+44 20 8123 2220
info@marketpublishers.com

The LTE, LTE-Advanced & 5G Ecosystem: 2016 – 2030 – Infrastructure, Devices, Operator Services, Verticals, Strategies & Forecasts

https://marketpublishers.com/r/LBACE4E6879EN.html
Date: September 2016
Pages: 399
Price: US$ 2,500.00 (Single User License)
ID: LBACE4E6879EN

Abstracts

As a natural upgrade path for mobile operators from the previously detached GSM, CDMA and TD-SCDMA ecosystems, LTE has emerged as the first truly global mobile communications standard. Commonly marketed as the “4G” standard, LTE promises to provide higher data rates and lower latency at a much lower TCO (Total Cost of Ownership) than 3G technologies.

The TCO and performance is further enhanced by deployment of small cells and the LTE-Advanced standard, which improves performance and data rates using features such as the aggregation of carriers, interference management and advanced antenna techniques.

With over 500 fully commercial network launches, LTE has become a mainstream technology, and a number of mobile operators have already deployed LTE-Advanced technology. SNS Research estimates that LTE service revenues will account for over $600 Billion in 2016. The figure is further expected to grow at a CAGR of more than 5% over the next four years.

While LTE and LTE-Advanced deployments are still underway, mobile operators and vendors have already embarked on R&D initiatives to develop so-called “5G” networks, with a vision of commercialization by 2020. 5G is essentially a revolutionary paradigm shift in wireless networking to support the throughput, latency, and scalability requirements of future use cases such as extreme bandwidth augmented reality applications and connectivity management for Billions of M2M (Machine to Machine) devices.

+44 20 8123 2220
info@marketpublishers.com

By 2020, LTE and 5G infrastructure investments are expected to account for a market worth $32 Billion. This includes spending on distributed macrocells, small cells, C-RAN architecture equipment and mobile core solutions.

The “LTE, LTE-Advanced & 5G Ecosystem: 2016 – 2030 – Infrastructure, Devices, Operator Services, Verticals, Strategies & Forecasts” report presents an in-depth assessment of the LTE, LTE-Advanced and 5G ecosystem including key market drivers, challenges, technologies, service revenue potential, deployment strategies, vertical market opportunities, mobile operator case studies, R&D initiatives, future roadmap, value chain, vendor assessment and market share. The report also tracks revenue and shipments for both infrastructure and devices, along with subscription and service revenue from 2016 through to 2030.

The report comes with an associated Excel datasheet suite covering quantitative data from all numeric forecasts presented in the report.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

LIST OF COMPANIES MENTIONED

3GPP (3rd Generation Partnership Project)
5G-PPP
Abu Dhabi Police
Accelerated Concepts
Accelleran
Adax
Affirmed Networks
Airspan Networks
Airvana
Alcatel-Lucent
Altiostar Networks
Apple
Arcadyan Technology Corporation
Argela
ARItel
Artemis Networks
ASOCS
ASTRI (Hong Kong Applied Science and Technology Research Institute)
ASUS (ASUSTeK Computer)
AT&T
AT&T Mobility
Athonet
Axxcelera Broadband Wireless
BaiCells
BBK Electronics Corporation
Beach Energy
Belkin International
BlackBerry
Brocade Communications Systems
BT Group

Busan Transportation Corporation
Casa Systems
China Mobile
China Southern Power Grid
Cisco Systems
CommAgility
CommScope
Connectem
Contela
Coolpad
Core Network Dynamics
Datang Group
Datang Mobile
D-Link Corporation
Dovado
DT (Deutsche Telekom)
Eden Rock Communications
EE
Ericsson
Etisalat
ETRI (Electronics and Telecommunications Research Institute)
Facebook
Fraunhofer Fokus
Fujitsu
Gemtek Technology Company
GENBAND
General Dynamics Corporation
General Dynamics Mission Systems
Gionee
Google
GWT (Global Wireless Technologies)
Harris County
Hitachi
Home Office, UK
HTC Corporation
Huawei
IETF (Internet Engineering Task Force)
ip.access
ITU (International Telecommunication Union)

ITU-R (ITU Radiocommunication Sector)
JRC (Japan Radio Company)
Juni Global
KDDI Corporation
KT Corporation
Kumu Networks
Kyocera Corporation
Lemko Corporation
Lenovo
LG Electronics
LG Uplus
Linksys
LTE-U Forum
Luminate Wireless
M1
Mavenir Systems
MediaTek
Meizu
Microsoft Corporation
Mitel Networks Corporation
MOF (Ministry of Oceans and Fisheries, South Korea)
Moseley Associates
Motorola Mobility
Motorola Solutions
MPSS (Ministry of Public Safety and Security, South Korea)
MulteFire Alliance
NEC Corporation
NEC Mobile Communications
Netgear
New Postcom Equipment Company
Nokia Networks
Novatel Wireless
NTT DoCoMo
NuRAN Wireless
Nutaq
O3b Networks
Oceus Networks
OPPO
Orange

Panasonic Corporation
Pantech
Phluido
Polaris Networks
Potevio (China Potevio Company)
Qatar MOI (Ministry of Interior)
Qualcomm
Quanta Computer
Qucell
Quortus
Redline Communications
Ruckus Wireless
Samji Electronics Company
Samsung Electronics
Samsung Group
SerComm Corporation
SES
Sharp Corporation
Sierra Wireless
Singtel
SK Telecom
SK Telesys
SoftBank Group
Sony Mobile Communications
SpiderCloud Wireless
Spreadtrum
Sprint Corporation
Star Solutions
STC (Saudi Telecom Company)
Sunnada (Fujian Sunnada Communication Company)
Tampnet
TCL Communication
Tecore
TEKTELIC Communications
Telrad Networks
Telum
Telus
TEN (Texas Energy Network)
T-Mobile USA

+44 20 8123 2220
info@marketpublishers.com

TrustComm
U.S. Navy
UQ Communications
Verizon Communications
Verizon Wireless
Vivo
Vodacom Group
Vodafone Group
Wi-Fi Alliance
WNC (Wistron NeWeb Corporation)
Xiaomi
Z-com (ZDC Wireless)
ZTE
ZyXEL Communications Corporation

+44 20 8123 2220
info@marketpublishers.com

About

The report covers the following topics:

LTE and LTE-A ecosystem

5G technology, initiatives and R&D commitments

LTE infrastructure (FDD/TDD macrocell base stations, small cells & EPC)

LTE devices (smartphones and other form factors)

LTE subscriptions and service revenue (FDD and TDD)

LTE infrastructure and device vendor market share

LTE operator reviews and network deployment case studies

LTE Broadcast (eMBMS) and VoLTE

Market drivers and barriers

Wireless network infrastructure industry roadmap and value chain

Company profiles and strategies of LTE ecosystem players

Market analysis and forecasts from 2014 till 2020

The report has the following key findings:

In 2014 wireless carriers will pocket nearly $103 Billion from commercial LTE service revenues

LTE and LTE-Advanced service revenues are further expected to grow at a CAGR of nearly 40% over the next 6 years, eventually accounting for $672 Billion by the end of 2020

+44 20 8123 2220
info@marketpublishers.com

By 2020 nearly 50% of all LTE subscriptions will be on LTE-Advanced networks

Samsung and Apple lead LTE-enabled smartphone shipments with a combined market share of 73%

LTE infrastructure spending is expected to account for nearly $15 Billion by the end of 2014. This includes spending on LTE macrocells, small cells and EPC/mobile core equipment

Huawei and Ericsson lead the LTE infrastructure market with a combined market share of 44%

Samsung is expected to significantly increase its stake in LTE infrastructure contracts, and eventually become a Tier-1 vendor by 2017

Wireless carriers and vendors will spend at least $1 Billion per annum in R&D spending to drive standardization and commercialization of 5G technology

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: The LTE, LTE-Advanced & 5G Ecosystem: 2016 – 2030 – Infrastructure, Devices, Operator Services, Verticals, Strategies & Forecasts

Product link: https://marketpublishers.com/r/LBACE4E6879EN.html

Price: US$ 2,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/LBACE4E6879EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

+44 20 8123 2220
info@marketpublishers.com