

# FAST CONNECTIONS

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## Dear Valued Customer

November is National Gratitude Month, so it's the perfect time to mention that all of us at PenTeleData appreciate that you have chosen us to serve your business. One of our greatest assets is being locally owned, not only because it allows us to make decisions faster and support our customers better, but also because it often gives us the opportunity to form relationships with many of our customers. Each one of you is important to us and our success depends on your success. How can we help your business? It's likely that you've made some changes over the last year, so I encourage you to reach out to your account representative or call us if you have any questions about your existing service or think it may be a good time to discuss how we can help your business grow in the New Year.

Thank you for your business and continued support.

**Jaime Mendes**  
Vice-President of Operations  
PenTeleData

## WORK PRODUCTIVITY APP

### Zoom

One of the leading video conferencing software apps on the market... **MORE >>**

## EXPLAIN THAT:

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Want to move your entire home from its current location to Australia? **MORE >>**

## I.T. CORNER

### Let Us be YOUR I.T. Team

Whether you have a small business or run a large organization, you need an I.T. Team... **MORE >>**

## DID YOU KNOW?

### Internet Security Stats

Check out some important stats about security and the Internet... **MORE >>**

## OUR FAST CONTEST

***Twista is considered the faster rapper, with his ability to rap how many words in a minute?***

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

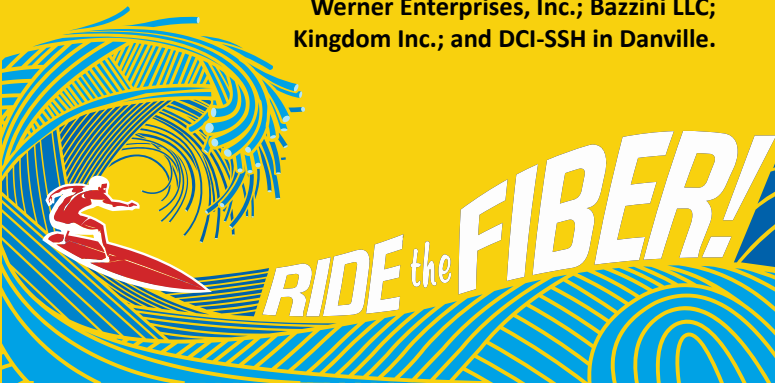
Rack your brain and figure out the answer to the brain teaser. Then send us an e-mail with your full name, address, daytime telephone number (where we can contact you), and the answer to the brain teaser below, to [chat@corp.ptd.net](mailto:chat@corp.ptd.net) All entries must be received by 11/30/20. 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 Morphy Auctions; Werner Enterprises, Inc.; Bazzini LLC; Kingdom Inc.; and DCI-SSH in Danville.



## WORK PRODUCTIVITY APP

### Zoom

If you are working from home, conferencing with family, or playing games online with a group, you've probably heard about Zoom, one of the leading video conferencing software apps on the market. It allows you to virtually interact with family, friends, co-workers or employers when in-person meetings aren't possible. This makes telecommuting seem much more human, as it helps you feel connected. Zoom has become an essential tool for small-, medium-, and large-sized teams that want to keep in touch and continue their daily workflows with minimal disruption.

To learn more, including their newest privacy updates and policies, visit [www.zoom.us](http://www.zoom.us)

## I.T. CORNER

### Let Us Be YOUR I.T. Team

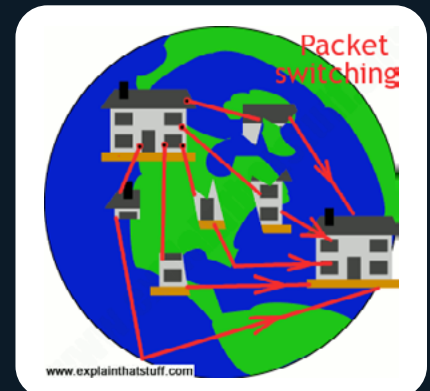
Whether you have a small business or run a large organization, you need an I.T. Team, but you don't necessarily have to have additional staff on your payroll. PenTeleData I.T. Services can help! From planned maintenance and equipment sales to virus protection and WiFi setups, with minor computer issues to complex virtualized server environments, we can personalize the solution your company needs.

The next time you need assistance for anything computer, networking or security related, give us a call at 1-877-610-9090 or visit [www.penteledata.net/IT](http://www.penteledata.net/IT).

## EXPLAIN THAT:

### Packet Switching

Imagine that you wanted to move your entire home and its contents from its current location to Australia. Instead of deer in your backyard, you want to watch kangaroos. It might be a nightmare to coordinate moving an entire house and everything inside as one unit. It's not like you could close the



roads and move everything at once. And what about getting everything across the ocean in one piece? Instead, you'd probably pack everything in smaller parts. The same is true of packet switching. Instead of trying to send data in one file, as used in traditional circuit switching dial up connections, packet switching sends data in tiny pieces. Each packet is tagged with its ultimate destination and travels separately. When they reach their destination, they are reassembled. It's like dismantling your home and sending each brick in a numbered envelope to be mailed separately. Some might travel by ship, some by air. You don't care because all that matters is that the bricks arrive at the destination. Once there, you can put them back together to recreate your home. At the same time, mailing the bricks wouldn't interrupt other people from transporting their items. All pieces of mail could travel in parallel over separate routes and still arrive quickly. This is how packet switching works. When you send an email or browse the Web, the data you send is split up into lots of packets that travel separately over the Internet. Packets can flow by many different routes, depending on which ones are quietest or busiest, so the whole network is used more evenly, resulting in quicker communication all around.

## DID YOU KNOW?

- > The cost of cybercrime damages will cost \$6 trillion annually by 2021, up from \$3 trillion a year ago.
- > One out of every 131 emails contain malware such as phishing attacks and ransomware.
- > The most hacked Content Management System is WordPress, with over 90% of all hacking attempts.
- > Over 40% of cybercrime attacks target small businesses.

