

The Small Cells Market 2012-2017

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Abstracts

Following the widespread growth of smartphones and other portable connected devices in recent years, there has been a huge expansion in mobile data consumption. One of the key issues for MNOs has been to address this increasing data traffic demand with sufficient capacity at high speeds. Due to limited spectrum availability and increasing rates of data consumption, the user experience is somewhat sacrificed. One of the solutions to the rising wireless broadband capacity crunch is through deploying heterogeneous networks (Hetnets) comprising macro cells and a range of small cell solutions namely microcells, picocells, carrier Wi-Fi and femtocells. Visiongain has determined that the value of the global small cells market in 2012 will reach \$233.7 million.

Small cells are being widely deployed by mobile operators throughout the world. 2G/3G small cells are already being used widely by operators for the purposes of boosting network capacity in urban areas, provide wider coverage in rural areas, and furthermore to extend services into large public areas such as train stations, airports and shopping malls. More recently, with the widespread rollout of 4G LTE technologies there has been a renewed vigour in the deployment of 4G small cells in the form of public space femto cells and mini eNode base stations, in order to keep up with the increasing capacity and backhaul requirements for ubiquitous access to mobile broadband at 4G speeds.

Visiongain predicts significant growth in the small cells market, particularly in the 4G small cell types. The market is poised for growth for vendors and solution providers as there is a huge uptake both from the consumer market, enterprise sector and the mobile operators, driven by limited spectrum and capacity constraints,

What makes this report unique?

Visiongain consulted widely with industry experts and full transcripts from these exclusive interviews are included in the report. As such, our reports have a unique blend of primary and secondary sources providing informed opinion. This approach allows insight into the key drivers and restraints behind technology developments, as well as identifying the leading companies. The report also presents a unique blend of qualitative analysis combined with extensive quantitative data including global, submarket and regional markets forecasts from 2012-2017 - all highlighting strategic business opportunities.

Why you should buy The Small Cells Market 2012-2017

138 pages

4 exclusive visiongain interviews with experts from-
Ubiquisys

Small Cell Forum

Stoke

Ruckus Wireless

58 tables, charts, and graphs

Global small cell market revenue forecasts between 2012-2017

Global small cell shipment forecasts between 2012-2017

5 small cells type shipments & market forecasts from 2012-2017

2G/3G Microcells

2G/3G Picocells

2G/3G Femtocells

4G Public Space Femtocells

4G Mini eNode B

5 regional small cell shipments & market forecasts between 2012-2017

North America

Asia Pacific

Europe

Latin America

Middle East & Africa

A SWOT analysis

22 leading companies identified and profiled -

Acme Packet

Agilent Technologies

Alcatel-Lucent

Arcent

BridgeWave Communications

Broadcom

Cisco Systems

EDX Wireless

Ericsson

Fujitsu

Hitachi

Huawei

Mindspeed Technologies

NEC

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COMPANIES LISTED

4M Wireless
Ablaze Wireless
Accelicon Technologies
Acme Packet
Agilent Technologies
AirHop
Airspan
Airvana
AirWalk
Alcatel Lucent
Altair Semiconductor
Alvarion
Anritsu
Apple
Argela
Aricent Group
Ascom
AT&T
AT&T Mobility
Aviat
AVM
Axis Teknologies
Azcom Technology
Bebo
Belair Networks
Bell Labs
BitWave Semiconductor
Bouygues Telecom (France)
Bridgewater Systems
Bridgewave Communications
Broadcom/Percello
BSNL (India)
BT (UK)
Cambridge Broadband Networks Limited
Cavium Networks
China Mobile
China Telecom

China Unicom
Chunghwa Telecom (Taiwan)
Cisco Systems
Claro (America Movil, Telecom Americas)
Clearwire
Comba Telecom
Comcast
Commnet Wireless
Contela
Continuous Computing - Trillium
Corning MobileAccess
Cox Communications
Crown Castle (NextG)
CSL
CSL (Hong Kong)
Deltanode
Deltenna
DesignArt Networks
DragonWave
EDX Wireless
Ericsson
Etisalat
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Freescale
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GCT Semiconductor
Gemtek
Google
Hitachi
Huawei
Hutchison 3 Group
ICEE
Icera (NVIDIA)
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Infinet
InnerWireless
Intel

InterDigital
ip.access
IPWireless
Ixia
Juni Global
Juniper Networks
KDDI (Japan)
Kineto Wireless
KPN
KT (South Korea)
LG Uplus (South Korea)
Lyrtech
Maxis (Malaysia)
MediaTek
MegaFon (Russia)
Mesaplexx
MetroPCS Communications
Mindspeed Technologies
MindTree Wireless
Minieum Networks
Mitsubishi
Mobile TeleSystems OJSC
Mosaic Telecom
Motorola
Motorola Mobility
Movilnet Venezuela (CANTV)
Movistar (Telefónica Móviles)
MTS (Russia)
MySpace
Nash Technologies
Ncell
NEC
Netflix
NETGEAR
NetHawk
Nextivity
Nintendo
Node-H
Nokia

Nokia Siemens Networks (NSN)
Nomor Research
Nortel
NSN-Motorola
NTT DoCoMo (Japan)
NTUA
Oi (Brazil Telecom, Telemar Participacoes, Portugal Telecom)
Option N.V.
Optiway
Orange (France)
Orange (UK)
Orascom
Panasonic
Panorama Antennas
picochip
PLDT (Smart Communications) (Philippine)
Powerwave
PT (Portugal)
PT Telkom (Indonesia)
Public Wireless
Qasara
Qualcomm
Quortus
Radisys
Radwin
Ranplan
Renesas Electronics
RFMD
Rogers Canada
Ruckus Wireless
Samsung Group
Sequans Communications
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SFR (France)
Siemens
SingTel
SK telecom (South Korea)
Softbank
Softbank (Japan)

Sony Ericsson
SpiderCloud
Sprint
ST-Ericsson
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Swisscom
Swisscom Mobile (Switzerland)
Symmetricom
Tata Elxsi
Tata Teleservices (India)
Tatara Systems
TE Connectivity
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Ubee Interactive
Ubiquisys
UTStarcom

Verizon Wireless
VimpleCom
Virgin Media (UK)
Vodafone (UK)
Vodafone Essar (India)
Vodafone Group
Vodafone Italy
Wind (Orascom, Italy)
Wintegra
Wipro
Wi-tribe Pakistan Ltd (Pakistan)
Yota (Russia)
YouTube
Zain (Saudi Arabia)
Zain Kuwait
Zinwave
ZTE
ZyXEL

GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT

3GPP: 3rd Generation Partnership Project
3GPP2: 3rd Generation Partnership Project
BBC
Mobile World Conference (MWC)
SEC: Securities and Exchange Commission
Small Cell Forum
Wi-Fi Alliance
Wimax Forum
Wireless Broadband Alliance

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