

# Global Distributed Antenna Systems (DAS) Market (2018-2023)

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## Abstracts

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Distributed antenna systems (DAS) addresses poor network-coverage related issues in isolated spots, such as inside large buildings. It involves the installation of a network of small antenna throughout the structure, which is connected to a server. The antennae are connected to a controller, which in turn is connected to the base station via the wireless carrier's network. DAS helps telecommunication companies deal with poor or no coverage, both inside and outside buildings. The global distributed antenna systems market is expected to expand at a CAGR of 12.16%, leading to global revenue of USD 12.2 Bn by 2023.

Businesses are witnessing growing demand for the allocation of a wide variety of wireless technologies in indoor spaces. Telecommunication companies are competing to provide improved connections and services to their customers. They are competing for access rights to indoor venues like stadiums, casinos, and corporate offices. DAS improves wireless connectivity and cell phone reception inside such buildings, thus increasing their resale value. The global distributed antenna systems market segment is based on offering, ownership, verticals, and geography.

'Offering' segment insights:

The 'offering' segment is further categorized based on components and services. The services segment dominated the market with a share of around 65% in 2017, owing to the benefits of pre-installation. The market for components is projected to expand at a CAGR of 9.1% over 2018–2023.

### Ownership segment insights:

The 'ownership' segment includes carriers, neutral-hosts, and enterprises. Globally, the carrier ownership model held the largest share (around 44%) of the market in 2017. The neutral-host model is gaining popularity with regard to multi-tenant and third parties' involvement in deployment and maintenance. The market for neutral-hosts is projected to expand at a CAGR of 10.3% during 2018-2023.

### Verticals segment insights:

The verticals segment includes 'commercial', 'public', and 'others.' The public sub-segment held the largest market share (around 45%) within the vertical segment. Growing passenger traffic in railways, airports, and other public places is expected to boost mobile data traffic, which will enhance the requirement for communication networks in such areas. This will drive the demand for distributed antenna systems in the public sector. The commercial vertical is expected to expand due to the increasing adoption of DAS by various corporate offices, to improve connectivity and productivity.

### Regional insights:

The global distributed antenna systems market has been divided into the following regions: North America, Europe, Asia-Pacific, Latin America, and the Middle East and Africa (MEA).

North America dominated the distributed antenna systems market in 2017, with a share of 32.76%. North America has high Internet penetration, and existing organizations are trying to provide better network coverage across buildings through the installation of DAS. The U.S. is the biggest contributor to this market due to the growing number of smartphone users and the proliferation of technologies like IOT. Both active and passive DAS are being deployed across the country to enhance network connectivity and improve productivity in the workplace. Asia-Pacific is a promising region and is expected to expand at the highest CAGR (14.2%) during 2018–2023.

### Companies covered:

Verizon

AT&T

Commscope

Cobham telecom system

SOLid Technologies

American tower corporation

Sprint

Boingo Wireless

Corning

Zinwave

Customizations available

With the given market data, Netscribes offers customizations according to specific needs. , or connect with us here.

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