

Telecommunications



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International

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The rapid evolution of telecommunications has fuelled an acceleration of business processes and led to a more connected global marketplace.

Historical development



The first successful transatlantic telegraph cable was completed on 27th July 1866. It sparked a new age of business communication.



As of 2013 4.3 billion people accounted for 5.2 billion mobile phone handsets in use worldwide (TomiAhonen Almanac 2013).



In 2013, Verizon signed history's third largest corporate deal, paying Vodafone Group \$130 billion to buy them out of their US wireless business.

The industry today

With a global industry value measured in trillions of US dollars and some of the healthiest growth figures around, the telecommunications sector is an exciting arena.

Major applications of telecommunications:



Mobile communications



Internet services



M2M communication

Major players in the industry



The top four companies in the telecommunications sector all have market values well over \$100 billion.



China Mobile recently overtook AT&T at the top, with a market value of well over \$200 billion.

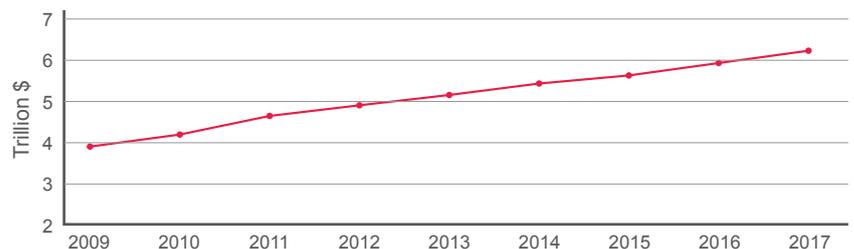
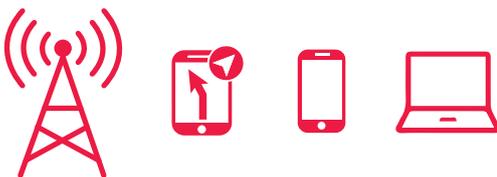
Top three companies:



The future for the industry

➤ Anything can happen in such a technology led market, where new ideas can change the world almost overnight.

M2M communication is expected to see huge growth as more and more devices become connected.



SDN continues the trend of virtualisation, making IT infrastructure more flexible and efficient.

The telecommunications market continues to grow rapidly, with revenues expected to shift away from voice communication and towards transfer of data.

Insight

With the constant changing dynamics of the telecommunication market, it's essential to continue to adapt and innovate.



The cloud has given birth to a whole new range of opportunities for SaaS products, even in consumer markets.



Many developing markets are embracing mobile data in a big way, with huge growth being seen in Latin America and Africa.



Opportunities for M2M solutions in industry and civil infrastructure could be the key to growth.