

**SITE NAME…..**

**WI-FI SURVEY**

**CONDUCTED FOR**



**Surveyor :** BENS ELECTRONICS SERVICES

**Engineer :**

**Date :**

**Location :**

**Contact person :**

**Coordinates** :



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# Executive Summary

Survey means a visit to the customer site to assess the infrastructure requirements which includes, evaluating housing cabinet (if any), Internet termination routers/devices and power supply, carrying out signal simulated signs test for areas that require Wifi coverage, taking digital pictures towards base of the rooms and outdoor area, drawing sketches on floor plans – floor plans to be provided by the customer if possible - indicating the proposed Wifi coverage and signal propagations, liaison with SFC solutions design team on best Wifi solution to serve the customer’s needs, compilation of survey report and submission to SFC project manager.

The survey report is a proposal that should have the bill of materials, layout drawings and the scope of work which includes the signal propagation results.

# Floor Plan (Overview of Client Facility)

Floor plan is a drawing to scale, showing a view from above (aerial view), of the relationships between rooms, spaces and other physical features at one level of a structure

**Design and Access Points Distribution**

Propos

Mounting Point of AP 1

# Access Point Location Map

The Access Point Location Map displays a grid overlaid on top of the Floor Plan, providing a way to describe the potential locations of placed APs, as shown in the Bill of Materials. The APs are displayed numerically and the numbers correspond to the numbers listed in the AP List.

# Signal Coverage Map and Throughput Projections

The Signal Coverage map displays a color‑coded map that shows the expected WiFi signal coverage (in dBm) at each point in the floor plan. It gives the reader a quick overview of the plan and the projected network's ability to provide adequate signal to all necessary areas. It is important to ensure that there are no coverage holes in areas where WiFi coverage is desired.

The Throughput map provides a heat map of the overall throughput that should be expected at each point in the site plan.

# WAN Setup

# Requirements/Bill of materials

# Photos

Photos of housing cabinet (if any), Internet termination routers/devices and power supply. Should also include proposed location of the AP’s and power sources

# Conclusion/Observations/Recommendations