



# The Cyber <> Fraud Connection

Matt Meis

Help you get a big  
win with you  
company!

Preferably by working collaboratively with other teams.

# About Me

- Recently a Threat Hunter at a financial institution



- Currently an IT Security Instructor with Mid-State Technical College

- Current Secretary of InfraGard WI

- Cofounded DomainAlarm with Ryan Victory



Based in Stevens Point, WI

# Agenda

- Why work with Fraud?
- A Match Made in Defender Heaven
- Corporate Buy-in
- Personal Risk Reduction techniques



# Survey

- Who is in a large siloed organization?
- Who has a fraud team or other team that works with financial transactions?
- Who here has worked with fraud teams or data before?
- Who is a manager?

# Why Work With Fraud?

or Marketing...

Cybersecurity is about  
**Reducing Risk and  
Supporting the Business**

So is Fraud





# Fraud and Cybersecurity Similarities

We are dealing with the same adversaries

We are protecting the same customers

We need similar data



# Shared Threats for Fraud and Cyber



Great data in the IC3 report: [https://www.ic3.gov/Media/PDF/AnnualReport/2022\\_IC3Report.pdf](https://www.ic3.gov/Media/PDF/AnnualReport/2022_IC3Report.pdf)

# Side note: History of Phishing

- Spanish Prisoner 1800s
- Nigerian Prince Faxing 1980s
- Modern Phishing Emails

Barcelona 21/2/1834

Dear Sir.

Being imprisoned here by bankruptcy I beseech you to help me to obtain a sum of 360,000 Dollars I have in America being necessary to come here to raise the seizure of my baggage paying to the Registrar of the court the expenses of my trial and recover my portmanteau containing a secret pocket where I have hidden two cheques payable to bearer for that sum.

As reward I will give up to you the third part viz 120,000 Dollars. I cannot receive your answer in the prison but you can send a cablegram to a person of my confidence who will deliver it me addressed as follows:

Daniel Planas

Listra Conces 77

Tripoll (Spain)

For: Blackie

Awaiting your answer to instruct you all my secret now sign only

*[Signature]*

First of all answer by cable, not by letter.

# Additional Opportunities



Uncover  
new  
threats to  
your  
business

Stop  
Human  
Trafficking



Polaris  
Project

<https://polarisproject.org/human-trafficking/>



# A Match Made in Defender Heaven

Fraud and Cybersecurity

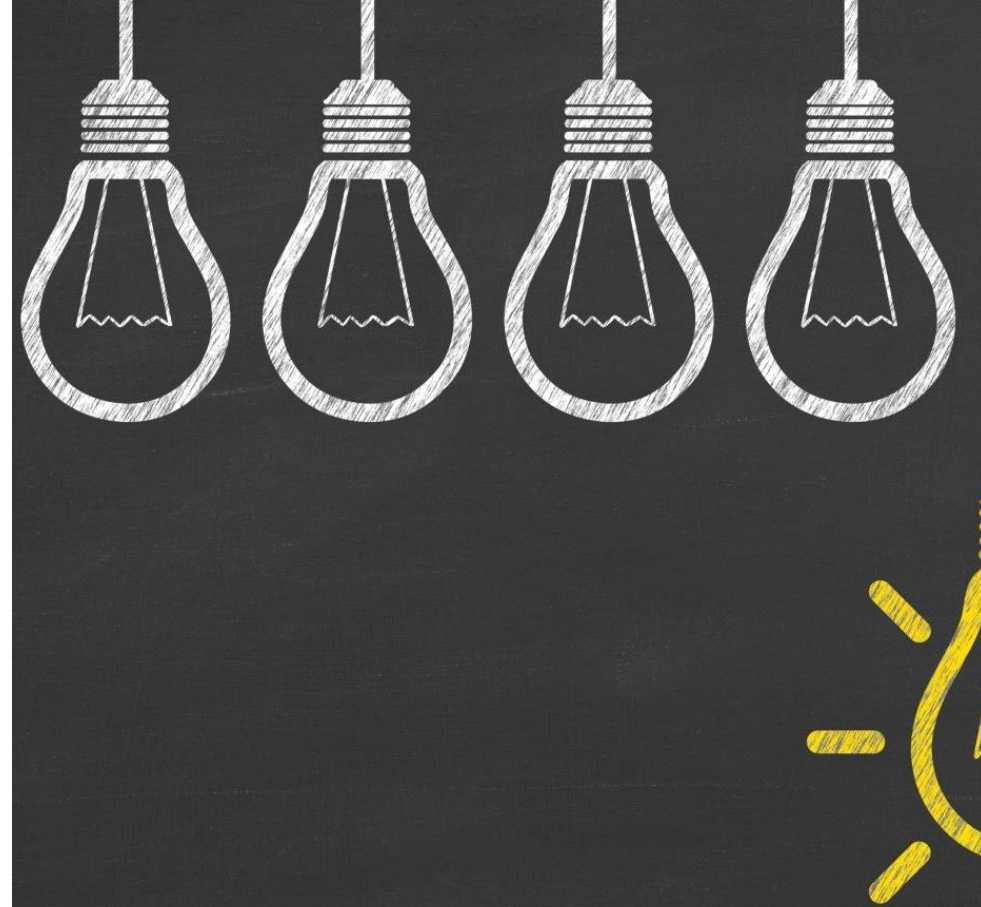


Perfect world



# What are some outcomes of this Collaboration?

- Leveling Up your Relationships
  - Access to new people in the company
  - This brings access to their resources too
- Leveling Up Your Detection Game
  - User Behavior Fingerprinting
  - Phone system security
  - Threat Hunting





# How do we get to Defender Utopia?

Reach  
Out to  
Another  
Team



Start by reaching out



Sharing of Resources

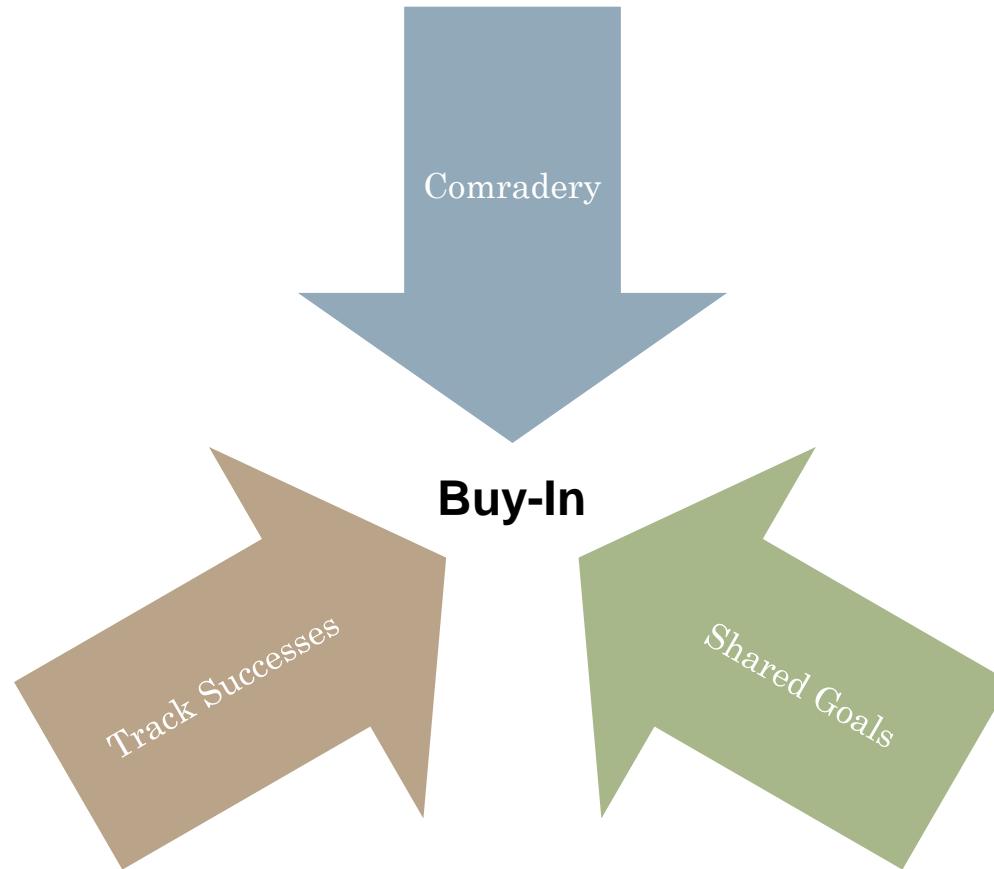


Communication at all levels



Big Wins

# Getting Corporate Buy-in



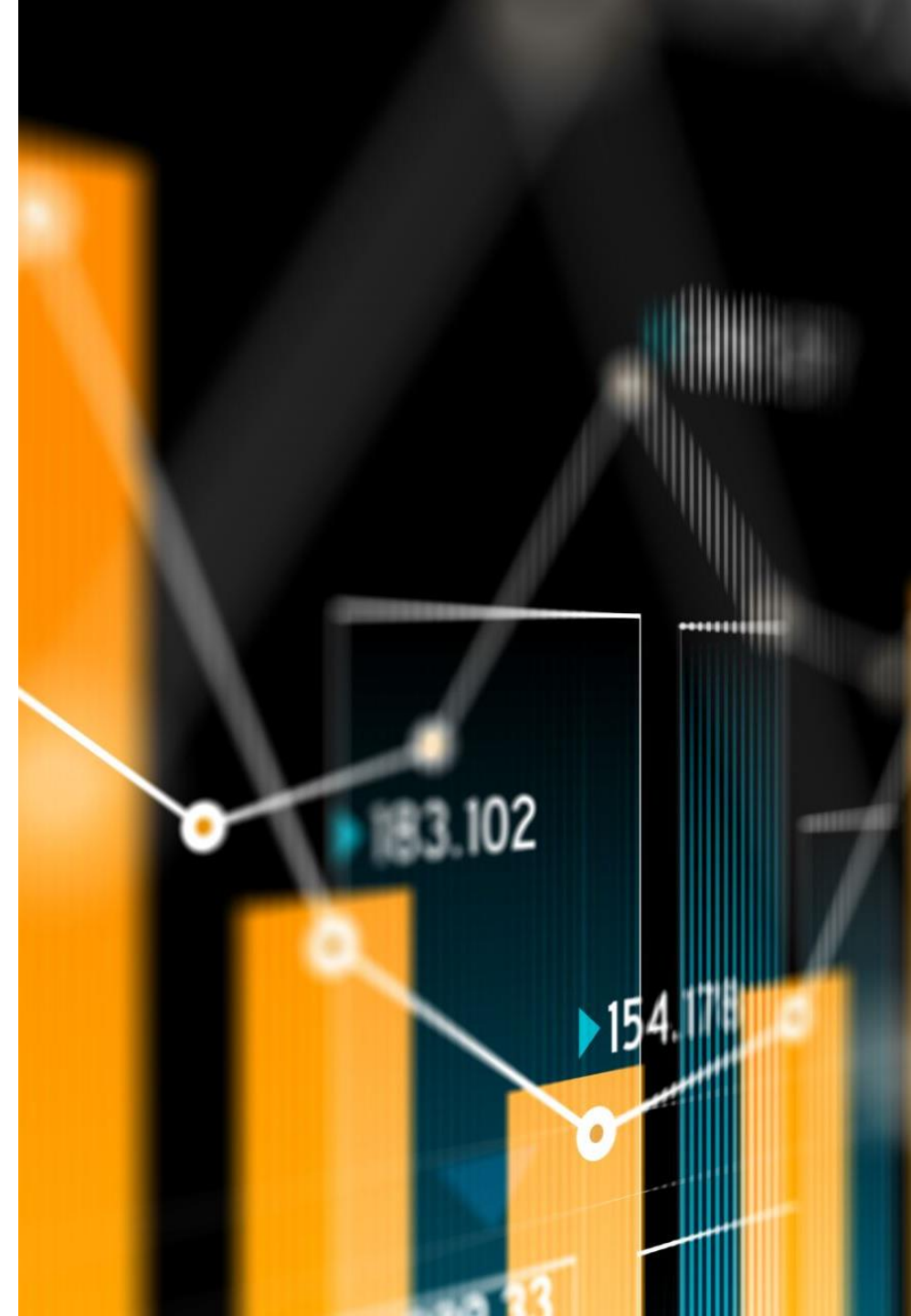


# Example #1: Fraud <> Cyber

- Start of Collaboration
  - Cyber and fraud mixer event
- Getting Buy-In
  - Share data via email once a week
- Implementation Phase
  - One data source from each team is fully integrated into the other team
- Results
  - Referrer monitoring win

# Example #2: Marketing <> Cyber

- Start of Collaboration
  - Invite Marketing to help plan an event
- Getting Buy-In
  - Help with new tracking cookie implementation
- Implementation Phase
  - New user tracking system
- Results
  - Bots are detected and stopped



# Go Collaborate!

You never know when a new corporate connection will end up being your partner in fighting crime

# Personal Risk Reduction

Tips, Tricks and Resources



Just Do  
It



### **my Social Security**

Securely access information from your Social Security record, including earnings history and estimates of your retirement, disability and survivors benefits.

### **Business Services Online**

Organizations, businesses, employers, attorneys, non-attorneys representing Social Security claimants, representative payees and third parties can exchange information securely with Social Security.

### **Government Services Online**

Government agencies and authorized individuals can conduct business and submit confidential information securely to Social Security.

# Social Security Account Creation

[ssa.gov](https://ssa.gov)



# Opt Out!

- FTC has many ways to opt out of email, mail and phone communications.
  - <https://consumer.ftc.gov/articles/prescreened-credit-insurance-offers>
- Credit and Insurance Offers: [optoutprescreen.com](https://optoutprescreen.com)
- Do Not Call Registry: [donotcall.gov](https://donotcall.gov)
- Physical Mail and Email Opt Out: [DMAchoice.org](https://DMAchoice.org)

# Freeze Your Credit



NATIONAL  
CONSUMER TELECOM  
& UTILITIES EXCHANGE

# USPS Mail Images

- [USPS Informed Delivery](#)

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Digitally preview your mail and manage your packages scheduled to arrive soon! Informed Delivery allows you to view greyscale images of the exterior, address side of letter-sized mailpieces and track packages in one convenient location.\*

\* Images are only provided for letter-sized mailpieces that are processed through USPS' automated equipment

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### 1. Create Your Account

Use your personal *USPS.com*® account or sign up for one today.



### 2. Verify Your Identity

Protect your privacy and personal information by verifying your identity and address.

[Sign Up for Free](#)



### 3. Receive Notifications

View notifications from any smartphone, tablet, or computer.

# ID Theft Insurance

**113%**

**Increase in  
ID Theft Complaints**

**1.2 million**










**Complaints in  
2022 vs 651,000 in 2019**



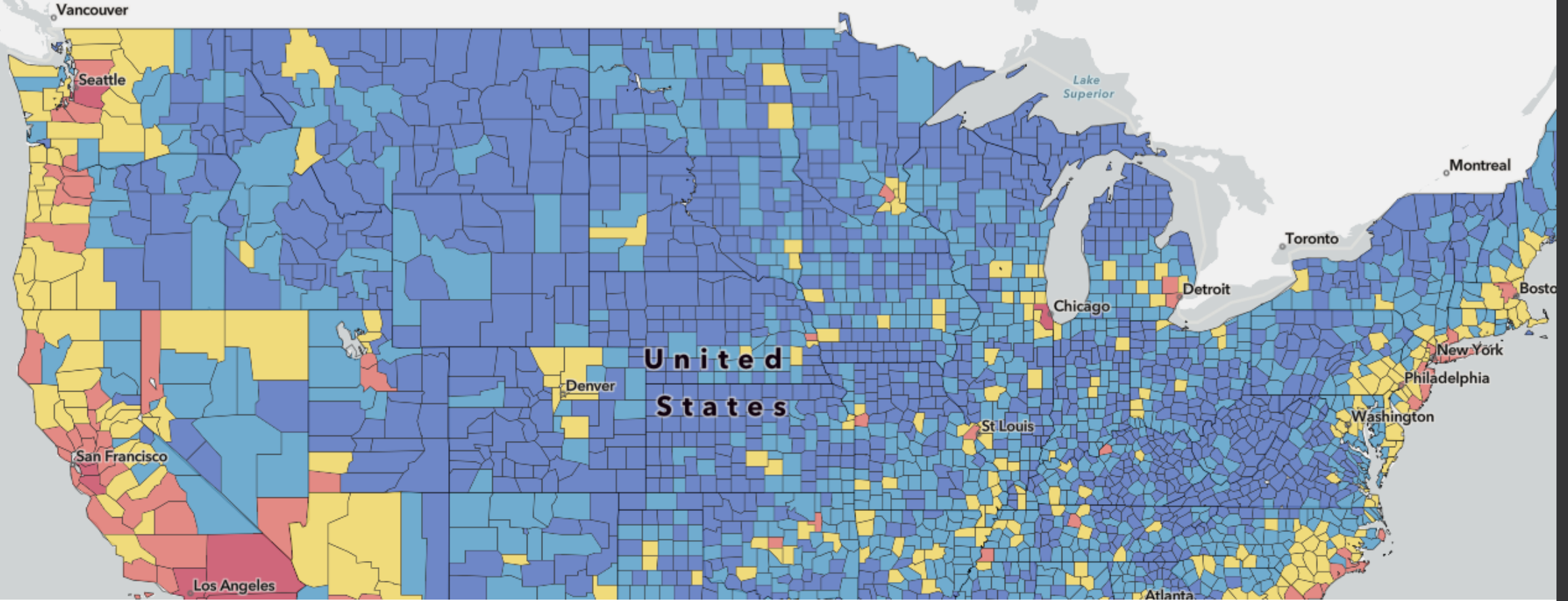
# Travel Safe

- Free travel advisories from the US government for US Citizens to help keep you safe while traveling overseas.

- <https://travel.state.gov/>

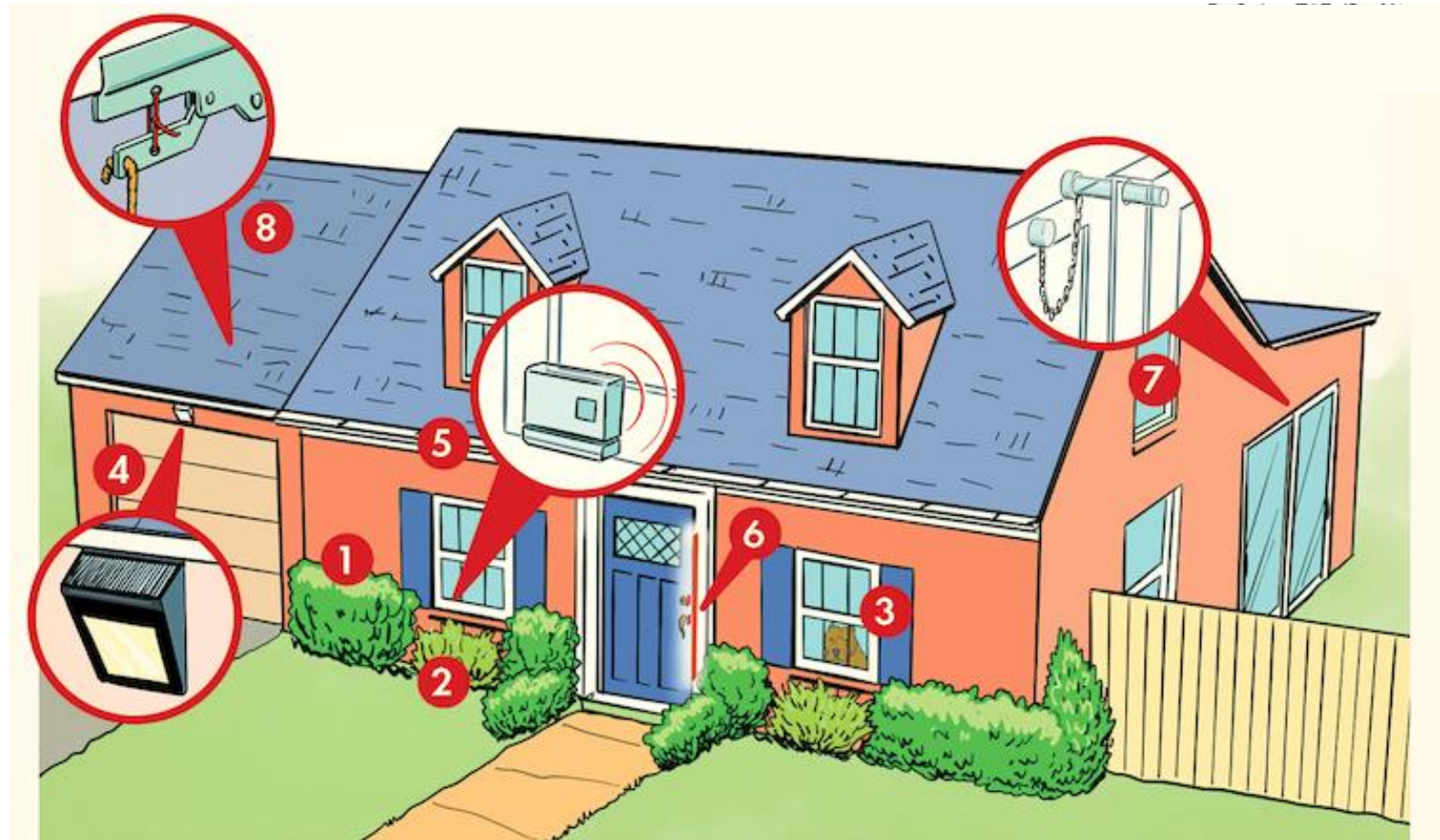
 Get a U.S. Passport	 Find International Travel Information	 Get U.S. Visas
 Please enroll in <b>step.state.gov</b> to receive alerts & ensure you can be located in an emergency		 Contact the nearest U.S. Embassy or call <b>1-888-407-4747</b> (U.S./Canada) or <b>+1-202-501-4444</b> (overseas).
 Learn About Adopting a Child to and from the U.S.		 Protect a Child from Parental Abduction to or from the U.S.
 Replace Life Event Documents Issued by the U.S. Department of State		 Certify your Document for Use Overseas





# Risk Map

- Fema Risk Map
- <https://hazards.fema.gov/nri/map>



## Cheap Home Security

1. **Thorny bushes**
2. **Door Strengthening**
3. **Harden your garage door**

# Watch Your Back

- Can look for your information on the web
- Great tool:
  - Have I been pwned site: <https://haveibeenpwned.com/>




Want to Learn More?!

- Weekly Newsletter with security news, tools, and discussions
- SecFraudOps Newsletter: <https://secfraudops.substack.com/>
- Contact Matt:
  - [matt@meis.us](mailto:matt@meis.us)

# Appendix



A photograph of a hotel hallway with a patterned carpet and a door on the left. The hallway is long and narrow, with a repeating pattern of doors and windows on the right side. The carpet has a light-colored geometric pattern. The walls are a neutral color, and the ceiling has recessed lighting. The overall atmosphere is clean and modern.

# Are Password Managers Safe?

- Short Answer = YES
- Longer Answer = Let's talk about hotels...





Want to Learn More?!

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- Contact Matt:
  - [matt@meis.us](mailto:matt@meis.us)