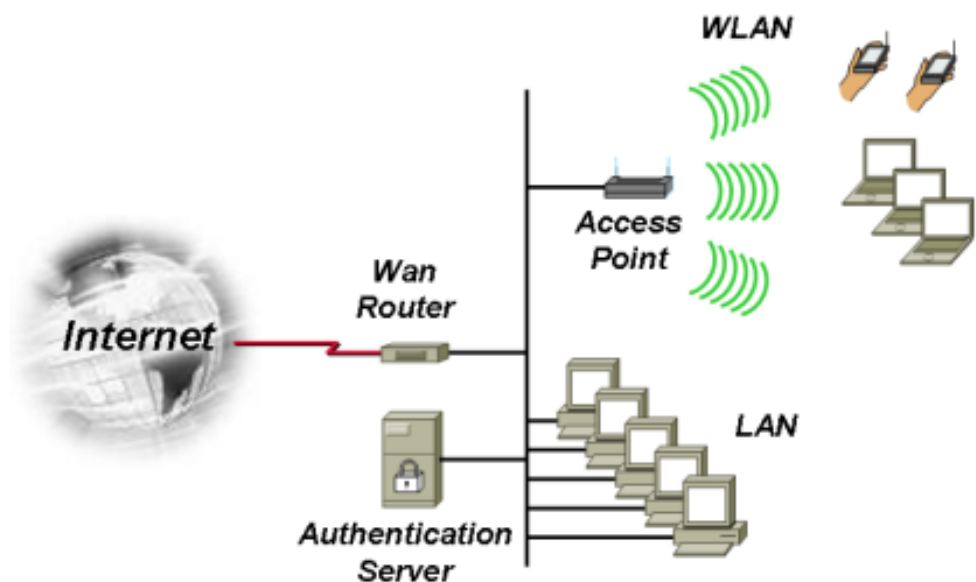


PLANNING YOUR WIRELESS LAN



3/31/2010

WLAN Planning using the Aercor Methodology

Why a site survey isn't enough. A WLAN typically isn't about just coverage anymore. It's about user capacity, client and access point density and the end user experience.



Planning your Wireless LAN

WLAN PLANNING USING THE AERCOR METHODOLOGY

WHAT IS A SITE SURVEY?

When we meet with a potential client for the first time we will often get questions about doing a site survey. The question we will have to ask is what does the client think a site survey is? The client usually thinks we will come out to their site and put an Access Point up on a pole and then walk around and see how well we can see the signal. In the early days of wireless design this was great method to figure out how well a particular antenna would cover an area. Access Points were expensive and companies wanted to deploy as few of them as possible. Now that Access Points have become more affordable and Wi-Fi is becoming more and more the primary way to access the network, we need to change the way we survey and deploy a Wireless LAN. Wireless LAN planning needs to be focused on user capacity and application support.

A SITE SURVEY IS A PROCESS.

Using the [Aercor Methodology](#) we have come up with a Site Survey process for evaluating a client's Wireless LAN needs. Our process works like this:

1. **Interview.** Aercor conducts a thorough interview of the client's current and future Wireless endeavor to get a detailed description of the client's wireless goals.
2. **Planning.** Taking into account building materials, user capacity, and application throughput requirements, we use award winning industry tools and Aercor's years of experience to plan your Wireless LAN deployment with a proven high degree of accuracy before installing the first access point.
3. **Deployment.** Once the plan is accepted, Aercor works with its clients to deploy and configure their Wireless LAN. From setting up the new wireless controller to installing the access points.
4. **Validation.** Using our knowledge of the wireless industries best practices, along with the foremost industry tools, Aercor will validate the clients Wireless LAN deployment in reference to the plan.
5. **Adjust.** If any changes are needed, Aercor will make recommendations for adjusting the software configuration or physical deployment of the Wireless LAN guaranteeing the goals and objectives of the wireless environment are met.
6. **Use it.** Your new Wireless LAN is ready to use.

THE FINISHED PRODUCT.

Upon completion of a project Aercor provides its clients with solid Wireless LAN that was planned and implemented with the client as a partner throughout the entire process. With Aercor's years of experience in the Wireless LAN field and the "measure twice, cut once" approach of the [Aercor Methodology](#), our Site Survey and Planning has produced extremely reliable results and many satisfied clients whom are willing to provide references.