

WHAT IS DAS?

and

WHY DO I NEED IT?



Distributed Antenna Systems; simplified.

Wired communications are quickly becoming cumbersome in today's fast paced world of wireless networks. Wi-Fi is king, and without it, many businesses would simply not be able to run or perform day-to-day operations.

DAS, or Distributed Antennae system is a network of antennas that, together, broadcast a Wi-Fi connection over a specified geographic area. By using this system, connectivity can be improved, and your risk of losing connection is lessened,

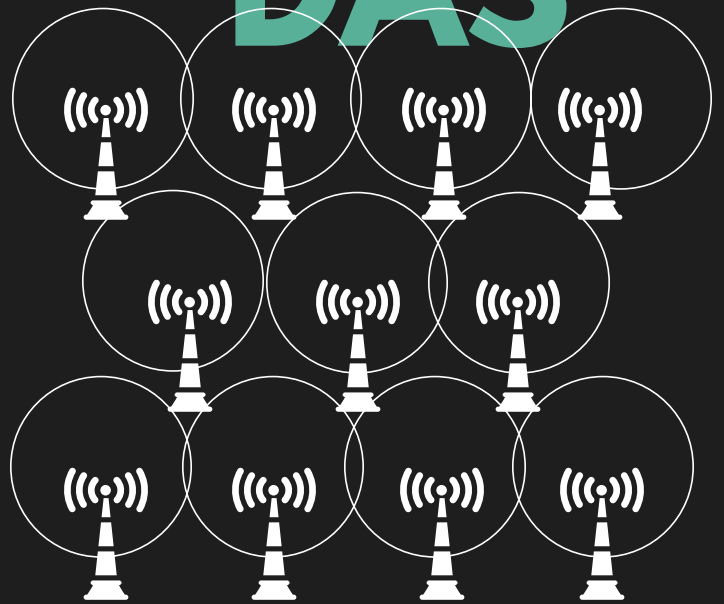
WHAT'S THE DIFFERENCE?

SINGLE ANTENNA SYSTEM



A normal antenna system has one antenna that is responsible for broadcasting the Wi-Fi signal to your entire building or campus. If that antenna goes out, or faults, your network connection is negatively affected for the entire area.

DAS



A Distributed Antenna System has multiple antennae that span across a geographic area, to decrease the pressure on a single antenna and spread reliable Wi-Fi connection across a larger area.

BENEFITS OF DAS



Stronger Wi-Fi Connection: multiple antennae allow for more users on the network without increasing strain on the connection



Less Power is Used: small antennas don't require copious amounts of power like large antennas.



No Holes: Since each antenna's coverage slightly overlaps with the next closest antenna's, there are no holes in coverage.



Less Risk: With many different working antennas, if one breaks down or experiences problem, you will still have other working areas. Not so with a singular antenna.

WHERE SHOULD DAS BE USED?

DAS should be used anywhere Wi-Fi is used or needed across a large geographic area: larger than a small building or house. Areas that would have large amounts of internet users are also ideal for DAS.



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Hospitals**



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