World Voice Over LTE (VoLTE) Market - Opportunities and Forecasts, 2015-2022

Description: The decline in revenue of voice calls and SMS necessitated the adoption of a standardized and viable scheme for the provision of faster and uninterrupted voice and SMS services. As the mobile network operators continue with the full-fledged implementation of 4G long-term evolution (LTE) network, the development of voice over LTE (VoLTE) is providing a platform of choice for voice call delivery by network operators. The scheme of VoLTE was devised owing to the need of a standardized system for voice or data traffic transfer over LTE. The 4G LTE network is the mainstream foundation for the emergence of VoLTE. 4G LTE provides around 20 times faster speed than 3G broadband technology. Moreover, it reduces battery drain rate more efficiently than 3G technology. Despite the deployment of 4G LTE network for data, many service providers still prefer 3G CDMA and GSM platforms for voice calls. The Voice over Long Term Evolution (VoLTE) market is likely to generate revenue of $34.8 billion by 2022, growing at a CAGR of 50.1% from 2016 to 2022. VoLTE is a long-term solution for voice calls as it is designed for replacement of conventional mobile voice platforms by easy integration of voice over Internet protocol (VoIP) services, including landline networks. Technologies such as FDD and TDD would open new avenues for the VoLTE sector. Besides this, devices including smart phones, dongles and routers would create growth opportunities.

The VoLTE market is emerging with trends such as VoLTE and VoWi-Fi integration. The growing popularity of VoLTE services for video conferencing and file sharing have increased the rate of adoption of VoLTE in enterprises. The data and voice capacity of VoLTE is six times more than 2G GSM and up to three times more than 3G UMTS. Moreover, the bandwidth utilization rate in VoLTE is less owing to the smaller packet headers.

The VoLTE market is segmented on the basis of technology, end user, and geography. The technologies of VoLTE include voice over IP multimedia subsystem (VoIMS), circuit-switched fall back (CSFB), dual radio/simultaneous voice and LTE (SVLTE), voice over LTE via generic access network (VOLGA), and single radio voice call continuity (SRVCC). Geographically, the market is divided across the four regions namely North America, Europe, Asia-Pacific, and LAMEA, with their further bifurcation into the key countries.


POTENTIAL BENEFITS FOR STAKEHOLDERS:

This study comprises analytical depiction of the world VoLTE market with the current trends and future scenario to depict the investment pockets in the market. The report provides information regarding key drivers, restraints, and opportunities with a detailed impact analysis. The current market is quantitatively analyzed and forecasted for the years 2016-2022 to highlight the financial competency of the market. Porters Five Forces analysis of the industry illustrates the potency of the buyers and suppliers. Value chain analysis provides a clear role of the different stakeholders involved.

VOICE OVER LTE (VoLTE) MARKET SEGMENTATION

The market is segmented on the basis of technology and geography.

MARKET BY TECHNOLOGY

Voice Over IP Multimedia Subsystem (VoIMS)
Circuit-Switched Fall Back (CSFB)
Dual Radio/Simultaneous Voice and LTE (SVLTE)
Voice Over LTE Via Generic Access Network (VOLGA)
Single Radio Voice Call Continuity (SRVCC)
MARKET BY GEOGRAPHY

North America
U.S.
Canada
Mexico
Europe
UK
Germany
France
Russia

Rest of Europe

Asia-Pacific
China
Japan
South Korea
Australia

Rest of Asia-Pacific
LAMEA
Latin America
Middle East
Africa

KEY PLAYERS

Alcatel-Lucent S.A.
AT&T Inc.
KT Corporation
LG Uplus Corp.
SK Telecom Co. Ltd.
T-Mobile US. Inc.
Ericsson
Huawei Investment & Holding Co., Ltd
Cisco Systems Inc.
D2 Technologies

Contents:

Chapter: 1 INTRODUCTION
1.1 Report description
1.2 Key benefits
1.3 Key market segments
1.4 Research methodology
1.4.1 Secondary research
1.4.2 Primary research
1.4.3 Analyst tools and models

Chapter: 2 EXECUTIVE SUMMARY
2.1 CXO perspective

Chapter: 3 MARKET OVERVIEW
3.1 Market definition and scope
3.2 Key findings
3.2.1 Top impacting factors
3.2.2 Top winning strategies
3.2.3 Top investment pockets
3.3 Value chain analysis
3.4 Porters five forces analysis
3.4.1 Low threat of forward integration and price-sensitive buyers have led to low bargaining power among suppliers
3.4.2 Presence of substitutes and low switching costs have led to high bargaining power among buyers
3.4.3 Government and legal barriers and well-known brand names have led to low threat of new entrants in
3.4.4 Low switching cost and product differentiation have led to moderate threat of substitutes in the market
3.4.5 Numerous and strategically diverse competitors instill high rivalry in the market
3.5 Market share analysis, 2015 (%)
3.6 Drivers
3.7 Restraints
3.8 Opportunities

Chapter: 4 WORLD VOLTE MARKET, BY TECHNOLOGY
4.1 Voice Over IP Multimedia Subsystem (VOIMS)
4.1.1 Key market trends
4.1.2 Key drivers and opportunities
4.1.3 Market size and forecast
4.2 Circuit Switched Fall Back (CSFB)
4.2.1 Key market trends
4.2.2 Key drivers and opportunities
4.2.3 Market size and forecast
4.3 Dual Radio/Simultaneous Voice and LTE (SVLTE)
4.3.1 Key market trends
4.3.2 Key drivers and opportunities
4.3.3 Market size and forecast
4.4 Voice Over LTE Via Generic Access Network (VOLGA)
4.4.1 Key market trends
4.4.2 Key drivers and opportunities
4.4.3 Market size and forecast

Chapter: 5 WORLD VOLTE MARKET, BY GEOGRAPHY
5.1 North America
5.1.1 Key market trends
5.1.3 Market size and forecast
5.1.4 U.S.
5.1.4.1 Market size and forecast
5.1.5 Canada
5.1.5.1 Market size and forecast
5.1.6 Mexico
5.1.6.1 Market size and forecast
5.2 Europe
5.2.1 Key market trends
5.2.2 Key growth factors and opportunities
5.2.3 Market size and forecast
5.2.4 UK
5.2.4.1 Market size and forecast
5.2.5 Germany
5.2.5.1 Market size and forecast
5.2.6 France
5.2.6.1 Market size and forecast
5.2.7 Russia
5.2.7.1 Market size and forecast
5.2.8 Rest of Europe
5.2.8.1 Market size and forecast
5.3 Asia-Pacific
5.3.1 Key market trends
5.3.2 Key growth factors and opportunities
5.3.3 Market size and forecast
5.3.4 China
5.3.4.1 Market size and forecast
5.3.5 Japan
5.3.5.1 Market size and forecast
<table>
<thead>
<tr>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.3.6 South Korea</td>
</tr>
<tr>
<td>5.3.6.1 Market size and forecast</td>
</tr>
<tr>
<td>5.3.7 Australia</td>
</tr>
<tr>
<td>5.3.7.1 Market size and forecast</td>
</tr>
<tr>
<td>5.3.8 Rest of Asia-Pacific</td>
</tr>
<tr>
<td>5.3.8.1 Market size and forecast</td>
</tr>
<tr>
<td>5.4 LAMEA</td>
</tr>
<tr>
<td>5.4.1 Key market trends</td>
</tr>
<tr>
<td>5.4.2 Key growth factors and opportunities</td>
</tr>
<tr>
<td>5.4.3 Market size and forecast</td>
</tr>
<tr>
<td>5.4.4 Latin America</td>
</tr>
<tr>
<td>5.4.4.1 Market size and forecast</td>
</tr>
<tr>
<td>5.4.5 Middle East</td>
</tr>
<tr>
<td>5.4.5.1 Market size and forecast</td>
</tr>
<tr>
<td>5.4.6 Africa</td>
</tr>
<tr>
<td>5.4.6.1 Market size and forecast</td>
</tr>
<tr>
<td>Chapter: 6 COMPANY PROFILES</td>
</tr>
<tr>
<td>6.1 Alcatel-Lucent</td>
</tr>
<tr>
<td>6.1.1 Company overview</td>
</tr>
<tr>
<td>6.1.2 Company snapshot</td>
</tr>
<tr>
<td>6.1.3 Business performance</td>
</tr>
<tr>
<td>6.1.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.1.5 SWOT analysis</td>
</tr>
<tr>
<td>6.2 AT&amp;T Inc.</td>
</tr>
<tr>
<td>6.2.1 Company overview</td>
</tr>
<tr>
<td>6.2.2 Company snapshot</td>
</tr>
<tr>
<td>6.2.3 Business performance</td>
</tr>
<tr>
<td>6.2.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.2.5 SWOT analysis</td>
</tr>
<tr>
<td>6.3 KT Corporation</td>
</tr>
<tr>
<td>6.3.1 Company overview</td>
</tr>
<tr>
<td>6.3.2 Company snapshot</td>
</tr>
<tr>
<td>6.3.3 Business performance</td>
</tr>
<tr>
<td>6.3.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.3.5 SWOT analysis</td>
</tr>
<tr>
<td>6.4 LG Uplus Corp.</td>
</tr>
<tr>
<td>6.4.1 Company overview</td>
</tr>
<tr>
<td>6.4.2 Company snapshot</td>
</tr>
<tr>
<td>6.4.3 Business performance</td>
</tr>
<tr>
<td>6.4.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.4.5 SWOT analysis</td>
</tr>
<tr>
<td>6.5 SK Telecom Co., Ltd.</td>
</tr>
<tr>
<td>6.5.1 Company overview</td>
</tr>
<tr>
<td>6.5.2 Company snapshot</td>
</tr>
<tr>
<td>6.5.3 Business performance</td>
</tr>
<tr>
<td>6.5.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.5.5 SWOT analysis</td>
</tr>
<tr>
<td>6.6 T-Mobile US, Inc.</td>
</tr>
<tr>
<td>6.6.1 Company overview</td>
</tr>
<tr>
<td>6.6.2 Company snapshot</td>
</tr>
<tr>
<td>6.6.3 Business performance</td>
</tr>
<tr>
<td>6.6.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.6.5 SWOT analysis</td>
</tr>
<tr>
<td>6.7 Ericsson</td>
</tr>
<tr>
<td>6.7.1 Company overview</td>
</tr>
<tr>
<td>6.7.2 Company snapshot</td>
</tr>
<tr>
<td>6.7.3 Business performance</td>
</tr>
<tr>
<td>6.7.4 Strategic moves &amp; developments</td>
</tr>
<tr>
<td>6.7.5 SWOT analysis</td>
</tr>
<tr>
<td>6.8 Huawei Technologies Co., Ltd.</td>
</tr>
<tr>
<td>6.8.1 Company overview</td>
</tr>
<tr>
<td>6.8.2 Company snapshot</td>
</tr>
</tbody>
</table>
6.8.3 Business performance
6.8.4 Strategic moves & developments
6.8.5 SWOT analysis
6.9 Cisco Systems, Inc.
6.9.1 Company overview
6.9.2 Company snapshot
6.9.3 Business performance
6.9.4 Strategic moves & developments
6.9.5 SWOT analysis
6.10 D2 Technologies
6.10.1 Company overview
6.10.2 Company snapshot
6.10.3 Strategic moves & developments
6.10.4 SWOT analysis

Table 1 World VoLTE Market By Geography, 2015-2022 ($Million)
Table 2 World VoLTE Market By Technology, 2015-2022 ($Million)
Table 3 World VoIMS Technology Market By Geography, 2015-2022 ($Million)
Table 4 World CSFB Technology Market By Geography, 2015-2022 ($Million)
Table 5 World VOLT Technology Market By Geography, 2015-2022 ($Million)
Table 6 World Volga Technology Market By Geography, 2015-2022 ($Million)
Table 7 World SrVCC Technology Market By Geography, 2015-2022 ($Million)
Table 8 North America VoLTE Market By Technology, 2015-2022 ($Million)
Table 9 North America Volte Market By Country, 2015-2022 ($Million)
Table 10 Europe Volte Market By Technology, 2015-2022 ($Million)
Table 11 Europe Volte Market By Country, 2015-2022 ($Million)
Table 12 Asia-Pacific Volte Market By Technology, 2015-2022 ($Million)
Table 13 Asia-Pacific Volte Market By Country, 2015-2022 ($Million)
Table 14 Lamea Volte Market By Technology, 2015-2022 ($Million)
Table 15 Lamea Volte Market By Country, 2015-2022 ($Million)
Table 16 Snapshot Of Alcatel-Lucent
Table 17 Snapshot Of AT&T, Inc.
Table 18 Snapshot Of KT Corporation
Table 19 Snapshot Of LG Uplus Corp.
Table 20 Snapshot Of SK Telecom Co., Ltd.
Table 21 Snapshot Of T-Mobile US, Inc.
Table 22 Snapshot Of Ericsson
Table 23 Snapshot Of Huawei Technologies Co., Ltd.
Table 24 Snapshot Of Cisco Systems, Inc.
Table 25 Snapshot Of D2 Technologies

Fig. 1 Top Impacting Factors
Fig. 2 Top Winning Strategies In Volte Market
Fig. 3 Top Winning Strategy Analysis
Fig. 4 Top Investment Pockets
Fig. 5 Value Chain Analysis Of Volte Market
Fig. 6 Porters Five Force Analysis
Fig. 7 Market Share Analysis Of Volte Companies, 2015 (%)
Fig. 8 U.S. Volte Market Revenue, 2015-2022 ($Million)
Fig. 9 Canada Volte Market Revenue, 2015-2022 ($Million)
Fig. 10 Mexico Volte Market Revenue, 2015-2022 ($Million)
Fig. 11 UK Volte Market Revenue, 2015-2022 ($Million)
Fig. 12 Germany Volte Market Revenue, 2015-2022 ($Million)
Fig. 13 France Volte Market Revenue, 2015-2022 ($Million)
Fig. 14 Russia Volte Market Revenue, 2015-2022 ($Million)
Fig. 15 Rest Of Europe Volte Market Revenue, 2015-2022 ($Million)
Fig. 16 China Volte Market Revenue, 2015-2022 ($Million)
Fig. 17 Japan Volte Market Revenue, 2015-2022 ($Million)
Fig. 18 South Korea Volte Market Revenue, 2015-2022 ($Million)
Fig. 19 Australia Volte Market Revenue, 2015-2022 ($Million)
Fig. 20 Rest Of Asia-Pacific Volte Market Revenue, 2015-2022 ($Million)
Fig. 21 Latin America Volte Market Revenue, 2015-2022 ($Million)
Fig. 22 Middle East Volte Market Revenue, 2015-2022 ($Million)
Fig. 23 Africa Volte Market Revenue, 2015-2022 ($Million)
Fig. 24 Revenue Of Alcatel-Lucent, 20122014 ($Million)
Fig. 25 Revenue Of Alcatel-Lucent, By Division (2014)
Fig. 26 Revenue Of Alcatel-Lucent, By Geography (2014)
Fig. 27 Alcatel-Lucent - Swot Analysis
Fig. 28 Operating Revenue Of At&T, Inc., 20122015 ($Million)
Fig. 29 Operating Revenue Of At&T, Inc., By Division (2015)
Fig. 30 Operating Revenue Of At&T, Inc., By Geography (2015)
Fig. 31 At&T, Inc. - Swot Analysis
Fig. 32 Revenue Of Kt Corporation, 20122014 ($Million)
Fig. 33 Operating Revenue Of Kt Corporation, By Division (2014)
Fig. 34 Swot Analysis Of Kt Corporation
Fig. 35 Revenue Of Lg Uplus Corp., 20122015 ($Million)
Fig. 36 Lg Uplus Corp. - Swot Analysis
Fig. 37 Revenue Of Sk Telecom Co., Ltd. 20122014 ($Million)
Fig. 38 Sk Telecom Co., Ltd. - Swot Analysis
Fig. 39 Revenue Of T-Mobile Us, Inc., 20122014 ($Million)
Fig. 40 Revenue Of T-Mobile Us, Inc., By Division (2014)
Fig. 41 T-Mobile Us, Inc. - Swot Analysis
Fig. 42 Net Sales Of Ericsson, 20122015 ($Million)
Fig. 43 Ericsson - Swot Analysis
Fig. 44 Revenue Of Huawei Technologies Co., Ltd., 20122015 ($Million)
Fig. 45 Revenue Of Huawei Technologies Co., Ltd., By Division (2015)
Fig. 46 Revenue Of Huawei Technologies Co., Ltd., By Geography (2015)
Fig. 47 Huawei Technologies Co., Ltd. - Swot Analysis
Fig. 48 Revenue Of Cisco Systems, Inc., 20122015 ($Million)
Fig. 49 Revenue Of Cisco Systems, Inc., By Geography (2015)
Fig. 50 Cisco Systems, Inc. - Swot Analysis
Fig. 51 D2 Technologies - Swot Analysis

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<td>USD 5910</td>
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<td>USD 8250</td>
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</tbody>
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