

Wireless Technologies Proposal

Learning Team B

BIS/220

Wireless Technologies Proposal

The purpose of this proposal is to review wireless technologies that could be beneficial to the Party Plates organization. This proposal will also review the pros and cons of incorporating the suggested wireless technologies, the justification for the decision being made, and the risks of using the wireless technologies. Finally, included in this proposal is a spreadsheet the reviews both hardware and software requirements and the costs associated with the use of the wireless technologies

Proposed Services

Wireless technology is fast becoming the preferred means to conduct business. Keeping employees mobile and free from sitting at a desk all day contributes to higher moral and increased productivity. Two types of wireless products Party Plates should consider implementing is the use of iPhones within certain departments and a wireless network within the entire organization.

The use of iPhones will provide departments with their desk at their fingertips. With minimal training, documents can be displayed on the phone and discussed offsite at a customer location or anywhere in the building. Demonstrations and quotes can be performed without extensive planning and set meeting times. The initial investment and training will be an expense but please consider the cost savings also. iPhones will reduce the following:

- Paper, toner usage
- Turnaround time on customer inquiries

Another technology to consider is a wireless network. This will allow laptops to be distributed in the organization and connect to the network using the built in wireless component. No more cables along the floor which will reduce the number of accidents and maintenance needed when cables become compromised. The iPhones can use the network when in the building this will reduce the amount of data used on the phone plan.

According to Certification Magazine (2007) Drawbacks to wireless networks that need consideration are

- Unauthorized access to the network, someone outside the building could gain access unless the network is encrypted
- Interference from cell phones or microwaves
- Bandwidth, ensure there is enough for all employees on the network

Which iPhone and which wireless router

The iPhone 4S is the latest phone released by Apple and it has proven itself to be the most reliable. It has a reception signal strong enough to accommodate just about any business and the ability to send information at high speeds. With 16GB employees have more than enough memory to navigate the daily obstacles of the work place. The applications it offers will help the user manage the business from just about any location in the world. It also has the ability to link up to a wireless network. When choosing a network you need to keep in my mind three things speed, space, and security. The NETGEAR - ProSafe Wireless-N Access Point Router system is the most expensive but the most effective. It offers firewalls, high connection speeds and more than enough memory for a small business.