

INSIDER

THREATS

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Who am I

- 21 years in IT
- The last 11 years focused on information security
- Today I'm managing the information security function of a multi-hospital system based in Berks County
- Competitive bird watcher. Ranked #2 in the Eastern Cape of South Africa in 2020

What is an insider threat

An insider threat is a malicious threat to an organization that comes from people within the organization, such as employees, former employees, contractors or business associates, who have inside information concerning the organization's security practices, data and computer systems.

Things to remember

- Insiders are not technical hackers
- Insiders have different motivations
- You can deter insider attacks

She gets 30 mos. in jail for embezzlement, fake terrorism claims

by [MICHAEL HINKELMAN](#), hinkelm@phillynews.com 215-854-2656, Posted: June 22, 2010

A Berks County woman was sentenced yesterday to 30 months in a federal lockup for sending a false letter to the CIA alleging that her husband's co-worker had terrorist links and for embezzling \$26,341 from the school district for which she worked.

Why San Francisco's network admin went rogue

An inside source reveals details of missteps and misunderstandings in the curious case of Terry Childs, network kidnapper

Engineer admits he wiped 456 Cisco WebEx VMs from AWS after leaving the biz, derailed 16,000 Teams accounts

Switchzilla's cloud infrastructure trashed. And his new employer doesn't want to fire him

NEWS ANALYSIS

Twitter VIP account hack highlights the danger of insider threats

Ex-bank executive from Exeter Township sentenced to jail for embezzling

The 45-year-old asks for leniency so he can support his family. He stole almost \$800,000 from work and then paid it all back.

By **Mary E. Young**
Reading Eagle

Originally Published: 2/24/2010

Berks County, PA -

Ex-National Penn Bank officer charged in \$4.4 million embezzlement scheme

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Reading Eagle
Peter J. Bubel

Transferred embezzled funds to relatives, prosecutors say

By **Steven Henshaw**
Reading Eagle

Ex-church treasurer embezzled \$391,000 from Laureldale congregation, detectives say

By Steven Henshaw shenshaw@readingeagle.com @StevenHenshawRE on Twitter Mar 4, 2020 Comments

Originally Published: 12/21/2012

Former officer of Spring firm embezzled more than \$200,000, authorities say

Former cop embezzled more than \$90,000 from police social club, officials say

By Steven Henshaw
Reading Eagle

Ex-Berks official sentenced to federal prison for embezzling

By Holly Herman
Reading Eagle

Judge gets jail for stealing \$100K from fire company

Updated Jan 05, 2019; Posted Nov 07, 2017

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[Reading Eagle: Susan L. Angstadt](#) [+ MORE](#)
John J. Masciotti

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Elba "Ellie" Antoine



By [Barbara Miller](#) | bmiller@pennlive.com

A Berks County district justice will be spending time in jail for [stealing \\$100,000 from a volunteer fire company and mishandling \\$15,000 in his office.](#)



What did they all have in common

- Means
- Motive
- Opportunity

What motivates them

- Money (75%)
- Revenge/emotions
- Ideology

Red Flags

- Will not document processes
- Insistence that having others involved will mess up their work
- Stalling when asked for financial statements, cancelled checks, or invoices
- Works all the time and never takes a vacation or insists on working while on vacation

Red Flags

- Has a lifestyle that exceeds their earnings
- Gamblers
- Financial difficulties
- Unusually close relationship with a customer or vendor

Deter

- Never let anyone reconcile their own work
- Audit, audit, and audit again
- Segregate duties, rotate jobs, mandate vacations
- It's all about the background

You've caught an insider

- Engage law enforcement and prosecute
- Terminate and cut off all access
- Don't work out a deal for reimbursement in exchange for not pressing charges
- Issue a 1099-MISC

Resources

- Chamber of Commerce
- FBI
- SBA.gov
- Work with an experienced accountant
- Enlist the services of a firm specializing in cyber security

Questions?

Or just watch me sit here in
awkward silence

