

Technology Update

Carolinas Cash Adventure
2023 Conference

Presented by: Rob Hickson
BluePointe, LLC
rob@watchbuys.com



Our Agenda

- An Update on Speed
 - 5G Standalone
 - Wi-Fi 6, Wi-Fi 6E, and Wi-Fi 7
 - Do You Really Need Mesh?
- End to End Encryption
 - Email
 - File Cloud Storage and Backup
 - Sending Sensitive Files
- E-Commerce, Coupon Codes Dangers



Our Agenda

- Hotspot in Your Car
- My Favorite Free Software
 - CCleaner
 - 7-Zip
 - Foxit PDF
 - FastStone Image Viewer
 - Libre Office
 - Notepad ++
 - Proton VPN (\$4.99 month)



An Update on Speed

- 5G Standalone – Does Not Rely on 4G LTE
- What is Happening With Wi-Fi?
 - Wi-Fi 6
 - Wi-Fi 6E
 - Wi-Fi 7
- Should You Invest in a “Mesh” System?
- Fiber 1 GIG, 2 GIG, 5 GIG?



Wi-Fi 6, Wi-Fi 6E and Wi-Fi 7

- Wi-Fi 6 – 2.4 Ghz and 5 Ghz
- Wi-Fi 6E - Adds 6 Ghz, security, lower latency
- Wi-Fi 7 – Bandwidth, 46 Gbps
- Best Wi-Fi 6E router – Asus AXE11000 - \$389



End to End Encryption

- Email
 - Proton Mail
- File Cloud Storage and Backup
 - Apple iCloud Advanced Data Protection
 - Apple iCloud Private Relay
 - Sync.com
- Sending Sensitive Files
 - Sync.com
 - FileShare
 - Tresorit - free



E-Commerce, Coupon Dangers

- Why do some e-commerce web sites recognize you?
- Searching for coupon or promo codes
- Facebook (Meta) Add Library
 - <https://www.facebook.com/ads/library/>
- Using browser plugins for coupon codes
 - Honey
 - Capital One
 - Turn them off after using!



shopify

Hotspot in Your Car

- Tethering to your phone
 - Understand your plan limits and additional costs
- Using a mobile hotspot
 - Inseego MiFi X Pro 5G - \$264
- Built in car hotspot
 - Most new cars have built in hotspots
 - Run speed test to see which carrier
 - Many plans are unlimited and inexpensive



Free Software

- My Favorite Free Software
 - CCleaner
 - 7-Zip
 - Foxit PDF
 - FastStone Image Viewer
 - Libre Office
 - Notepad ++
 - Proton VPN (\$4.99 month)

