Dependable networking solutions have never been more critical. Bandwidth-devouring devices such as smartphones, tablets, televisions, laptops and gaming systems are now essential components of our lives. The growth of these products – coupled with the content delivery transition from physical media to streaming – necessitates comprehensive digital infrastructure solutions that support this new reality.

In recent years the technology used to create strong, reliable networks has evolved to include more than just wired and wireless connections. The introduction of powerline and coax networking means people can enjoy the power and reliability of a hardwired network using existing wiring in their homes.

Wired networks are the most effective way to distribute an incoming Internet signal. This methodology utilizes connection points (data jacks) throughout the home that offer razor sharp streaming video, high-fidelity audio, dependable online gaming and maximized web surfing. These networks are best established in new construction homes or homes with existing Cat 5 or Cat 6 cabling.

**RECOMMENDED USAGE:**
- Desktop Computers
- Gaming Consoles
- Internet-capable TVs
- Blu-ray Players
- DVRs

Wireless networks allow Wi-Fi enabled devices to connect wirelessly to the home network. They can be simple to setup and are less costly than traditional wired networks. However, the layout of the home and number of devices connected to the network can significantly affect performance. To maximize coverage, the use of multiple access points and the latest wireless technologies will ensure an optimal, reliable network.

**RECOMMENDED USAGE:**
- Mobile Phones
- Tablets
- Laptops
- Handheld Gaming Systems
- Wireless Printers
Utilizing existing wiring in your home, Multimedia over Coax (MoCA) technology creates a robust home network that is perfect for entertainment networking needs. Coaxial cable is immune to interference issues and is a high bandwidth medium — meaning it’s ideal for delivering HD video content or for online gaming.

**RECOMMENDED USAGE:**
- DVRs
- Blu-ray Players
- Game Consoles
- Internet-capable TVs

**COAX NETWORKING**

Powerline networking utilizes existing electrical lines in a home to deliver fast, reliable & convenient network connectivity. Adapters plug directly into electrical outlets and are best used to expand existing networks.

**RECOMMENDED USAGE:**
- Desktop Computers
- Game Consoles
- Internet-capable TVs

**POWERLINE NETWORKING**

**DIGITAL Infrastructure**

**CREATING THE RIGHT NETWORK FOR EVERY HOME**