PenTeleData®

THE
NetworkGuy

What's Inside...

I'm I.T.

What is Vishing?

Vishing is short for "voice phishing," a type of cyberattack that uses calls or voice messages designed to trick victims into providing sensitive information, such as financial or login credentials. These details can then be used for criminal activities such as fraud, identity theft, or financial theft. Callers pretend to be from a reputable organization or authority with a story you're likely to believe.

These attacks aren't limited to phone calls. Many vishing attacks start with a phishing email, urging the recipient to dial a number. Once in a call, scammers use social engineering tactics to convince the target to share their personal details.

Defending against vishing attacks requires vigilance:

> Avoid answering unknown callers.

> Verify the caller's identity.

> Don't share personal information.

> Register for the Do Not Call list.

> Report suspicious calls to local law enforcement or the Federal Trade Commission.

> Implement strong authentication with unique and complex passwords and Multi-Factor Authentication.

Learn from The Network Guy

How do I choose a good antivirus software for my computer?

The Network Guy:

That's a great question! Since antivirus software is very important, there are a few factors to consider when deciding which one to use:

Effectiveness – Antivirus software runs scans for known viruses and malware, watches for suspicious websites, offers ransomware protection, and monitors unexpected behaviors for a signs of viruses or malware. You want software that does all of this effectively, without flagging too many false positives.

Privacy – Security companies post their privacy policies on their websites. Be sure to read about how they intend to use the information you share.

Cost – Before you buy, check the company's website for packaged options, such as for multiple computers, or discounts.

Computer Resources – If, after you install the program, websites open slowly, apps download or open sluggishly, or files take longer than expected, you may want to consider another service that won't tax your computer.

The Network Guy Quiz Challenge

PenTeleData is giving one lucky winner a $150 Amazon Gift Card. Just visit **www.ptd.net/quiz-challenge** by **November 30, 2024** to answer the contest question. We will select a winner at random from all correct entries. **Good Luck!**

Click the Quiz Challenge link to learn what Vishing is and what ways it can be prevented.

I'm I.T.

Things That Make You Go Hmmm...

Technology is rapidly evolving, so a number of new job roles are becoming increasingly in demand. Here are some that you may not have heard of before:

AI/ML Engineer – Designs algorithms and models for artificial intelligence and machine learning applications.

Cloud Solutions Architect – Implements and develops cloud structure for corporate environments.

IoT Expert – Develops and manages solutions for IoT (Internet of Things) by integrating devices and systems for better connectivity and data gathering.

Data Scientist – Analyzes complex data to help organizations make data-driven decisions.

AR/VR Developer – Builds augmented and virtual reality applications to enable user experiences.

Blockchain Developer – Develops and upholds applications on the blockchain with development of smart contracts and cryptography.

Security Architect – Protects the systems and networks of an organization from cyber threats and attacks.

Robotic Process Automation Developer – Designs solutions to automate business processes and improve inefficiency sometimes typical of human operations.

Quantum Computing Research Scientist – Researches quantum computing to develop new algorithms and applications.

> *"I choose to run towards my problems, and not away from them. Because that's what heroes do."*
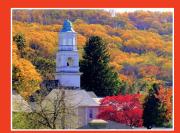>
> *– Thor, Thor: Ragnarok*

PenTeleData is Proud to Serve Emmaus, PA

Emmaus, Pennsylvania is a quaint historic community of 11,500 nestled on the northern slope of South Mountain. It lies 50 miles north of Philadelphia and 20 miles west of the Delaware River. Formed in 1759 as a closed Moravian village on land owned by the church, Emmaus became incorporated as a Pennsylvania borough a hundred years later in 1859. The arrival of the railroad in the same year expanded the town's opportunity for manufacturing and other business. Its initial industries included iron mining, iron furnaces, a foundry, and a machine company. In the late 1800s, additional industries included silk manufacturing, cigar factories, bottling companies, and others.

In the first half of the 20th century, Emmaus significantly expanded its borders through a series of annexations of land that was previously part of Salisbury and Upper Milford Townships, which broadened the opportunities for residential development. By the 1960s, the Borough reached its current size and completed infrastructure improvements that modernized Emmaus into a full-service municipality with a comprehensive park system, municipal water and sewer service, highway and police departments, and public library.

Today, Emmaus is a vibrant community with a diverse mix of residential, commercial, and light industrial uses. It is a hub of productivity in southwestern Lehigh County that offers a variety of housing opportunities in a true community atmosphere.

Source: https://www.emmauspa.gov/216/History-of-Emmaus

PENTELEDATA IS PROUD TO SUPPORT

our local ice hockey teams, including the Lehigh Valley Phantoms and the Wilkes-Barre/ Scranton Penguins! We wish them both winning seasons.

PenTeleData is Hiring!

If you're looking for a career with a great team, consider PenTeleData!
To see our job openings, visit us at www.ptd.net/careers.

We are an equal opportunity employer.