Managed Wi-Fi

Segra Managed Wi-Fi is more than a service provided. It is a precise and thorough solution for your individual business Wi-Fi needs. Our Wi-Fi expert will work with you to determine the most accurate setup for your business's environment and performance requirements. Your tailored solution will be designed specifically for you and your business. Below is a description of the process we will take to make this happen.

Information such as scaled floor plans of the facility, the number and type of Devices needing access, the type of Application(s) that will be used and their bandwidth requirements, defining areas of high user density, number of SSID's, security requirements, any cosmetic constraints on locations of gear mounting and color, and an understanding of your current wired infrastructure.

GATHER
Customer Requirements

ANALYZE
Customer's Environment

Segra's Wi-Fi expert will run a Spectrum Analysis that allows him to detect any RF energy that could potentially cause interference with the wireless solution being designed. Able to see the unseen, with the information gathered, it allows Segra's Wi-Fi expert to make informed decisions on critical steps in the Design Process.

The first step in designing is to utilize our Wi-Fi Capacity Planner, which puts the "Math" of your environment into design. The Wi-Fi Capacity Planner processes a large number of data points very quickly, to gives us the total number of access points needed, along with Internet bandwidth needs for your unique requirements.

DESIGN
Wi-Fi Capacity Requirements

IMPLEMENT
with Predictive Modeling

All the information compiled to this point can now be imported into our Predictive Modeling Software that will allow us to "Virtually" design the wireless infrastructure. While looking at how signal propagation will occur within the property, all other layers gathered during the process are now applied, ensuring that his design meets your requirements.

Following deployment, Segra's Wi-Fi expert will conduct a Post- Deployment Survey that confirms what we Predictively Designed translates to reality once installation is completed. Like the Predictive Model, this step utilizes different visual tools.

TEST
Post-Deployment Survey

RUCKUS WIRELESS

Post-Survey Analysis

Spectrum Analysis

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