

# The Future of Broadband: Fixed-Mobile Substitution

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## Abstracts

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Much has been made of the opportunity for users and operators to “cut the cord”, do away with fixed networks, and pursue a mobile future. The opportunity certainly exists, with over 1 billion people expected to use mobile technologies as their primary form of Internet access in 2015. However, the extent of fixed-to-mobile substitution (FMS) will be heavily impacted by the current conditions in the broadband market. As such, FMS will only be viable in specific circumstances over the next five years. Emerging markets with no pre-existing fixed-line infrastructure offer the greatest potential for FMS, but affordability in these markets will be crucial. In developed markets, segmentation will be critical to FMS, and low-end users will be the largest target segment.

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A rural or urban phenomenon?

Business customers unlikely to substitute, but there may be niche SME opportunities

Drivers and barriers to broadband FMS

Drivers and barriers suggest that FMS will be a niche opportunity outside emerging markets

Drivers

Fixed voice substitution sets a precedent, especially in developed markets

Unavailability of fixed lines

Mobile network capabilities continue to improve

Service cost brings drivers together

Prepaid tariffs will stimulate uptake

Regulation has a major role to play

Device penetration will be vital in emerging markets

Operator choice has the final say

Barriers

Availability of fixed lines is the key barrier to substitution

Fixed broadband outperforms mobile

Advanced services require high performance

Low-end users are not the most attractive

Mobile coverage is a key barrier

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Author

Ovum Consulting

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