

# Voice over LTE (VoLTE) Trends: Market Research Report

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## Abstracts

The report analyzes and presents an overview of Voice over LTE (VoLTE) market worldwide. 'The concept of delivering voice over the LTE is based on converting voice signals into packet data, transferring it over the broadband network, and finally reconverting packet data back into voice signals. The revolutionary concept is attracting the attention of mobile operators, and is expected to become the standard in near future. Moreover, the commercialization of VoLTE would provide operators with a standardized and viable option for text and voice services, which account for more than 80% of service providers' revenues.'

Supported with 1 market data table, the report provides a review of mechanisms for achieving Voice over LTE, new nodes in VoLTE architecture, Voice over LTE Interfaces, key prerequisites to enable VoLTE, benefits and challenges of VoLTE along with the strategic industry activities of major companies worldwide. In addition, major companies operating in the Voice over LTE (VoLTE) arena worldwide including Alcatel-Lucent, BroadSoft Inc., D2 Technologies Inc., Ecrio, Genband, Imagination Technologies, LG Uplus Corporation, Mavenir Systems Inc., Nokia Siemens Networks BV, Pantech Co. Ltd., RADCOM Ltd., Reliance Industries Ltd., Renesas Mobile Corporation, Telefonaktiebolaget LM Ericsson and others are profiled.

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Mobility Management Entity (MME)

#### PCRF

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Ericsson Inks an Agreement with KDDI

Mavenir Systems and Radisys Enter into Partnership for VoLTE Deployments

MetroPCS Inks Agreement with Ericsson

Nokia Siemens Networks and Polkomtel Ink Agreement for Voice Services on LTE

NVIDIA Selects VoLTE Software of D2 Technologies

Orange Communications and Nokia Siemens Networks Ink Agreement

Renesas Mobile, Ericsson and China Mobile Demonstrate VoLTE Call over LTE FDD and TD-LTE

Telecom Commission Approves Launch of Voice Services on 4G Networks

T-Mobile Czech Republic Selects Mavenir Systems for IMS Core and Application Servers

ZyXel Communications and Lantiq Announce VoLTE-Compliant ZyXel LTE5121 Gateway

BroadSoft Rolls Out www. MonetizeLTE. com

Coolpad Americas and Imagination Technologies Complete VoLTE IOT for Quattro Smartphones

coM. sat Selects TranSwitch's Atlanta 2000 LTE Gateway Reference Design

D2 Technologies Enters into Partnership with NVIDIA

Ecrio Collaborates with Morpho

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Hi3G ACCESS AB Selects Mavenir Systems for CSFB Implementation

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Lantiq Collaborates with Ecrio and D2 Technologies

LG U+ to Test Cisco Mobile Internet Solutions for VoLTE Delivery

Reliance Infotel Broadband Seeks Approval for VoLTE Calls from Department of Telecommunications

Taqua Collaborates with Kineto Wireles

TranSwitch Announces Successful Testing of Atlanta 2000 LTE Gateway Solution on Verizon Wireless 4G LTE Development Network

IMTC Completes Successful VoLTE Testing

Mavenir Takes Over Airwide Solutions

Verizon Wireless Announces Successful Testing of VoLTE Call

ZTE Announces Successful Testing of VoLTE Call

Genband Wins Bid to Takeover CVAS Assets of Nortel Network

GSMA Adopts One Voice Initiative for Voice over LTE

Lantiq Takes Over WLAN Assets of Metalink

NGMN Alliance Announces Operators' Agreement to Support Roaming for VoLTE

Samsung Telecommunications America Collaborates with Cellular South

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Broadcom to Unveil BCM21892 LTE-Advanced Modem

HP Enterprise Services Launches Solutions for Seamless Migration to LTE Networks

Imagination Technologies and ZTE Launch HelloSoft VoLTE Solution

Mavenir Systems Unveils Virtualized IMS Solutions for 4G Networks

Renesas Mobile Showcases MP5232 LTE Platform with Anritsu MD8475A Signaling Tester

Samsung Announces VoLTE-Compliant Galaxy S3 LTE Model

Spirent Communications Unveils Spirent Nomad HD Measurement System

The Aricent Group Offers VoLTE Solutions

TeleCommunication Systems Launches TCS VoLTE9-1-1 Solution

Verizon to Unveil Voice Over LTE Technology

Agilent Technologies and Brüel & Kjær Unveil Agilent PXT Wireless Communications Test Set

LG U+ Introduces VoLTE Services in South Korea

MetroPCS Communications Unveils Voice over LTE Service

MetroPCS Unveils Rich Communications Services

RADCOM Expands Omni-Q Solution

Samsung Unveils VoLTE-Compliant Galaxy Note 10.1 Tablet

SK Telecom Introduces HD Voice over LTE

Tele2 Announces Successful Testing of VoLTE in Sweden

TeleCommunication Systems Launches TCS VoLTE 911 Solution

ZTE Deploys eSRVCC Technology

BroadSoft Improves BroadWorks TAS to Comply with VoLTE IR. 92 Specifications  
Ericsson and China Mobile Unveil TD-LTE Solution  
Mavenir Systems Introduces New Solutions to Enable VoLTE  
Pantech and Ecrio Launch Pantech Breakout Smartphone in North America  
VoLGA Forum Introduces New VoLTE Specifications

## **5. MARKET PARTICIPANTS**

Alcatel-Lucent (France)  
Alianza, Inc. (USA)  
Aricent Group (USA)  
AT&T, Inc. (USA)  
Bharti Airtel Ltd. (India)  
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Motorola Solutions, Inc. (USA)  
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Radvision Ltd. an Avaya Company (USA)

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Renesas Mobile Corporation (Japan)  
Samsung Networks (USA)  
SK Telecom Co. , Ltd. (Korea)  
Skype Communications Sarl (Luxembourg)  
SPIRIT DSP (Russia)  
Taiwan Mobile Co. , Ltd. (Taiwan)  
Taqua LLC (USA)  
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Telefónica SA (Spain)  
Telenor Group (Norway)  
TranSwitch Corporation (USA)  
T-Mobile USA, Inc. (USA)  
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Vodafone Group PLC (UK)  
Xceed Technologies (USA)  
ZTE Corporation (China)  
ZyXEL Communications Corporation (Taiwan)

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