

THE EVOLUTION OF INTERNET SPEED

AND ITS IMPACT ON BUSINESS SOLUTIONS



DIAL-UP | 50 KBPS

- Limited business use
- Not suitable for most business applications

Some 3% of Americans still have dial-up Internet. The average speed is 40 to 50 kbps, and drops to 20 kbps if anyone else makes a phone call on the same connection. Dial-up is often the only choice for rural or remote areas where broadband infrastructure doesn't reach.



BROADBAND | 25 MBPS

- Unreliable business use
- High traffic can overwhelm operations

Many Americans (around 70%) have a broadband Internet connection. The benchmark speed for broadband is 25 mbps, roughly 50 times faster than dial-up. Faster Internet speeds mean users access the online world over twice as much as dial-up users.



HIGH-SPEED BROADBAND | 100 MBPS

- Improved business use
- Faster speeds allow more reliable functionality

One in 3 who have a broadband connection pays a premium price for a high-speed connection. These high-speed connections go up to 100 mbps. Of course, these are the "peak transmission" rates and users often experience slower speeds during heavy traffic times.



FIBER OPTIC BROADBAND | 1 GBPS

- Highly reliable for business
- Connectivity exceeds most business demands

Only 23% of Americans have access to a fiber network. The biggest benefit of fiber is that it can offer much faster speeds over much longer distances than traditional copper-based technologies like DSL and cable. Fiber has low latency and averages 117% faster speeds during peak times.



fibrant | 10 GBPS

- Available throughout Salisbury
- Next generation technology for today's business

Fibrant has provided gigabit Internet speeds on its 100% fiber network to the entire city of Salisbury, NC for over a year and is ready to unveil the next horizon for Internet speeds. This new evolution brings the future of technology and business into the present day, and we're excited to share!