International Options, Inc.

Ekahau Report Template

By: Ferney Muñoz

www.internationaloptions.us

Presented to [name of client goes here]



Project Name: <#${project-name}#>

Project Location: <#${project-location}#>

Project Notes: <#${project-notes}#>

# Executive Summary

A summary of the findings go here.

**2.4GHz Analysis**

A report on 2.4GHz findings with screenshot for real time frequency monitor goes here.

**5GHz Analysis**

A report on 5GHz findings with screenshot for real time frequency monitor goes here.

**Infrastructure**

Show pictures with images of mounting of some APs.

Recommendations

Based on the findings and to improve the RF environment, it is recommended:

1. Make recommendations on 2.4GHz
2. Make recommendations on 5GHz
3. Make recommendations about infrastructure changes
4. Talk about channel widths.
5. Power levels
6. Number of SSIDs

Table of Contents

[AP Locations 3](#_Toc113040509)

[Signals in 2.4GHz 4](#_Toc113040510)

[Signals in 5GHz 5](#_Toc113040511)

[List of APs per Floor 6](#_Toc113040512)

[Detailed information per AP 7](#_Toc113040513)

# AP Locations

Approximate location of APs on the map are based on Ekahau’s RSSI readings and do not represent actual AP locations. Orange circles represent APs that belong to COMPANY and are advertising the networks [***SSIDs*].** The blue and red colored circles represent APs [or devices functioning as APs] that are operating within the facilities for other services and generating signals strong enough to cause interference.

**<#“loop-start”: {“type”: “floors”}#>**

**<#${floor-name}#>**

<#"visualization":{

 “width-in-millis”: “140”,

“surveys”: “true”,

"heatmap": {

"type": “sig-strength”,

"accuracy": “fair”,

 "adapter": "Measured"},

 "aps": {

 “show-name”: “true”,

“scale”: “150%”,

 “show-radios”: “false”

 }

}#>**<#“loop-end”: {“type”: “floors”}#>**

|  |
| --- |
| Signals in 2.4GHz |
| **<#“loop-start”: {“type”: “floors”}#>Signals in 2.4GHz from all APs covering <#${floor-name}#>**<#"visualization":{“width-in-inches”: “3.5”,“surveys”: “true”,"heatmap": {"type": “sig-strength”,"accuracy": “fair”,"adapter" : "Measured","filter" : {"include" : {“owner” : “all”,"band" : “2.4”}}},"aps": {“show-name”: “true”,“scale”: “150%”,“show-radios”: “true”}}#>**Signal Levels** <#{"visualization-legend":{“width-in-millis”: “60”}}#> | <#{"visualization-statistics":{“width-in-millis”: “100”}}#>**<#”loop-end”:{“type”:”floors”}#>** |

|  |
| --- |
| Signals in 5GHz |
| **<#“loop-start”: {“type”: “floors”}#> Signals in 5GHz from all APs covering <#${floor-name}#>**<#"visualization":{“width-in-inches”: “3.5”,“surveys”: “true”,"heatmap": {"type": “sig-strength”,"accuracy": “fair”,"adapter" : "Measured","filter" : {"include" : {"band" : “5”}}},"aps": {“show-name”: “true”,“scale”: “150%”,“show-radios”: “true”}}#>**Signal Levels** <#{"visualization-legend":{“width-in-millis”: “60”}}#> | <#{"visualization-statistics":{“width-in-millis”: “100”}}#>**<#”loop-end”:{“type”:”floors”}#>** |

# List of APs per Floor

**<#“loop-start”: {“type”: “floors”}#><#${floor-name}#>** **<#“loop-start”: {“type”: “aps”, “filter” : {“include” :** **{“ap-color” : “orange”}}}#>**

<#${ap-name}#>

**<#“loop-end”: {“type”: “aps”}#><#“loop-end”: {“type”: “floors”}#>**

**APs on the map that do not belong to COMPANY’s Infrastructure**
<#“loop-start”: {“type”: “floors”}#>**<#${floor-name}#>**<#“loop-start”: {“type”: “aps”, “filter” : {“include” : {“owner” : “other”}}}#>

<#${ap-name}#>

**<#“loop-end”: {“type”: “aps”}#><#“loop-end”: {“type”: “floors”}#>**

# Detailed information per AP

**<#“loop-start”: {“type”: “floors”}#><#${floor-name}#>**

|  |  |  |
| --- | --- | --- |
| **<#“loop-start”: {”type”: ”aps”, "filter": {"include": {"owner": "my"}}}#><#”**loop-start”: {“type”: “radios”, “filter”: {“include”: { “band”: “2.4”}}}#>**<#${floor-name}#>: <#${ap-name}#>****Channel: <#${channel}#>**<#”visualization”: { “heatmap”:{ “type”: “sig-strength”, “accuracy”: “fair”},“aps”: {“scale”: “250%”, “show-name”: “true”}, “width-in-millis”: “70”, “resolution-width”: “-1.0”}#><#”loop-end”: {“type”: “radios”}#><#{"visualization-legend":{“width-in-millis”: “70”}}#><#”if”:{“count”:{“comparator”:”>”,”compare-to”:”0”,”type”:”aps”,”filter”: {“include”: {“has-image”:”true”}}}}#>**AP Picture:**<#"ap-note-image":{ "width-in-inches": "3.2"}#><#”else”:{}#><#{“endif”:{}}#> | <#”loop-start”: {“type”: “radios”, “filter”: {“include”: {“owner”: “my”, “band”: “5”}}}#> **<#${floor-name}#>: <#${ap-name}#>****Channel: <#${channel}#>**<#”visualization”: { “heatmap”:{ “type”: “sig-strength”, “accuracy”: “fair”}, “aps”: {“scale”: “250%”, “show-name”: “true”}, “width-in-millis”: “70”, “resolution-width”: “-1.0”}#><#”loop-end”: {“type”: “radios”}#><#{"visualization-legend":{“width-in-millis”: “70”}}#> | AP Vendor: <#${ap-vendor}#>SSIDs being advertised Hidden SSID = wdata2**2.4 GHz SSIDs:**<#“loop-start”: {“type”: “radios”, “filter”: {“include”: { “band”: “2.4”}}}#><#“loop-start”: {“type”: “ssids”}#><#${ssid}#><#${nl}#><#“loop-end”: {“type”: “ssids”}#><#“loop-end”: {“type”: “radios”}#>**5 GHz SSIDs:**<#“loop-start”: {“type”: “radios”, “filter”: {“include”: { “band”: “5”}}}#><#“loop-start”: {“type”: “ssids”}#><#${ssid}#><#${nl}#><#“loop-end”: {“type”: “ssids”}#><#“loop-end”: {“type”: “radios”}#>**<#“loop-end”: {“type”: “aps”}#>** |

**<#“loop-end”: {“type”: “floors”}#>**