

Distributed Antenna Systems (DAS): Market Outlook and Forecasts for DAS Solutions 2017 - 2022

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Abstracts

Since the inception of commercial wireless technology, network operators have strived to obtain the maximum number of users. Consequently, there has been a constant struggle to maintain the quality of service for increasing number and usage of cellular systems. In addition, as wireless service expands to areas outside of metropolitan areas, people may be located in isolated places where regular base transceiver stations (BTS) is not a viable option. This is particularly obvious in indoor use of the communication services in densely populated areas and buildings where the building may have many floors underground or formed of steel structure in addition to high-rise buildings.

A promising solution to solve all of these issues is to deploy a Distributed Antenna System (DAS). The DAS will typically consist of group of antennas physically connected to a controller that is connected to the carrier macro cell. DAS will serve as a repeater to the nearest BTS and extend its broad range of service to very narrow areas where there is a great demand in wireless services. DAS also improve overall capacity and represent a complementary solution to other optimization technologies such as small cells and self-organizing networks (SON).

This research provides analysis of the DAS market, including carrier WiFi, small cells, and SON market drivers, challenges, and opportunities. The report evaluates leading companies in the DAS ecosystem and their solutions. The report provides a analysis of the underlying technology supporting DAS solutions including SON technology and how



it is crucial to the success of DAS. The report includes a global and regional assessment of the market size and forecasts for the DAS market from 2017 to 2012.

Target Audience:

- · Mobile Device Vendors
- Mobile Network Carriers
- · Service Bureau Companies
- · WiFi Infrastructure Vendors
- · Distributed Antenna Vendors
- · Wireless Infrastructure Vendors
- · Small Cell Infrastructure Vendors



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