

**U.S. DAS Market
Forecast, 2013 - 2018:
*Installations, Tenancy,
and Spending***

Market Study
Fourth Quarter, 2014





U.S. DAS Market Forecast, 2013 - 2018: *Installations, Tenancy, and Spending*

A Market Study

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Table of Contents

Abstract	1
Executive Summary	3
Figure A: Installed DAS Systems, 2013-2018	3
Figure B: DAS Build Spending and Operating Costs (000), 2013-2018.....	5
Methodology	6
DAS Architecture	7
Figure 1: Basic DAS Configuration.....	8
Figure 2: DAS, BTS Hotels, and Remote Radio Heads	9
Hybrid Antenna System	9
DAS/Small Cell Architecture	10
Neutral-Host DAS vs. Single Host DAS	11
Table 1: Benefits of Neutral-Host DAS.....	11
AT&T Antenna Solutions Group (ASG)	12
Advantages and Challenges of DAS	13
Challenges with DAS Deployments	13
Table 2: Challenges of DAS	13
Advantages Provided by DAS	14
Table 3: Advantages of DAS	14
Comparing DAS to Other Small Cells	15
Table 4: Different Types of Small Cells, Licensed and Unlicensed Spectrum.....	15
DAS Use Cases	18
Illustrating Concentrated Mobile Data Demand	18
Table 5: Subscriber Data Usage over DAS, Early 2014	19
Improvements to Voice Service	19
Location of Voice Improvements	20
Table 6: Location of Voice Improvements, Personal vs. Work Users.....	20
Figure 3: Location of Voice Improvements	21
Types of Desired Voice Improvements	21
Table 7: Types of Desired Voice Improvements	22
Figure 4: Types of Desired Voice Improvements	22
Buildings in the U.S.	23
Commercial buildings	24
Table 8: Commercial Buildings in the U.S., Estimated for 2013.....	25
Figure 5: Buildings in the U.S., 2003	25
Table 9: Number of Floors per Commercial Building, 2003	26
Figure 6: Number of Floors per Commercial Building, 2003.....	26
Table 10: Commercial Buildings per Floor Space Category, 2013.....	28
Figure 7: Buildings per Floor Space Category, 2013	28

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DAS: Total Addressable Market Forecast	29
Core Assumptions.....	29
Methodology	31
Commercial Building Forecast.....	31
Table 11: Total Number of DAS Candidate Buildings, 2013-2018.....	32
Figure 8: Total Number of DAS Candidate Buildings, 2013-2018	33
Table 12: Total Nodes Among DAS Candidate Commercial Buildings, 2013-2018	33
Figure 9: Total Nodes Among DAS Candidate Commercial Buildings, 2013-2018	34
Multi-Dwelling Unit Forecast	34
Table 13: Number of Occupied MDUs by Floor, 2013-2018	34
Figure 10: Number of Occupied MDUs by Floor, 2013-2018.....	35
Table 14: Number of DAS Candidate MDUs, 2013-2018	36
Figure 11: Number of DAS Candidate MDUs, 2013-2018	36
Table 15: Potential Total Number of Nodes at MDU DAS Candidate Buildings, 2013-2018.	37
Figure 12: Potential Number of Nodes at MDU DAS Candidate Buildings, 2013-2018	37
Combined DAS Total Addressable Market Forecast.....	37
Table 16: Total Addressable Market, DAS Candidate Buildings 2013-2018.....	38
Figure 13: Total Addressable Market, DAS Candidate Buildings 2013-2018	38
U.S. DAS Installations Forecast.....	39
Installed DAS Forecast	39
Table 17: Installed DAS Forecast, 2013-2018	40
Figure 14: Installed DAS Forecast, 2013-2018	40
Installed DAS by Building Size	41
Table 18: Installed DAS Forecast by Building Square Footage, 2013-2018.....	41
Figure 15: Installed DAS Forecast by Building Square Footage, 2013-2018	41
DAS Carrier Tenancy	42
Table 19: Carrier Tenancy on DAS, 2013-2018	42
Table 20: Carrier DAS and Installed DAS, 2013-2018.....	42
Figure 16: Carrier DAS and Installed DAS, 2013-2018	43
Forecasting Build Spending and Operating Costs.....	43
Figure 17: DAS Installation Cost Matrix	45
Table 21: DAS Build Spending and Operating Costs (000), 2013-2018	45
Figure 18: DAS Build Spending and Operating Costs (000), 2013-2018.....	46
DAS Vendor Profiles.....	47
Advanced RF Technologies, Inc. (ADRF).....	47
Axell Wireless / Cobham.....	48
Betacom Incorporated.....	51
Black Box Network Services	52
BTI Wireless.....	54
C Squared Systems.....	56
CSI (Cellular Specialties, Inc.)	57
Comba Telecom	59
CommScope	61
Connectivity Wireless Solutions	64
Corning MobileAccess.....	66

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Figure 19: MobileAccess Total DAS Solution	68
Crown Castle	69
Figure 20: Crown Castle DAS Solution	70
Figure 21: Crown Castle DAS Solution	71
Ethertronics	73
ExteNet Systems	75
Galtronics	77
iBwave.....	79
RFS - Radio Frequency Systems	81
SOLiD.....	83
Solutelia	86
TE Connectivity	87
Zinwave	90
Figure 22: Zinwave System 3000 DAS	90
Definitions	94
General.....	94
Device Types.....	94
Services	95
Network Technology.....	96
About iGR	101
Disclaimer.....	101

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Abstract

Since a great deal of mobile phone usage happens indoors, mobile operators are looking to small cells as a way to solve in-building coverage/capacity issues. A DAS is a type of small cell – along with repeaters, remote radio heads, femtocells, picocells, metrocells and WiFi.

DAS is a wireless telecommunications architecture that is characterized by multiple antennas connected to processing units that are distributed throughout a venue – e.g., a stadium, hotel, airport, etc. DAS requires an antenna/repeater and cellular base station to provide a RF signal throughout a building or other indoor/outdoor area. DAS systems are typically deployed to improve both the voice and data coverage on licensed cellular bands in a variety of venues.

This *iGR* market study defines DAS architecture, overviews use cases, profiles more than twenty DAS vendors, and provides a five year forecast for the number of installed DAS in the U.S. and the total addressable market for DAS in the U.S.

Key questions addressed:

- What is the DAS architecture?
- How do DAS and small cells compare?
- What is the difference between neutral DAS and single host DAS?
- What are the challenges that surround a DAS deployment?
- What are the advantages provided by DAS?
- What are the typical use cases for DAS?
- What improvements do U.S. consumers want in their cellular voice coverage and how might DAS help provide these improvements?
- What are the key elements and assumptions in *iGR*'s market forecast for installed and carrier DAS?
- What is the five year market forecast for installed and carrier DAS?
- What are the key elements and assumptions in *iGR*'s build spending and operating costs forecast for installed DAS?
- What is the five year build spending and operating costs forecast for installed and carrier DAS?

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- What are the key elements and assumptions in *iGR*'s total addressable market forecast for DAS?
- What is the five year total addressable market forecast for DAS systems in both commercial buildings and multi-dwelling units (MDUs)?

Who should read this report?

- Mobile operators
- DAS vendors and solution providers
- Mobile network infrastructure OEMs
- Mobile network software and services providers
- Financial analysts and investors.

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