Driven by in-building wireless coverage requirements and the growing influx of mobile data traffic, a conventional macrocell based cellular network deployment is not deemed to be a sufficient solution to address the coverage and capacity needs of today's wireless subscribers.

Mobile operators are thus increasing their investments in Heterogeneous Network or HetNet infrastructure such as strategically deployed small cells, carrier Wi-Fi and DAS (Distributed Antenna Systems), to cope with growing capacity and coverage requirements. Adding further to the heterogeneity is the shift towards a C-RAN (Centralized RAN) architecture, which centralizes baseband functionality to be shared across a large number of distributed radio nodes. In comparison to standalone clusters of base stations, C-RAN provides significant performance and economic benefits such as baseband pooling, enhanced coordination between cells, virtualization, network extensibility and energy efficiency.

Driven by the thriving ecosystem, we expect small cell, carrier Wi-Fi, C-RAN and DAS investments to account for nearly $13 Billion by the end of 2016. The market is further expected to grow at a CAGR of 15% between 2016 and 2020, as mobile operators remain committed to tackle the continued growth of mobile data traffic and evolving coverage requirements.

The "HetNet Ecosystem (Small Cells, Carrier Wi-Fi, C-RAN & DAS): 2016 - 2030 - Opportunities, Challenges, Strategies & Forecasts" report presents an in-depth assessment of the HetNet ecosystem including enabling technologies, key trends, market drivers, challenges, standardization, regulatory landscape, deployment models, use cases, vertical markets, operator case studies, opportunities, future roadmap, value chain, ecosystem player profiles and strategies. The report also presents forecasts for HetNet infrastructure investments from 2016 till 2030. The forecasts cover 6 individual submarkets and 6 regions.

The report comes with an associated Excel datasheet suite covering quantitative data from all numeric forecasts presented in the report.
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10.5 Airspan Networks
10.6 Alpha Networks
10.7 Altiostar Networks
10.8 Arcadyan Technology Corporation
10.9 Argela
10.10 ARItel
10.11 Artemis Networks
10.12 Askey Computer Corporation
10.13 ASOCS
10.14 Athonet
10.15 Athena Wireless Communications (Google)
10.16 Axxcelera Broadband Wireless (Moseley Associates)
10.17 Brocade Communications Systems
10.18 Casa Systems
10.19 CCI (Competitive Companies, Inc.)
10.20 Contela
10.21 CS Corporation
10.22 Datang Mobile
10.23 Dongwon T&I
10.24 Femtel (Suzhou Femtel Communications)
10.25 Gemtek Technology Company
10.26 GENBAND
10.27 GWT (Global Wireless Technologies)
10.28 HP (Hewlett-Packard)
10.29 ip.access
10.30 Juni Global
10.31 Juniper Networks
10.32 Lemko
10.33 LGS Innovations
10.34 Mitel Networks Corporation
10.35 New Postcom Equipment Company
10.36 NewNet Communication Technologies
10.37 Nutaq
10.38 Oceus Networks
10.39 Panda Electronics (Nanjing Panda Electronics Company)
10.40 Parallel Wireless
10.41 Polaris Networks
10.42 Potevio (China Potevio Company)
10.43 Quanta Computer
10.44 Qucell
10.45 Quortus
10.46 Redline Communications
10.47 Sagemcom
10.48 Samji Electronics Company
10.49 SerComm Corporation
10.50 SK Telesys
10.51 SpiderCloud Wireless
10.52 Star Solutions
10.53 Sunnada (Fujian Sunnada Communication Company)
10.54 Taqua
10.55 Tecom
10.56 TEKTELCIC Communications
10.57 Telum
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10.59 WNC (Wistron NeWeb Corporation)
10.60 Z-Com (ZDC Wireless)
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11.1 AceAxis
11.2 ADRF (Advanced RF Technologies)
11.3 Affarii Technologies
11.4 American Tower Corporation
11.5 Arqiva
11.6 Axis Teknologies
11.7 Black Box Corporation
11.8 BTI Wireless
11.9 CCI (Communication Components Inc.)
11.10 CCI (Crown Castle International)
11.11 CCI Systems
11.12 Cobham Wireless
11.13 Comba Telecom Systems Holdings
11.14 CommScope
11.15 Corning
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11.17 DeltaNode (Bird Technologies)
11.18 Ethertronics
11.19 ExteNet Systems
11.20 Foxcom
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11.24 JRC (Japan Radio Company)
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11.26 Kisan Telecom
11.27 KMW
11.28 Kathrein-Werke KG
11.29 MER-CellO Wireless Solutions
11.30 Microlab (Wireless Telecom Group)
11.31 MTI Mobile
11.32 Nexius
11.33 Nextricity
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11.35 RFS (Radio Frequency Systems)
11.36 Rosenberger
11.37 SOLiD (SOLiD Technologies)
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11.41 Westell Technologies
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