your risk or exposure

- **Don't collect data on customers or employees unless you need it**
  - Why are you collecting Social Security Numbers?
- **Get rid of any data you collect as soon as you no longer need it. It's toxic – it's not an asset; it's a liability.**
- **Encrypt any private personal data**



# Immediate To-Do List

## Documentation / Programs

- Written Information Security Program
- Breach Response Plan
- Business Continuity Plan
- Data/Document Retention and Destruction Plan
- Data Security and Privacy Awareness Program



# Immediate To-Do List

## Documentation / Programs

*Develop a “privacy framework” for your business that fits from a:*

- philosophical standpoint;
- business standpoint; and
- an operational standpoint





# For more data breach-related information ...

Visit [www.aahainsurance.org/](http://www.aahainsurance.org/) to get information on how to protect your practice with data breach insurance coverage and services. You will also receive a follow-up email with additional resources.



# IDentityTheft

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**Thank you!**

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