



Wireless

Why – What - How - Security

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WIRELESS SETS YOU FREE

WHAT WE ARE NOT GOING TO TALK ABOUT...



Bluetooth:

Named after Harald Bluetooth,
a Danish king

Used for Keyboards and Mouse

WHAT WE ARE NOT GOING TO TALK ABOUT...



Cell Phone Technology

Traces back to radio technology by **Nikolai Tesla** in the 1880s

What we **ARE** going to talk about...

Wi-Fi = Wireless Fidelity

Defined by:

Institute of Electrical and Electronics Engineers

(IEEE) 802.11 standards

A decorative graphic consisting of several parallel white lines of varying lengths and thicknesses, slanted diagonally from the bottom right towards the top right of the slide.

Wireless Routers

- What you need
- Why you need it
- Security
- What is “N” and “G”
- \$\$\$

Setup = ***button, button who's got the button***

WHAT YOU NEED



Wifi Protected Setup

WPS Button

Internet



WHY DO YOU NEED IT



Use your Home Internet instead of Wireless Data Plan

AUTO CONNECT

1. Press the WPS button on the router
2. Click the Rainbow ICON (in the laptop taskbar)
3. Press CONNECT to the Router's WiFi name
4. Your laptop is now connected to the internet using your home Router/Modem



SECURE LAPTOP CONNECT

- ▶ The WPS LED light will flash for **2 minutes** waiting for your Laptop or Wireless device to connect
- ▶ The WPS LED light will turn **Green**

WIRELESS PRINTERS



1. Press WPS on the Router
2. Press the WPS button on the printer OR
3. Go to Printer setup and find the WPS setup section
4. Press CONNECT
5. NOW the printer is available to anyone on the Wireless Network in your home

WIRELESS CELL PHONE



SAVE ON CELL PHONE DATA PLAN

WIRELESS CELL PHONE

1. Go into your Cell Phone Set up Menu
2. Browse for your Wireless Router
3. Connect
4. All your data now uses your router/internet connection - >>> instead of the cell phone data plan

DUAL BAND WIRELESS ROUTERS

“N” AND “G”

Dual-band Wi-Fi support

N = 2.4 GHz = 802.11n

G = 5.0 GHz = 802.11ac

Wireless Smart TV (a sample)

- ▶ Network Settings
- ▶ Select Wireless
- ▶ Select Scan
- ▶ Select Auto
- ▶ Select your Wireless Router
- ▶ Press the WPS button on the Router
- ▶ Select "Easy Connect" on your TV.

Wireless Router Extenders



One antenna receives from the main wireless router

The dual antennas rebroadcast the signal to reach further from the source

Chuck Stobing



*Here to Help!
I Make House Calls*

Seniors, Non-Profits, Veterans

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