

photo by Michelle Roder



January 2018

RINGER

Happy 2018



Understanding Your Internet Connection

New devices for Christmas? Here are some informative tips:

Now that Christmas has come and gone, you and your family might be sitting with some new devices that you want connected to the Internet. We have some tips on choosing the Internet speed that will fit. One megabyte is equal to eight megabits, but the terms are used in specific ways: Megabits per second (mbps) is used to describe the speed of an Internet connection, whereas megabytes (MB) usually refers file size or storage space. If you have an 10/1 connection, that means 10 mbps download and 1 mbps upload speed. The internet connection is shared among all devices in your home, provided you have WiFi enabled. We suggest a WiFi router from NCC, which makes it easier for us to troubleshoot issues should you have any.

Streaming means the information is coming from another location – is not saved or stored on your device. You are viewing or listening in real time.

Downloading is copying or saving a movie, email, song, photo, etc., to your device for later use. Recommended speeds for downloading movies are 10 MB needed for standard definition movies, and 70 MB or more needed for high definition movies.

Uploading is sending a movie, photo, email, song to another system to save. Gaming systems may stream games from their server on the internet to the game consoles with some are requiring up to 5 mbps to play properly. Previously, gaming systems required around 1 to 2 mbps of the connection. Searching the web, using email or on social media takes around 1 mbps, videos vary – 1 to 3 mbps is common.

Wireless: Connected by radio waves, no physical wired connection between modem router and device. Connection speed will not be as fast due to interference, distance and other factors in the home. Did you know that microwaves, baby monitors, cordless phones, mirrors, concrete, steel, marble and brick may interfere with your wireless signal? *Watch for our optimized WiFi solution, coming soon!*

Family with four devices, usage example: Streaming a standard def movie 10 MB, web surfing and answering emails 10 MB, gaming and listening to music 10 MB, uploading pictures to social media 70 MB. If you have a 10/1 connection, you would have 10 mbps to share amongst the devices in your household. The sample here shows 100 mbps being used, so some devices will be slower due to congestion on the connection. If you have a 120/12 connection or higher, all should run with no speed reductions.

**Check out our
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Gold – 300Mbps

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*Speeds where available depending upon location.

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New Listings

BOWBELLS

Minnick Heather..... 377-3757

CROSBY

Kolb Brian 965-8583

POWERS LAKE

Tande Lex 464-4938

RAY

Gunderson Caitlin 568-5905

ROUND PRAIRIE

Grundvig Terri 875-4914

TIOGA

Helfrich Gabriel 664-5721

Holte Chance & Katie 664-5571

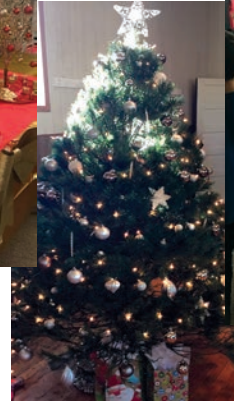
Hussey Lawanda 664-4598

Juarez Juan 664-4801



Angela Schepp gave away door prizes at the Ray Chamber Community Christmas.

Evergreen Evening Fundraiser



Santa with the kids at the NCC 12 Days of Christmas event.

We enjoy participating in and sponsoring your community events! We had fun with these Christmas events in December:

- NCC sponsored the tree and presents that were auctioned off at the Evergreen Evening fundraiser put on by area churches for the Feed My Starving Children mobile pack coming to Ray. NCC employees, Dina Edwards and Taryn Bergstrom were the decorators of this awesome tree!
- NCC again participated in the Ray Chamber Community Christmas. Door prize winners were: Ava Hauge and Brenda Daniel.
- 12 Days of Christmas at NCC where we gave away some really great prizes to customers signing up for SmartHub the 12 days leading up to Christmas. Winners will be listed in the February newsletter, and you can also see them by following NCC on Facebook.

Win an Apple TV - go paperless!

Did you know that you can view and pay your bill online? Are you going to be gone for a couple of weeks and want to make sure your NCC statement is paid? Login to SmartHub and set up a scheduled payment!

This month, **customers who sign up to use SmartHub are automatically registered in a drawing to win an Apple TV. If you sign up for SmartHub and also change to paperless so that you no longer need to receive a paper bill, you get two chances to win an Apple TV.** If you're already using SmartHub, you still have a chance of winning the Apple TV by signing up to go paperless!

To register for SmartHub, please go to our website, www.nccray.com and click bill pay in the top right hand corner! To change statement settings to paperless, go to My Profile page and click on the Update My Printed Bill Settings where you can choose on or off. Choose off to no longer receive a paper statement in the mail and we will enter you to win the Apple TV.



Notes

- **We still have 2018 calendars in our office.** They are free of charge. Please stop in the Ray office to get yours!
- **Federal Universal Service Charge (FUSC)** on telephone lines for the first quarter of 2018 will be 19.5%.

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*Business Hours: M-F 8am to 5pm.
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Enjoy Wintertime!

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