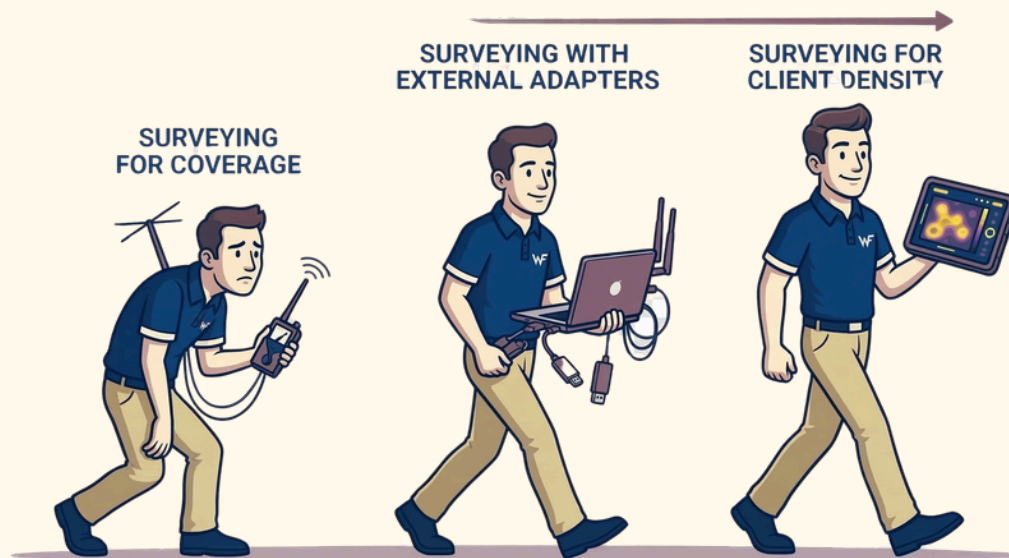


The **3 Ways** Wi-Fi Design Has Evolved

(Since my career started in 2019)



[linkedin.com/santoseva](https://www.linkedin.com/santoseva)

Slide



1.

Offsetting Requirements, not Offsetting Devices

Client device RSSI varies wildly, even when stationary. The industry has moved towards simply offsetting your survey required RSSI.



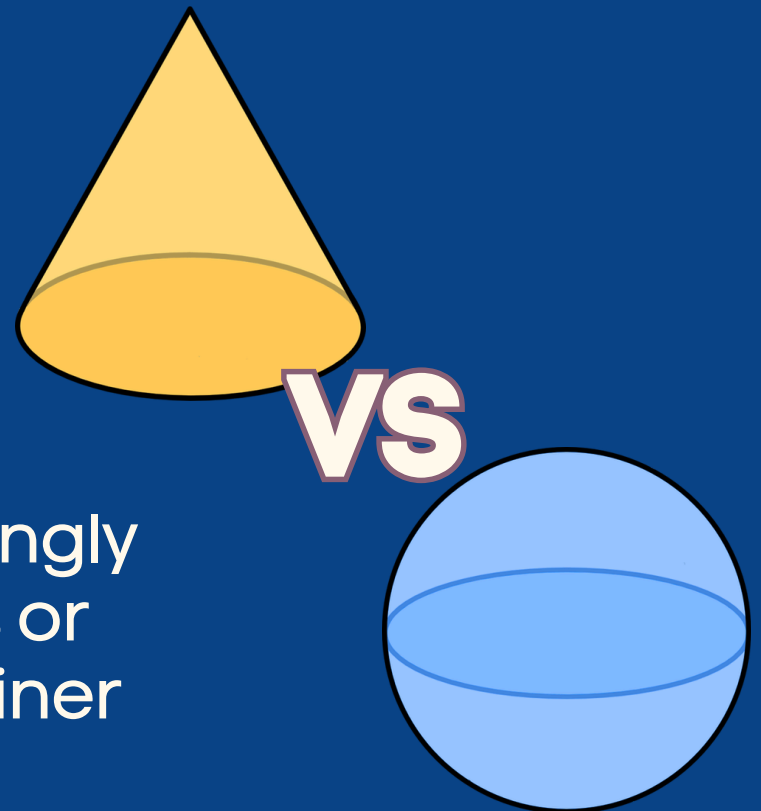
Slide 

2.

High Client Density Design with

Directional Antennas

High gain antennas are increasingly common in indoor, open offices or other dense areas that require finer control over the coverage cell.



Slide



3.

Say Co-channel Contention ✓

Not Co-channel Interference ✗

Per Peter Mackenzie's advocacy, co-channel interference is Wi-Fi working as expected.

Co-channel contention describes STAs that all speak the same language (802.11) fighting each other.

”

I solemnly swear that from this day forward, I will only use the term Co-Channel Contention (CCC), and the term Co-Channel Interference (CCI) is officially banned from my vocabulary.”

”



Slide >



Conclusion?

Design has changed a lot

Before, I used static offsets. Now. I think of device behavior more holistically.

I'm also thinking of directional antennas as more than "just for aisles".

Lastly, I went from seeing CCI in my first CWNA book to saying CCC.

Slide

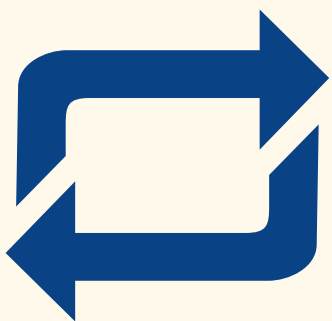


Find
this
helpful?



Eva Santos
← **Likes Wi-Fi**
WiFrizzy.com

Repost



Follow



linkedin.com/santoseva

Share

