Cybersecurity Starts With You!



CCFO/CMFO Training Event

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Disclaimer

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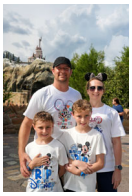
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About Me

Lauderdale County Tennessee

UNION UNIVERSITY

Caring Hearts. Helping Hands. Changing Lives.





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About Us



Jason Mumpower
Comptroller



Bryan Burklin
Director

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IS Audit Staff



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Objectives

- Recognize cyber threats
- Build safer online habits
- Protect your accounts
- Use AI responsibly
- Know when and how to report concerns

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What is BEC?

- Business Email Compromise
- Email fraud using impersonation

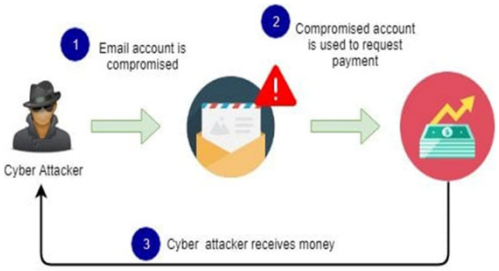


- Often involves payments or sensitive data
- Designed to look legitimate

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How BEC Works



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Email Spoof

mayor@madisoncountytn.gov

Often built using real names, emails, & publicly available information

financedirect0r@yahoo.com

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Common BEC Tactics

- Unexpected payment requests
- Requests for sensitive information
- Urgent emails or messages
- Unexpected links or attachments
- Messages from someone you know or trust

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Tennessee School District Duped Out of $3.4 Million in Curriculum Vendor Scam

Tuesday, October 1st, 2024 | Education & Training | Fraud | Litigation | Technology

A rural school district in Johnson County, Tennessee, was scammed out of $3.4 million in a sophisticated business email compromise (BEC) fraud. The district's finance director received fraudulent emails from someone posing as a representative of Pearson, a well-known curriculum vendor, using a misleading email address. The finance officer, believing the email to be genuine, arranged two wire transfers totaling $3.36 million to an account set up by the scammer.

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City of Smithville victim of cybersecurity scam regarding purchase of fire truck

Dec 19, 2025
Dwayne Page

Less than a month after a vote by the Smithville Board of Mayor and Aldermen to purchase a 2014 fire truck for $425,000 from Cyress Creek Texas, the City of Smithville has fallen victim to a cybersecurity scam in which $425,000 of the city's money intended to purchase the fire truck through an email-based wire transfer was stolen. When the cybersecurity crime was discovered city officials notified the state comptroller, the District Attorney General, and the Tennessee Bureau of Investigation.





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The Covington Leader

Serving Tipton County since 1886

Tipton County Schools hit by data breach

Employee W-2 information sent to scammer

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Why Do These Attacks Work?

- They looked legitimate.
- They created a sense of urgency.
- They relied on trust.
- Someone acted before verifying.

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Reading a Web Address

The 'S' Means Secure

🔒 HTTPS = Connection is encrypted

HTTP = Connection is <u>not</u> encrypted



⬆️ Look for 🔒

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Reading a Web Address

- Step 1: Find the first single /
  - https://www.regions.com/login
- Step 2: Find the site name
  - https://www.regions.com/login
  - https://www.regions.net/login

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Reading a Web Address

- Step 3: Find the actual destination

https://regions.com.notregions.info/login

What catches your eye Real website

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Could This Be Your Password?

- Password123!
- Welcome1
- Fall2026!
- GoVOLS1

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Passwords – Dos and Don'ts

DO

- Use unique passwords for every account
- Create long, memorable passwords
- Enable multi-factor authentication

DON'T

- Use personal or widely known information
- Save passwords in your browser
- Write down or 'hide' your password

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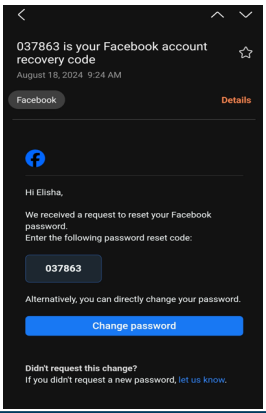
Multi-Factor Authentication (MFA)



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MFA In Action



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AI: A Powerful Tool

AI is great for:

- Brainstorm ideas
- Drafting email or letters
- Summarizing information
- Improving grammar and writing
- Creating outlines or checklists

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Think Before You Paste

Never share:

- Public records
- Personnel files
- Social Security numbers
- Passwords
- Financial information
- Confidential information

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Is this a normal request?

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Don't Get Tricked

- Pause…then verify
- Think before you click
- Watch for urgency
- If it feels wrong…ask.

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If This Happens, What Do You Do?

- Report it immediately
- Notify your IT department
- Contact your bank, if necessary
- Document what happened
- Report fraud to the Comptroller's office by calling 1-800-232-5454

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