

Wi-Fi Calling

April 25, 2020

Context: Reliance Jio recently announced the launch of nationwide Voice & Video over Wi-Fi service.

- Wi-Fi operates on a series of standards established by the IEEE and the Wi-Fi Alliance.
- Wireless router offers approximately 150 feet of range from its location, depending on building materials and other factors.
- Wi-Fi calling gives the chance to make phone calls using a wireless internet connection. It doesn't go through a traditional telecommunications provider
- The simplest way to make a Wi-Fi call is through a VoIP (Voice over Internet Protocol) system. It works by reaching a carrier over the internet connection to establish a phone line.
- Android and iOS devices now have accepted, universal standards (APIs) for VoIP calls in a way that is optimized for battery life and the user experience.
- **The benefits of Wi-Fi Calling:**
 - It's included at no additional charge with the existing voice plan and HD voice-compatible device.
 - Make and receive calls with Wi-Fi using phone number.
 - Helps connect when cellular service isn't available or having poor signal issues, like dropped calls
 - Video Calls no longer need an LTE connection to be initiated in Wi-Fi.