SIM2K

Adapting Technology to Your Business Needs

SIM2K® Wireless Networks

Make Wi-Fi Work for your Business

Today's connected world requires access to wireless networks. More and more companies are expanding wireless networks for both employees and visitors. Today's wireless networks are faster and more affordable than ever. Wireless also improves employee satisfaction by increasing productivity, flexibility and accessibility. From the sales force to warehouse, manufacturing to inter-office communications, wireless computing gives employees the convenience to work from nearly anywhere. Savvy business owners know that offering customers access to Wi-Fi builds relationships and offers opportunities.

However, like any technology tool, Wi-Fi networks require careful planning as there are many factors that go into a successful implementation. Rather than just purchasing a wireless access point (WAP) and plugging it into the company network, SIM2K® will work with you to help design, specify, install and then support a wireless network that fits your business needs.

There are many factors to be considered when planning a successful Wi-Fi network:
- Construction of your facility – brick, metal wall studs, plumbing and machinery reduce signal strength.
- Assess anticipated usage – it is important to know how many users will connect to the network, and what types of devices they will be using (laptops, smartphones, tablets, etc.)
- Assess coverage area – we conduct a site survey and prepare a map illustrating the reach of each WAP.
- Ascertain availability of power and network connections.
- Evaluate existing network hardware – existing routers, switches and firewall must support added traffic.
- Specify appropriate Wi-Fi equipment – especially if covering extended areas such as warehouses or outdoor areas.
- Wi-Fi controller – permits updates, reboots and monitors performance at one source, rather than having to "touch" each device in the network.
- Security – assess what level of security is appropriate and separate business/guest networks.
- Installation – integrate with your existing network and check the coverage area.
- Growth – think about future networking needs. Extending Wi-Fi coverage is easier than punching through walls to install new cable.

SIM2K will work with your business to maximize opportunities. For example, you can capture e-mail addresses by requiring guests to log in when connecting to your Wi-Fi and use this information for follow-up contacts. Another example for retailers is the ability to push out marketing content to users once they are connected to your network. SIM2K can help you explore new opportunities to use Wi-Fi for more than just Internet access.

Let SIM2K work with your business, school, library or store to design and install a wireless network that is custom-made to fit your specific needs. Call us for more information or to schedule a site visit to discuss how we can best put Wi-Fi to work for you.