

TV STREAMING AND MUCH MORE

MARCH 2024

- THE INTERNET –THE KEY TO SMART TECH AND STREAMING!
- COMMUNICATIONS-LOW-COST SERVICES AND DEVICES
- QUICK REVIEW OF SECURE ONLINE SHOPPING
- THE MANY FEATURES OF YOUTUBE
- SPECIAL SERVICES FOR SENIORS
- **THE MAIN EVENT-FREE AND PAID TV AND STREAMING OPTIONS-LOTS OF OPTIONS!**
- SECURITY AND THE INTERNET

WHO IS JOHN HAMBLIN?

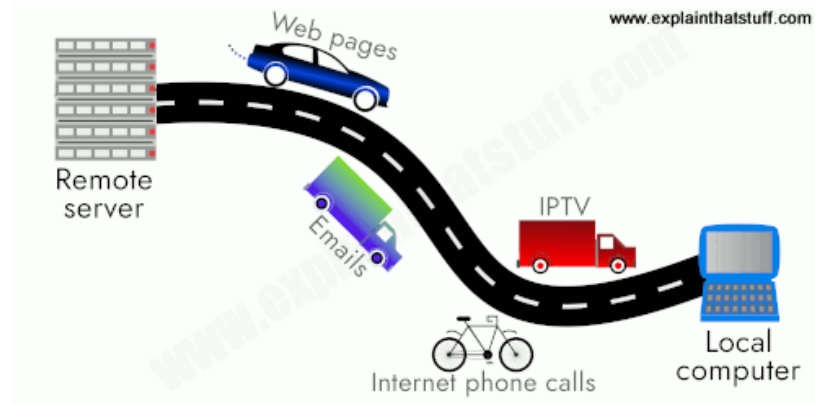


- EX CIO, SMART TECH ADVISORS
- VP OF THE VIEWPOINT TECHNOLOGY CLUB-\$15!
- Board Member OF Aging ProActively
- Consultant Certified Age Friendly Employment (CAFÉ)
- “GREY, GREY MATTER MATTERS”
- [For More Info- Hamblin.john@gmail.com](mailto:Hamblin.john@gmail.com) or 800-519-0254

THE INTERNET IS THE PLACE FOR SHOPPING INFORMATION AND ENTERTAINMENT

- **THE INTERNET HAS BECOME PART OF OUR DAILY LIVES!**
- **THE INTERNET 5 BILLION USERS (63% of population) AND**
- **\$3.8 TRILLION IN ONLINE PURCHASES WERE MADE IN 2021**

THE INTERNET IS THE INFORMATION HIGHWAY



- IT WORKS LIKE A HIGHWAY AND USES “ADDRESSES” TO DIRECT INFORMATION FROM/TO YOUR DEVICE
- EACH DEVICE HAS AN **IP ADDRESS (Internet Protocol)**
- **QUIZ ON VPNs AT END!**

THE IP ADDRESS IS KEY

- SMART PHONES, COMPUTERS, SERVERS AND COMPANIES HAVE UNIQUE Internet Protocol ADDRESSES
- FOR SERVICE PROVIDERS/COMPANIES THE **URL (UNIFORM RESOURCE LOCATOR)** TRANSLATES TO A NUMBER BASED IP.
- EXAMPLE GOOGLE.COM BECOMES 64.233.191.255
- MY SMART PHONE IS IP Address 192.168.1.5
- **IPs AND URLs ARE THE KEYS FOR ALL INTERNET TRAFFIC**
- **THE SECURITY OF YOUR ADDRESS AND INFORMATION IS A CONCERN! VPNs Help Protect you (MORE ON THIS LATER)**

THE MORE YOU DO ONLINE THE HIGHER INTERNET SPEED YOU WILL NEED!

- STREAMING TV, WATCHING MOVIES, ONLINE VIDEOS, ZOOM CALLS, VIDEO CALLS TO FAMILY AND FRIENDS ALL REQUIRE FAST CONNECTIONS
- IF YOU WANT TO USE SEVERAL OF THESE SERVICES AT THE SAME TIME ON DIFFERENT DEVICES YOU NEED TO HAVE MORE SPEED
- IF YOU WANT TO DO THESE THINGS AT BUSY TIMES OF THE DAY YOU NEED CONSTANT SPEED BOTH FOR DOWNLOADS AND UPLOADS
- **JABBA-10/2?. T-MOBILE-20to100/4to20? FIBER-400+ /400+**
- THERE IS NO COMPARISON BETWEEN JABBA AND OPTIC FIBER FOR SPEED BUT **CHOOSE THE SPEED THAT MEETS YOUR NEEDS!**

HOW MUCH SPEED DO YOU NEED?

- SIMPLE STREAMING AND ACTIVITIES- 10MBS
- HD VIDEO- 25MBS
- 4K VIDEO- 100MBS
- VIDEO CONFERENCE- 50MBS
- THE MORE SIMULTANEOUS USERS THE MORE SPEED NEEDED
- IF JABBA WORKS FOR WHAT YOU WANT KEEP IT!
- IF YOU PLAN TO USE MANY SERVICES OPTIC FIBER IS BEST

WHY INSTALL FIBER OPTIC? THE AI CHATGPT ANSWER

- **Speed:** Fiber optic provides the fastest internet speeds available, with **symmetrical upload and download** speeds reaching up to gigabit speeds (1,000 Mbps or higher). This ensures a smooth and seamless online experience, especially for activities like streaming 4K video, gaming, and large file downloads/uploads.
- **Reliability:** Fiber optic cables are less susceptible to interference and signal degradation compared to traditional copper cables used in DSL and cable internet. This results in a more stable and reliable internet connection with minimal downtime or service disruptions..
- **Scalability:** Fiber optic networks have huge capacity, allowing for future scalability and accommodating increasing demands for data transmission and new services.
- **Security:** Fiber optic cables are more secure than copper cables since they don't emit electromagnetic signals that can be intercepted. This provides an added layer of security for data transmission and information.

AIREBEAM FIBER SERVICES

- 500 MBS - \$55/month + \$10/month for router or purchase your own (see below)
- 750 MBS- \$75/month including router
- THE AireBeam of some compatible routers (All available on Amazon):
- **TP-Link AX5400 WiFi 6 Router (Archer AX**
- **ASUS WiFi Router (RT-AC1900P) - Dual Band Gigabit Wireless Internet Router, 5 GB**
- **TP-Link AX3000 WiFi 6 Router – 802.11ax Wireless Router, Gigabit**
- **TP-Link AX1800 WiFi 6 Router (Archer AX21) – Dual Band Wireless Internet Router, Gigabit Router** **AIREBEAM QUESTIONS?**

ALWAYS TAKE CARE USING THE INTERNET

- **LOSSES TO SCAMS IN US-\$10.3 BILLION IN 2022 & \$12.5 IN 2023**
- **THERE WERE 800,000 COMPLAINTS TO THE INTERNET CRIME CENTRE RUN BY THE FBI IN 2022**
- **TO SEE THE FULL ICB REPORT GO TO:**
https://www.ic3.gov/Media/PDF/AnnualReport/2022_IC3Report.pdf
- **ONLINE SERVICES ARE GREAT BUT PROTECT YOUR DATA**
- **MORE ON SECURITY LATER....**

USING THE INTERNET FOR LOW-COST COMMUNICATIONS

- **FREE CALLS** WITH GOOGLE HOME OR AMAZON ALEXA (CANADA AND US). ALEXA CALL.....
- **MAGIC JACK** (\$70/YR)-VOIP-KEEP LOCAL NUMBER, TAKE ANYWHERE **(506-804-6115).GET ANY AREA CODE YOU WANT**
- **FREEDOM VOICE** (10/MONTH)-800 SERVICE FORWARD TO ANY PHONE, CHANGE FORWARDING AT ANY TIME. YOUR CALLER NEVER HAS LONG DISTANCE CHARGES. **800-519-0254**

SOME THOUGHTS ON ONLINE SHOPPING TO HELP MAINTAIN YOUR PRIVACY

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- **AMAZON PRIME IS A GREAT DEAL-\$139 PER YEAR GETS FREE SHIPPING, FREE AMAZON MUSIC, FREE PRIME STREAMING ++SECURE INFORMATION-NEW SERVICE-AMAZON PAYMENTS NOW USED BY OTHER RETAILERS**
 - **USE PAYPAL/APPLE PAY FOR SECURITY AND NOT YOUR CREDIT CARD! YOU GET---HI LEVEL SECURITY INCRPTION AND A KEY BENEFIT --NO ACCESS TO YOUR FINANCIAL INFORMATION FOR MERCHANTS/RETAILERS**
 - **USE A VPN TO “CLOAK” YOUR LOCATION-YOUR IP ADDRESS IS HIDDEN**
 - **YOU TUBE IS A GREAT SOURCE FOR FURTHER INFORMATION ON SECURITY, VPNs OR ALMOST ANYTHING ELSE....**

YOU TUBE FOR FUN AND INFORMATION

- **2.5 BILLION MONTHLY VISITS**
- **1 BILLION HOURS OF USE PER DAY**
- **720,000 HOURS OF NEW VIDEOS ARE ADDED EACH DAY**
- **37 MILLION YOU TUBE “CHANNELS”**

ACCESSING YOU TUBE

- <https://www.youtube.com/>
- TO ACCESS ALL FREE SERVICES-Premium service with no advertisements is \$15/month extra but free is great and all I ever use
- Go to “EXPLORE” ON MAIN SCREEN to see what is available or go to “SEARCH”
- Search for “how to” videos covering almost anything topic you want
- Ex. SEARCH FOR “how to cut the cord and stream TV and Movies”

MUSIC, MOVIES AND ENTERTAINMENT GALORE on YOU TUBE

- EXAMPLE: Search “for Hallelujah videos”-20+ CHOICES APPEAR
- SEARCH FOR “Classic rock videos” or whatever music you like!
- Go to Movies and “see” what is available!
- WATCH THE HOW TO USE YOUTUBE VIDEOS TO LEARN MORE

YOU TUBE HAS 37 MILLION “CHANNELS”

- CHANNELS FOR EVERY INTEREST
- EXAMPLE-THE TECH FOR SENIORS CHANNEL:
<https://www.youtube.com/c/TechforSenior>
- ENTER YOUR AREA OF INTEREST IN THE SEARCH AND SEE WHAT IS AVAILABLE BOTH VIDEOS AND CHANNELS
- YouTube also has added YouTube TV a plan with 100+ live channels for **\$72.99/month-YouTube TV is top rated TV Streaming Service!**

SPECIAL INFORMATION, COURSES AND GROUPS FOR SENIORS

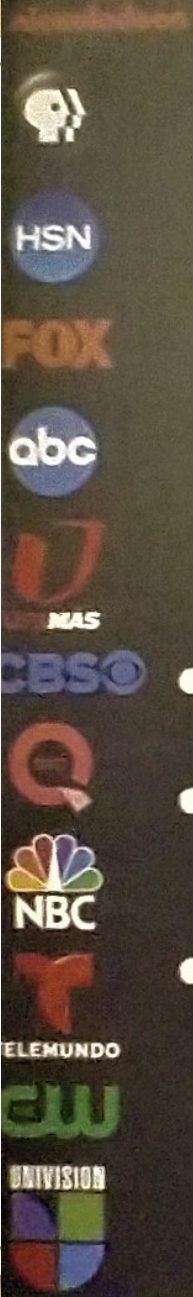
- TECHBOOMERS.COM- Courses and information
- TECHFORSENIORS.COM- Weekly meet-up, You Tube Channel +++
- SENIORRESOURCE.COM-Articles, Tips and More to assist seniors
- Sara Aghvami, Director Best Buy Health worked with myself and Age Well Canada to develop FREE tech courses to provide online training for seniors.

Courses are available for all at **digitalcitizen.bestbuy.ca**

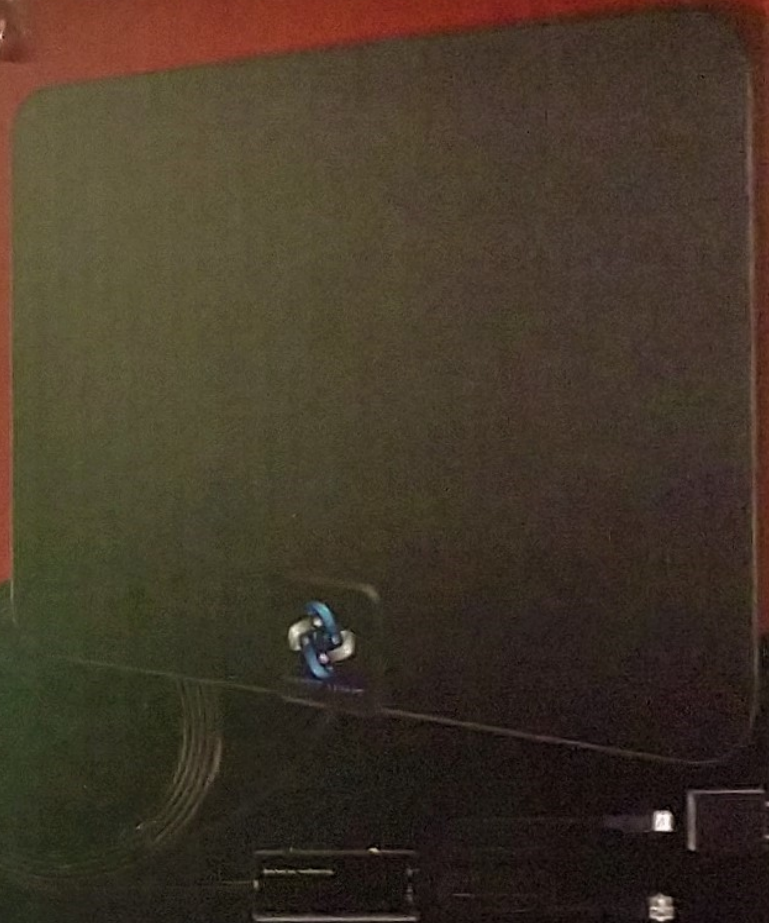
THE NUMBER 1 LOW-COST OPTION FOR LIVE TV: SMALL HDTV ANTENNAS

- WIDE CHANNEL CHOICE IN MAJOR CITIES (40-60+ CHANNELS)
- MORE CHANNELS AND WIDER COVERAGE EVERYDAY
- LIMITATIONS-ONE PER TV-PLUGS INTO CABLE JACK ON TV
- 1BYONE AMPLIFIED DIGITAL TV ANTENNA (\$30)-MY UNIT
- RCA ULTRATHIN – WALMART UNDER \$40.

AMPLIFIED HD DIGITAL TV ANTENNA



- Freeview Channels
 - Full HDTV
(HDTV, 1080P, 1080i, 720p, 4K support)
 - Multiple
Installation position Window, Wall or Table
- EASY SET UP**
- All Hardware Included**



No Price Increases!
No Monthly FEES!
No Contracts!

EXAMPLE OF INDOOR ANTENNA



LOW-COST INTERNET TV OPTIONS!

- Hoopla and Overdrive (Through Your Library)-Includes books, movies and more
- FREE IPTV-many service choices 100s of channels. (**On Next Slide**)
- ROKU STICK-LOTS OF CHANNELS AND SERVICES FREE!
- FIRE STICK –SIMILAR TO ROKU BUT SLANTED TO AMAZON
- BEST STREAMING STICK 2024: <https://www.cnn.com/cnn-underscored/reviews/best-streaming-sticks-and-devices>
- NEWS OPTION- AN AI NEWS SERVICE LIKE NO OTHER- NEWSGPT.AI

FREE VERIFIED IPTV SERVICES

- PLUTO: 250+ CHANNELS + MOVIES
- XUMO PLAY: 300+ CHANNELS-GOOD NEWS SERVICES
- SLING TV FREESTREAM: 400+ CHANNELS
- PLEX: 600 CHANNELS- NO REGISTRATION NEEDED
- LOCAST: US LOCAL CHANNELS BY CITY (VPN IS HELP HERE)
- SEE <https://iptvwire.com/free-iptv/> GREAT SITE FOR INFO

SOME TOP PAID STREAMING SERVICES

- YOUTUBE TV (\$72)-100 CHANNELS+-UNLIMITED RECORDING
- HULU PLUS (\$70)-INCLUDES ESPN/DISNEY PLUS & RECORDING
- SLING (\$40-\$55)- NO LOCAL CHANNELS-LIMITED FREE VERSION
- DISNEY, PARAMOUNT, CBS +++
- FUBO (\$75)- LOTS OF SPORTS CHANNELS ++
- + A WIDE VARIETY OF SPECIALTY SERVICES –NFL, TSN, ESPN...

PAID SERVICES CHOICES

- COMPARISON OF PAID STREAMING SERVICES:
- <https://www.smartmove.us/streaming/services/comparison>
- LIST OF CHANNELS PROVIDED BY THESE SERVICES:
- <https://www.cnet.com/tech/services-and-software/comprehensive-live-tv-streaming-channel-guide-you-need/>

LIVE TV STREAMING CHECK LIST

WHAT DO YOU WANT?

- DOES THE SERVICE OFFER YOUR “MUSTHAVE” CHANNELS?
- DOES IT OFFER LOCAL CHANNELS IN YOUR AREA?
- DOES IT PROVIDE THE DVR RECORDING THAT YOU WANT?
- DO YOU GET ENOUGH SIMULTANEOUS STREAMS (1 OR MORE)?
- IS IT WORTH THE MONEY TO YOU?

MY SETUP AT VIEWPOINT

- AMAZON FIRE STICK ON TV1
- ROKE STICK ON TV2
- AMAZON PRIME BASIC, NETFLIX AND DAZN (SPORTS)
- VIEWPOINT CABLE **TV-GOING SOON! ONE REASON MANY ARE HERE!**
- YOUTUBE FREE SERVICES
- 1BYONE HD TV ANTENNA (\$30 ONE TIME COST) ON TV3 (40 + CHANNELS) AND IT WORKS WHEN CABLE OR INTERNET ARE DOWN- **A BIG PLUS**) ON TV3
- MY TOTAL COST \$40/MONTH FOR NETFLIX, AND DAZN (PRIME, YOUTUBE BASIC, ROKU, FIRE STICK AND ANTENNA I LOOK AT AS “FREE”)

“YOU PAYS YOUR MONEY TO GET WHAT YOU WANT”

- LIVE TV-MANY CHANNELS- GET THE ONES YOU WANT
- PAID SERVICES-NETFLIX, AMAZON AND MANY OTHERS
- CHEAPEST LIVE OPTION-HD TV ANTENNA OR FREE IPTV
- A LOW-COST CHOICE IS ANTENNA + CHEAP PAID SERVICE (EXAMPLE NETFLIX OR AMAZON PRIME) +YOUTUBE FREE
- PICK WHAT YOU WANT AND CAN AFFORD!

ONLINE SECURITY

THE INTERNET IS GREAT BUT WE ALL NEED TO PROTECT OURSELVES FROM HACKERS, SCAMS AND MORE AS FRAUD AND IDENTITY THEFT IS GROWING EVERYDAY!

SOME BASIC STEPS TO TAKE TO PROTECT YOURSELF

SOME KEY SECURITY “TOOLS”

- USE A VPN TO “CLOAK” YOUR ONLINE IDENTITY

<https://www.youtube.com/watch?v=eAnf6tTTqFY>

- I USE EXPRESS VPN BUT THERE ARE MANY GOOD SERVICES
- PAY WITH PAYPAL-400 MILLION USERS \$2.5 BILLION/DAY OR APPLE PAY OR EVEN AMAZON- THE KEY IS MERCHANTS GET NONE OF YOUR FINANCIAL INFORMATION!
- SEE “SECURITY TIPS FROM A HACKER” FOR MORE DETAILS-
https://www.youtube.com/watch?v=-ni_PWxrsNo

FOR MORE INFORMATION, CONTACT:



John “GRUMPY” Hamblin

Hamblin.john@gmail.com

1-800-519-0254

ANY QUESTIONS?

