

THE NetworkGuy

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What is a Mesh Network?

A mesh network is a group of devices that act as a single Wi-Fi network to provide multiple sources of Wi-Fi instead of just a single router. The result is a blanket of wireless coverage that offers fast and efficient data routing – exactly what most of us need to reach all corners and levels of our homes.

That “blanket” of sorts typically includes several networking components: a main router that is connected directly to the modem and a series of satellite modules, or nodes, that are strategically placed throughout the home. They are all part of a single wireless network and share the same SSID and password. Since they use mesh technology instead of radio bands to communicate with each other, the mesh network allows extended Wi-Fi coverage. Besides benefiting large homes, homes with dead zones, and obstacles like metal-framed walls or doors, a mesh network also offers the ability to manage the network from everywhere. This includes setting parental controls, checking device and data usage, creating guest networks, and even pausing the network.

Many of our partners offer mesh network systems. For more information on their services, please contact the PenTeleData cable partner that serves your area.

The Network Guy Quiz Challenge

PenTeleData is giving one lucky winner a \$150 Amazon Gift Card. Just visit www.ptd.net/quiz-challenge by **March 31, 2024** to answer the contest question. We will select a winner at random from all correct entries. **Good Luck!**

Click the **Quiz Challenge** link and choose what is **NOT** true about a mesh network.



Learn from The Network Guy

How do I change my Wi-Fi password?

The Network Guy:

It's important to change the default Wi-Fi password when you first purchase a new router. If you don't, it's like buying a new house but never changing the locks – anyone with keys will have access to your home. In fact, anyone who has access to your router can even change the password and lock you out! Some experts also recommend changing the Wi-Fi password every 30-90 days as a safety precaution.

Changing the password depends on the brand router you own. If you are unsure how to change the password on your own, it is best practice to contact the router manufacturer or the user guide for assistance. Visiting the FAQ section of your manufacturer's website might provide the quickest answers.



Things That Make You Go Hmmm...

Since its launch in 2012, players have spent more than 73 billion hours (8.3 million years) playing Candy Crush.

Amazon has more than 200,000 robots working in their warehouses.

Bitcoin reached its highest price of \$64,863 in April 2021.

The name Google was originally meant to be spelled "Googol", which is a mathematical term.

There are 3.8 billion Internet users every day.

On average, each person has 2 to 8 connected devices.

About 25% of mobile apps are gaming apps.

More than 24 hours of video is uploaded to YouTube every minute.

"Just because someone stumbles and loses their path, doesn't mean they're lost forever."

– Professor X in X-Men: Days Of Future Past

PenTeleData is Proud to Serve Slatington, PA

Located across from Walnutport on the west side of the Lehigh River, Slatington, Pennsylvania became the center of the region's Slate industry. In its heyday, slate was used for everything from durable roofing shingles to chalk boards in schools. The Lehigh Slate Company's quarries, in and around Slatington, were among the largest in the U.S., and furnished some of the country's highest quality slate.



In 1737, Nicholas Kern was the first white settler in what would become Slatington. The Lenape Native Americans were already living along "Warriors Path," which would become Route 873. Kern established a sawmill shortly after arriving.

In 1756, Benjamin Franklin reported to Governor Morris that he had procured boards and timber from Kern's sawmill. In the 19th century two Welshmen, who recognized its properties and importance from being used in Europe, discovered slate. A quarry was set up in 1845, and, in 1847, a factory was erected. In 1864, Slatington was incorporated into a Borough of Pennsylvania; its first mayor was Robert McDowell. Historically, structural iron, knit goods, and silk were manufactured in Slatington, and there were abundant slate quarries in the area.

A large portion of Slatington's growth and success is also directly tied to the opening of the Lehigh Canal and the resulting ease of shipping. The town further blossomed when the railroad was built in the late 19th century. Today's traditional downtown, with large Victorian homes, is a reminder of the commerce generated by the canal, railroad, and slate industry. Elaborate slate roofs display the beauty of this local building material, which was once shipped as far away as British Columbia and used to adorn the capital building in the Canadian province. Slatington's streetscape artifacts are closely tied to the story of extraction, processing, transporting, and marketing of slate.

Notably, in 2010, the Fireman's Drinking Fountain and Slatington Historic District were named to the National Register of Historic Places. The Fireman's Drinking Fountain was dedicated in 1909 by Hose Company # 1, Slatington. The 12-foot-high statue was purchased from J. W. Fiske Iron Works, New York City, for \$700 and depicts a volunteer firefighter carrying a child on his left arm and holding a lantern in his right hand. The statue, located in the center of the Borough of Slatington, was intended to be symbol of volunteer service, vigilance, and humanity.

