

FAST CONNECTIONS

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Dear Valued Customer

As we approach the end of 2020, I want to personally thank you for trusting PenTeleData to serve your business, especially during this year of change. I know that many companies have faced several challenges, but one thing has remained steady: our commitment to doing our part to make your business a success. Please reach out if it's time to increase your bandwidth speed or upgrade your connections to meet the demands of the year ahead.

On behalf of our entire staff and our families, I wish you and yours a safe and happy holiday season.

Thank you for your business and continued support.

Jaime Mendes

Vice-President of Operations
PenTeleData

WORK PRODUCTIVITY APP

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OUR FAST CONTEST

Who is the first scientist to measure speed as distance over time?

One lucky winner will receive a \$150 Amazon gift card.

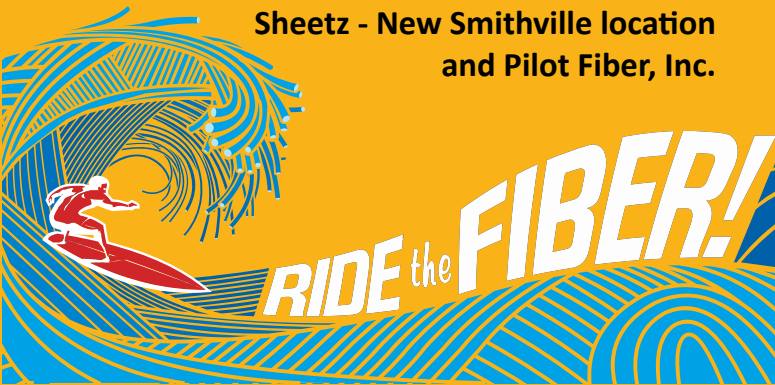
Rack your brain and figure out the answer to the brain teaser. Then send us an e-mail with your full name, address, daytime telephone number (where we can contact you), and the answer to the brain teaser below, to chat@corp.ptd.net All entries must be received by 12/31/20. Good Luck! PenTeleData

FAST CONNECTIONS

WELCOME ABOARD!

We appreciate the opportunity to serve companies who have chosen to ride PenTeleData's Fiber Network.

Welcome aboard to
Sheetz - New Smithville location
and Pilot Fiber, Inc.



WORK PRODUCTIVITY APP

Asana

Asana is the work management platform teams use to stay focused on the goals, projects, and daily tasks that grow businesses by making time for the work that matters most.

Asana aims to avoid the hassle of keeping track of multiple email threads by putting your team's project management and communications all in one place. Rather than coordinating over multiple messy email threads, Asana users can create projects, assign tasks to individuals, set deadlines, comments, requests and more. This way you can easily look up who is supposed to do what, check what's already been done, share ideas, comments and efficiently communicate with the entire team whether on Android, iOS or in the Web app. Asana offers multiple tiers of service, increasing the caps and unlocking more organizational tools.

For more information, visit www.asana.com

I.T. CORNER

Cellular Network Backup

Have you heard about Our Cellular Network Backup? If your business cannot function without data connections, even for short periods of time, a cellular modem from PenTeleData may be your solution! Cellular Network Backup is a reasonably priced, easy to deploy and manage solution for businesses that can benefit from a secondary access solution in the event of an Internet or WAN service outage. A cellular modem equipped router provides access to a wireless WAN network service at Verizon Wireless 4G LTE speeds for Internet or WAN connectivity.

Cellular Network Backup is a low-cost backup solution and can be more effective is maintaining uptime at remote locations. It's also a viable solution for when pulling cable through multi-tenant spaces is difficult.

- TurnKey Solution for \$64.95/month
- Includes Router, Full 24/7 Support and More
- Convenience with Peace of Mind
- Always On, Always There Internet

Learn more...call us today!

EXPLAIN THAT:

Growth of RAM

What do computers and human brains have in common? Both have different types of memory. Human memory has a short-term "working" memory and long-term memory. A typical computer has two types as well. There's a built-in internal memory (main memory), made up of silicon chips, also known as integrated circuits. It stores and retrieves data very quickly. Generally, internal memory is volatile, which means it forgets its contents as soon that the power is switched off. This is known as random access memory (RAM). Auxiliary memory, also known as external memory, is storage in a separate device, such USB flash drive, memory cards, CD/DVD ROMS, etc. These are known as read-only memory (ROM) and are a permanent type of memory, whether the power is on or off.

Today's machines have vastly more RAM than early home computers. The original Apple I, released in 1976, had 8KB of RAM. The iPhone 11 (a smartphone) was released over four decades later in 2020 with 8GB of RAM. Note the KB compared to GB and that's about half a million times more RAM! (Ever heard a dad tell his child to look up the answer to a question with the computer in their hand? He really isn't kidding!!)

