



Lab 12.4.8.2 Wireless Case Study of an Organization

Estimated Time: Actual time of completion will vary.

Number of Team Members: Students will work in teams of two.

Objective

In this lab, the student will learn about the process of implementing a WLAN in an existing organization.

Scenario

A recent study of WLANs, conducted by NOP World-Technology, studied the perceived benefits of WLANs after implementation. The study found that WLANs increase productivity. End-users stay connected to the network an average of 1.75 hours longer each day, and report average daily time savings of 70 minutes. Overall, WLANs create a productivity increase of 22 percent.

Preparation

The instructor can do some of the preliminary research involved in locating organizations in the area that have implemented or have plans to implement a WLAN.

Step 1

Locate an organization that has implemented a WLAN

- a. List the organization name and describe its core service or business:

Step 2

Coordinate an on site interview with the IT manager

- a. Who was contacted?

- b. What is this person's primary responsibility?

- c. Was a site survey performed?

d. What prompted the necessity of the WLAN?

e. Describe the organizations wired network prior to adding a WLAN. For example, what routers, switches, workstations, servers, and applications were used?

f. List the equipment that was added for the WLAN deployment.

g. What methods are used to secure access onto the WLAN?

h. What quantifiable results were achieved?
