

Global Telecoms - Key Trends for 2020 - 5G, Mobile Satellite and Fixed Broadband

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Abstracts

The global telecoms sector in 2020 will be heavily focused on 5G along with the infrastructure to support this evolution, including fixed broadband and mobile satellite. Interesting advancements are also expected regarding the underlying trends of IoT; M2M; Cloud Computing; Data Centres and Artificial Intelligence. This BuddeComm report explores the Key Telecoms Trends for 2020 and includes analyses, statistics, examples and trends.

Subjects include:

Key global telecoms market statistics and trends;

Global mobile sector statistics;

Highlighted trend and statistics: 5G;

Highlighted trend and statistics: Fixed broadband infrastructure;

Highlighted trend and statistics: Mobile satellite.

EXECUTIVE SUMMARY

Telecoms infrastructure is important for future technology Initiatives

There have been many exciting initiatives in recent years relating to IoT, Artificial Intelligence and the overall Smart City movement. It is thought that we will see even

faster advancement of these sectors with the emergence of 5G, supported by fixed high-speed broadband and mobile satellite infrastructure.

5G will offer superior speeds, latency, connections, remote coverage and efficient energy consumption. The development of 5G is close to reaching a tipping point; with many commercial deployments, supported by 5G devices planned for 2020. In addition, we will begin to see the ITU release its much anticipated global standards for the industry.

Adjacent infrastructure and services provided by fixed broadband and mobile satellite will also be a key area of focus for the telecoms industry in 2020. This infrastructure is required to supply backhaul capabilities and fulfill the escalating data demands transpiring from both the developed and developing markets.

The satellite sector now offers higher satellite capacity, lower pricing and general improvements to the technology and this has led to an increased interest in this market - particularly in emerging markets where it can be used to widen the availability of mobile telecoms to rural and remote areas.

We note that important satellite launches, and new service offerings are occurring around the world in 2020, particularly in some of the emerging markets of the South Pacific, South-East Asia and Africa.

Overall trends relating to Cloud Computing, IoT/M2M, Artificial Intelligence, 5G, fixed broadband, submarine cables and mobile satellite will be key areas of interest for the telecoms sector in 2020.

This BuddeComm annual publication explores these topics from the perspective of the telecoms industry, with a focus on 5G, fixed broadband and mobile satellite. It provides insights, analysis, statistics and examples.

Key developments

In 2020 the industry focus is well and truly back on telecommunications infrastructure, led by 5G, mobile satellite and fibre-based broadband developments.

Trends relating to smart cities, IoT/M2M and Artificial Intelligence will also be a key area of focus.

There are now well over 5 billion unique mobile subscriptions globally.

With more mature markets becoming increasingly dependent on replacement purchases rather than on first-time buyers, the shipments of smart phone have dropped for the past few years.

Globally, the penetration rates of mobile broadband paints an interesting picture with a large contrast between penetration in the developed and developing markets.

There are around 1.1 billion fixed broadband subscribers worldwide, indicating opportunities for growth.

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