

THE NetworkGuy

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PRIORITIZE THE SECURITY OF YOUR HOME NETWORK

Home networks are hacker magnets. You can help protect yourself with these basic steps:

- Use strong passwords and use a password manager.
- Change the default passwords on your router.
- When accessing public Wi-Fi, use a Virtual Private Network (VPN).
- Enable and use a firewall and antivirus programs. Be sure to keep current with software updates.
- Enable multifactor authentication (MFA) everywhere, especially in your email and any accounts that hold or store your financial information.
- Use built-in parental control router features or apps to limit kids' access.

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, 2025** to answer the contest question. We will select a winner at random from all correct entries. **Good Luck!**

Click the **Quiz Challenge** link and select the right steps to help protect your home network.

Learn from The Network Guy

What do I need to know about lithium-ion batteries for my electronic devices?

The Network Guy:

That's a good question. Here are a few fire safety tips you should know about these batteries:

- > Before purchasing, look for a Nationally Recognized Testing Laboratory stamp on the packaging and product.
- > Always use the charger provided by the manufacturer for the device being charged.
- > Do not overload outlets. Using multipoint adapters or power strips on an outlet may result in overheating and a potential fire hazard.
- > Charging devices should be plugged directly into an outlet and not into extension cords or multipoint adapters.
- > When in doubt, have a professionally licensed electrician test your existing circuits to ensure safe use.
- > To properly dispose of batteries, place tape over battery ends and terminals to help prevent accidental discharges and potential fires.
- > Repairs to any lithium-ion battery packs should only be performed by a certified repair facility.
- > Do not place lithium-ion batteries in trash or recycle bins as they have the potential to ignite. Locate collection sites in your community and check with your local authorities to determine proper recycling methods for used batteries.

To learn more, visit www.usfa.fema.gov.

Things That Make You Go Hmmm...

77% of devices being used have some form of AI.

9 out of 10 organizations support AI for a competitive advantage.

AI is projected to contribute \$15.7 trillion to the global economy by 2030.

Only a third of consumers think they are using AI platforms, while actual usage is at least 77%.

Across age groups, the most common AI tech used on a weekly basis was virtual assistants like Siri and Alexa.

According to Forbes, the most common uses for AI in business are: customer service, cybersecurity and fraud management, digital personal assistants, customer relationship management, and inventory management.

The manufacturing sector will likely see the greatest benefit from AI, with a projected gain of \$3.8 trillion by 2035.

The most popular job postings for AI in 2023 were: data engineer, data scientist, data analyst, machine learning engineer, applied scientist, research scientist, and analytics engineer.

[\(https://www.nu.edu/blog/ai-statistics-trends/\)](https://www.nu.edu/blog/ai-statistics-trends/)



"It's not who I am underneath, but what I do that defines me."
~ Bruce Wayne (as Batman) in the 2005 film Batman Begins

PenTeleData is Proud to Serve Troy, PA

The Borough of Troy is located centrally near the western border of Bradford County. The Borough is entirely surrounded by the Township of Troy, as it is located centrally within the Township. The Fall Brook Creek flows from the east to the southern portion of the Borough. Major thoroughfares that allow easy travel through the Borough include Main Street, Elmira Street, and Canton Street, also known as Pa. State Routes 14 & 6.

The history of Troy, PA is rooted in its early settlement, influenced by its geography and the growth of the area. The location of the village became very important because of the businesses that were located there. The first settler of the Borough was Elihu Smead, although the exact date is unknown, it occurred prior to 1803. The first road opened in Troy in 1798. Troy Borough was formed in 1845 when it separated from the Township. The Gregory Inn, a former stagecoach stop built in 1822, is one of the area's early landmarks.

Because of the strategic location of Troy, it became a vital economic hub in the region. After an early lumber boom, dairy farming became the primary economic backbone of Bradford County. The Troy Sale Barn, built by local dairy farmers in the early 1920s, was a major cattle auction market for the dairy industry, which was a cornerstone of the county's economy.

The Endless Mountains Maple Festival is a well-known event held annually and celebrates the area's rich maple syrup tradition. In addition, the Heritage Village and Farm Museum preserves the area's farming and village history. It includes a variety of antique farm machinery and a living history village.



Tech Myth Buster

MYTH:

You need to fully discharge your wireless phone battery to keep it healthy.

FACT:

Modern lithium-ion batteries don't require full discharge. Partial charges are better, and keeping your battery between 20-80% optimizes its lifespan.

Thank you for Allowing PenTeleData to Keep You Connected

This Thanksgiving, we're thankful for YOU, our valued customer! It is our privilege to keep you connected to what matters most. We wish you a Turkey Day filled with abundance, good connections both online and offline, and a comfy pair of stretchy pants.