When choosing an Internet Service Provider (ISP) for the new office in Fayetteville, NC, the main things to consider are speed, security, and reliability. These factors help keep business operations running smoothly, reducing downtime and security risks while ensuring employees have the internet speed they need. Spectrum Business offers speeds up to 1 Gbps, built-in protection against cyber threats, and a 99.9% uptime guarantee. AT&T Business, on the other hand, provides fiber-optic internet with speeds up to 5 Gbps, advanced security features, and a 99.99% uptime guarantee. Based on these factors, AT&T Business is the better choice because of its reliability, faster speeds, and stronger security. This will allow for smooth video meetings, cloud access, and data security, which align with the company’s needs and goals.

To keep things running efficiently, the office will need the right hardware and software. Recommended hardware includes Dell PowerEdge Servers, a Cisco Meraki MX security device, and HP EliteDesk computers. The software needed includes Windows Server 2022 for managing the network, Microsoft 365 for productivity, and Adobe Creative Cloud for design tasks. The office will also need a reliable printer setup. The plan is to use networked multifunction printers with PaperCut MF for tracking and cost control, Universal Print by Microsoft for easy driver updates, and a secure print release system using employee ID authentication.

Having the right internet speed and devices is also important for video meetings. A minimum 500 Mbps fiber internet connection will ensure smooth, high-quality video calls. Meeting rooms will be equipped with Cisco Webex Room Kits, and individual employees will use Jabra Evolve 75 headsets for clear sound. These upgrades will make teamwork and communication easier and more effective.

