

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
Aricent
BridgeWave Communications
Broadcom
Cisco Systems
EDX Wireless
Ericsson
Fujitsu

Hitachi



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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

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Bridgewave Communications

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BSNL (India)

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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

ExteNet Systems

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Freescale

Fujitsu

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Gemtek

Google

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Hutchison 3 Group

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Infineon (Intel)

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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Siemens

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Softbank (Japan)



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Swisscom Mobile (Switzerland)

Symmetricom

Tata Elxsi

Tata Teleservices (India)

Tatara Systems

TE Connectivity

Tecom

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T-Mobile Czech Republic

T-Mobile Europe

T-Mobile USA

Traffix Systems

Tropper Technologies

Turkcell (Turkey)

Ubee Interactive

Ubiquisys

UTStarcom



Verizon Wireless

VimpleCom

Virgin Media (UK)

Vodafone (UK)

Vodafone Essar (India)

Vodafone Group

Vodafone Italy

Wind (Orascom, Italy)

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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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