

What Types of LPV?

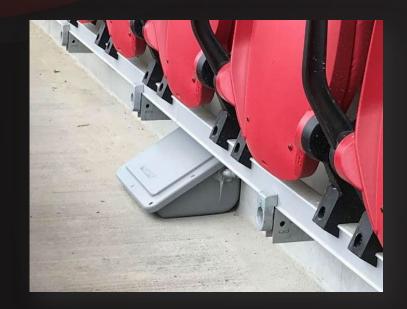
- Stadiums/Arenas
 - Open-Air
 - Enclosed





Open-Air Enclosed

Design Methodologies



Under Seat



Overhead



Handrail

Stadiums and Arenas Under Seat

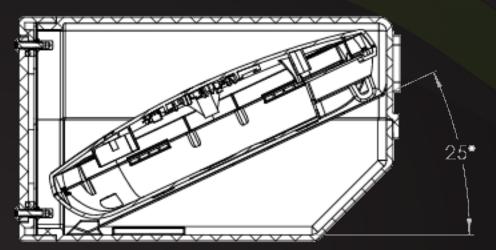
-Best Open-Air Solution

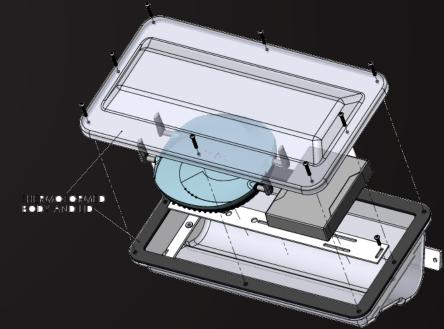
-Coverage Changes Depending On Attendance

-Low Profile Aesthetics And Easier Maintenance

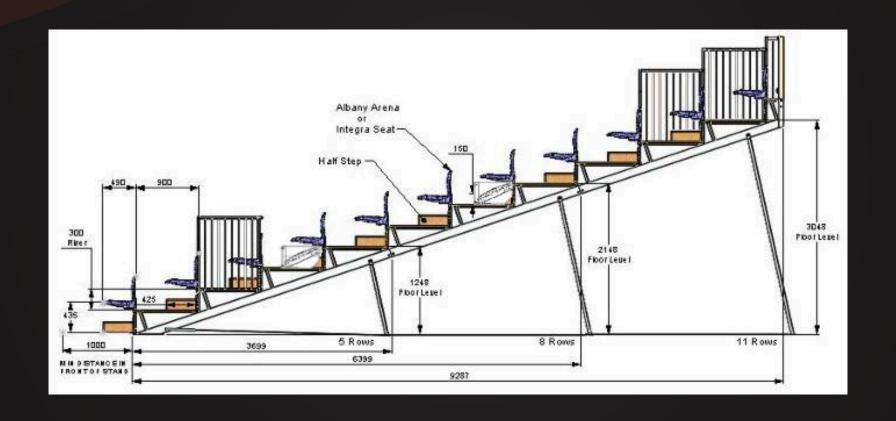
-Typically Allows For More Channel Reuse (In Open-air)

-Every Under Seat Is Different

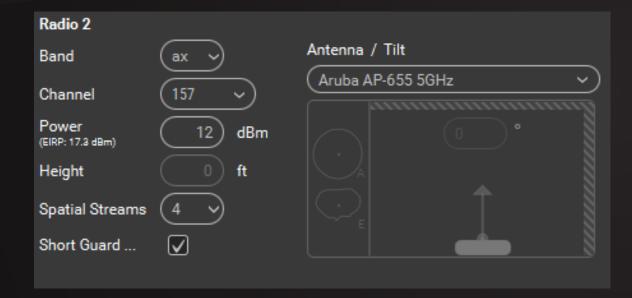


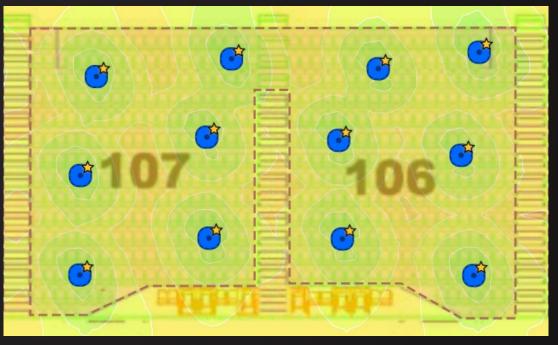


Under Seat

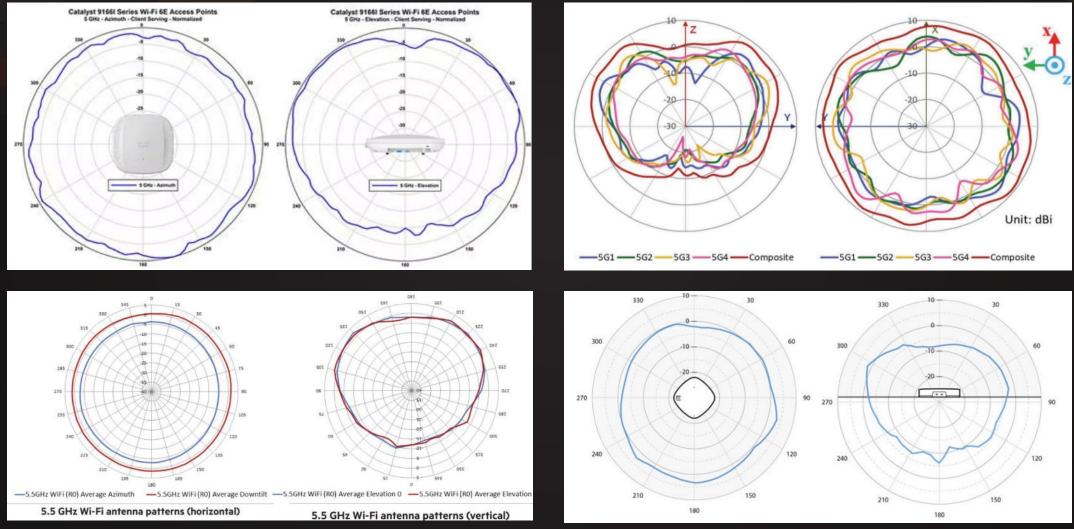


Under Seat - Design

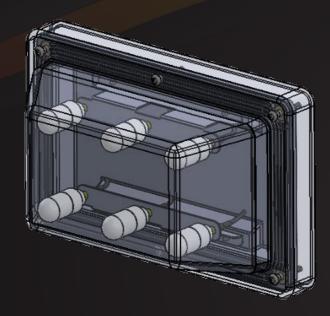




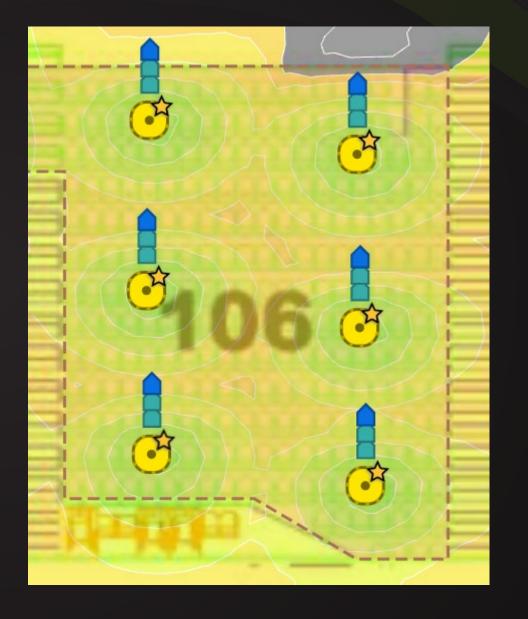
Under Seat - Internal Downtilt



Under Seat







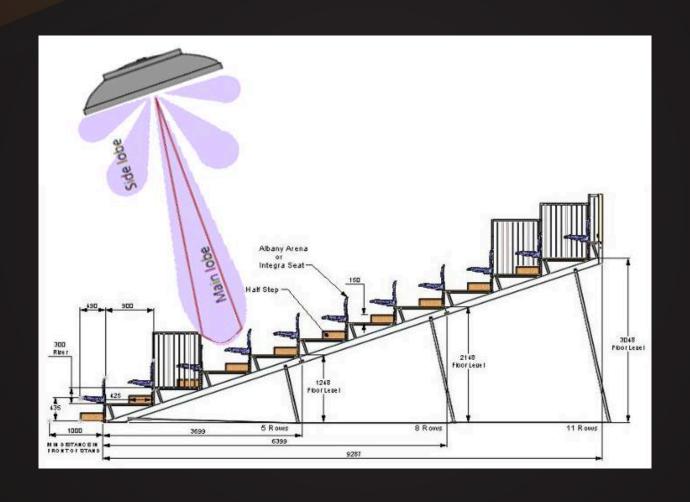
Stadiums and Arenas Overhead

- -Best Enclosed Solution
- -Coverage Isn't Dependent On Attendance
- -Cleaner Aesthetics (Non-visible) But Harder Maintenance
- -Typically See More Reflectance (In Enclosed Arenas)



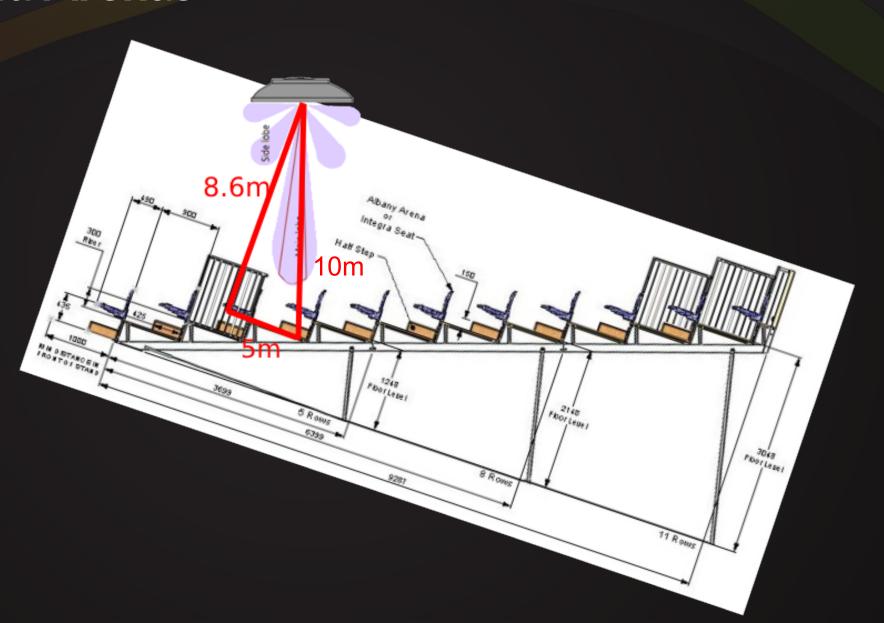


Overhead



Overhead - Trig





Overhead



Overhead - Outdoor

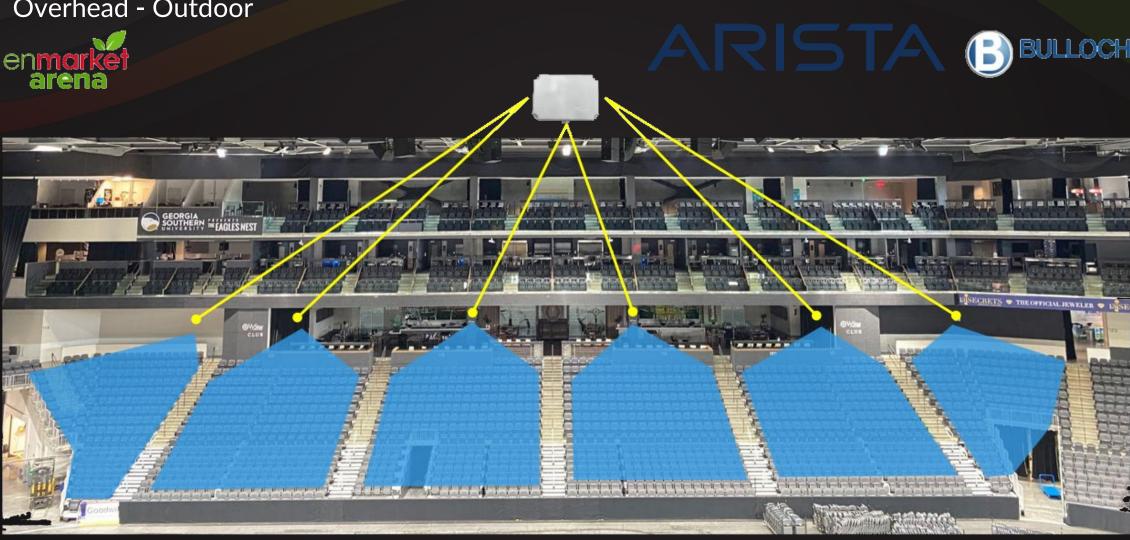








Overhead - Outdoor



Handrail

- -Usable For Both Open-air And Enclosed Solution
- -Coverage Changes Depending On Attendance
- -Low Profile Aesthetics And Easier Maintenance
- -Every Handrail Is Different
- -ADA/EDA Concerns

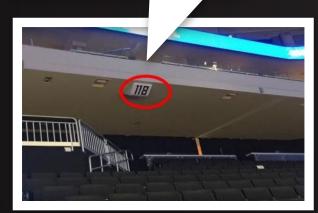




Handrail



Enclosure Interior

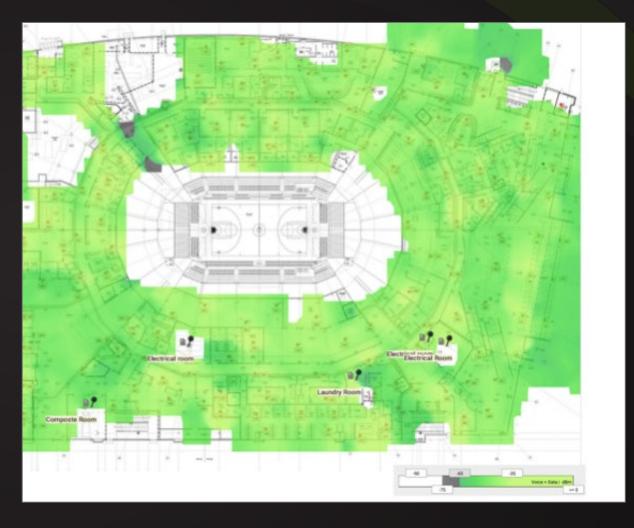


Custom Enclosure w/ Antennas Inside



Bi-Directional Handrail Antenna







Survey!!!

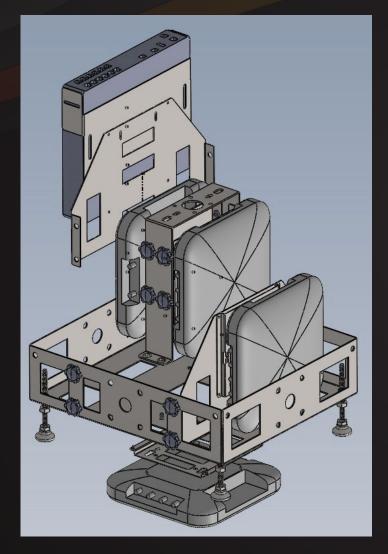


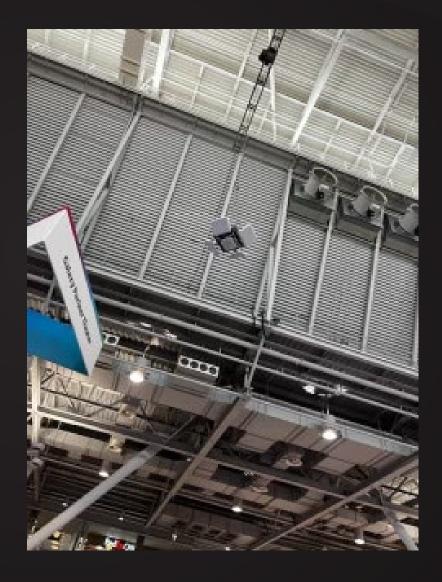




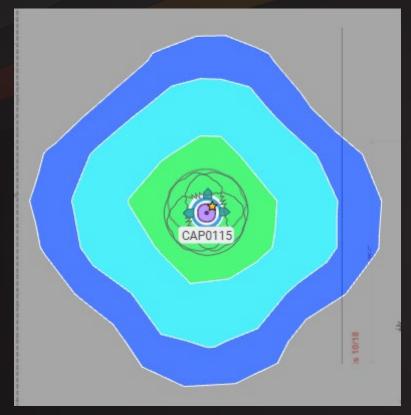
- -High-Density
- -Mobile
- -High Aesthetic Requirements
- -Typically* Higher Average Use But Lower Peak Use
- -Rogue APs









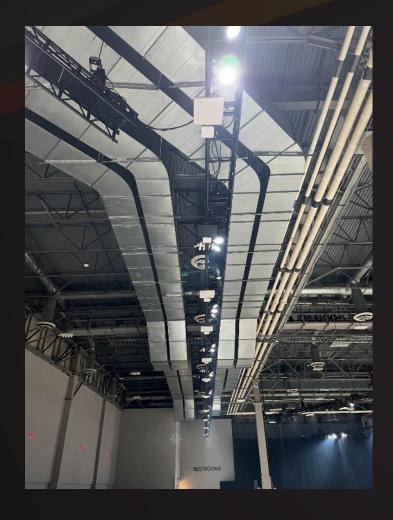


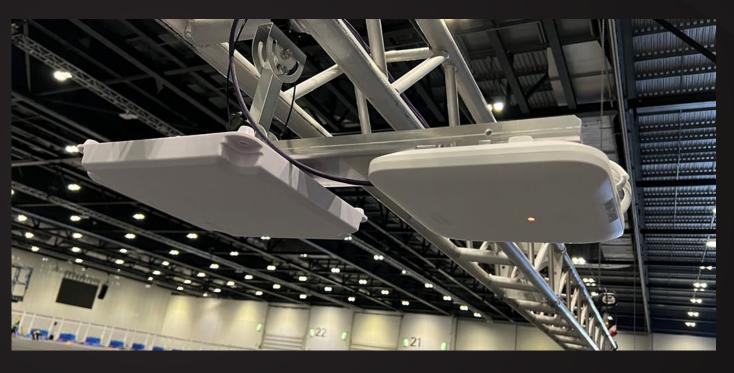
4 APs











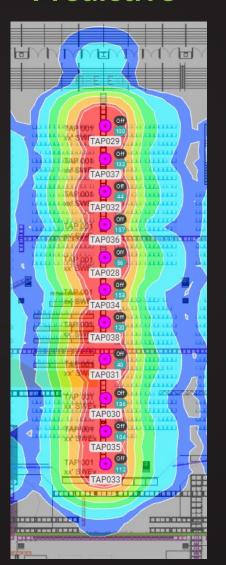




Survey

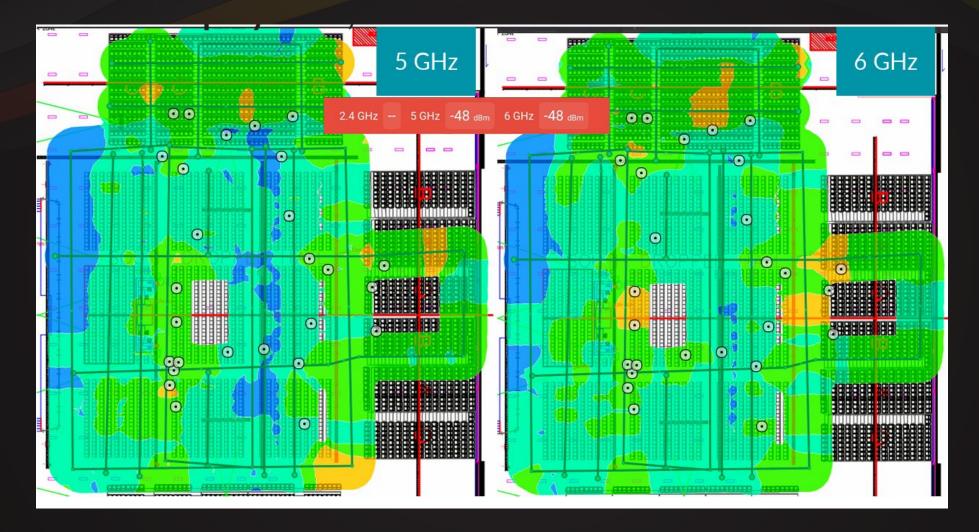


Predictive











Thank You!



CONNOR BURKE Product Manager & Engineer, AccelTex Solutions @WiFiAggie

