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Mobile packet core networks: worldwide forecast 2020–2028

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About this report

This report provides forecasts for addressable revenue for vendors in the mobile and converged packet core sector for 2020–2028. It includes details on mobile network operator (MNO) spending by architecture, network function, vendor strategy and region, and also gives a breakdown of spending based on major drivers of change, such as 5G standalone and converged core adoption.

The report is based on several sources, including:

- Analysys Mason's survey of 86 MNOs about their core investment plans
- interviews with MNOs and vendors worldwide.

GEOGRAPHICAL COVERAGE

- Worldwide
- Central and Eastern Europe
- Developed Asia–Pacific
- Emerging Asia–Pacific
- Latin America
- Middle East and North Africa
- North America
- Sub-Saharan Africa
- Western Europe

COVERAGE

- Core type: 4G EPC, 5G EPC, 5G core, converged core
- Architecture type: physical, virtualised, cloud-native
- Network function (xNF) type: IMS, SDM/HSS, UPF, control plane functions, PCF[1]
- Professional services

KEY QUESTIONS ANSWERED IN THIS REPORT

- What are the key trends and factors that will affect the mobile core market during 2020–2028?
- Which will be the key areas of new revenue, and how will emerging technologies such as cloud-native cores perform?
- What ecosystem changes will result from the adoption of new architecture and multi-vendor cores?
- How far will 5G standalone drive new investments and approaches?
- Which regional factors will drive growth in 5G core and standalone?
- What should vendors do to exploit new business opportunities?

WHO SHOULD READ THIS REPORT

- Packet core vendor strategy and planning teams.
- Product management teams that are responsible for feature functionality and geographical focus, and product marketing teams that are responsible for revenue growth.
- Strategy teams and CTO office within MNOs, to understand trends that will affect their procurement strategies and architecture.
- Investors in mobile core start-ups.
- Vendors that are looking to enter the core market for the first time, including start-ups.

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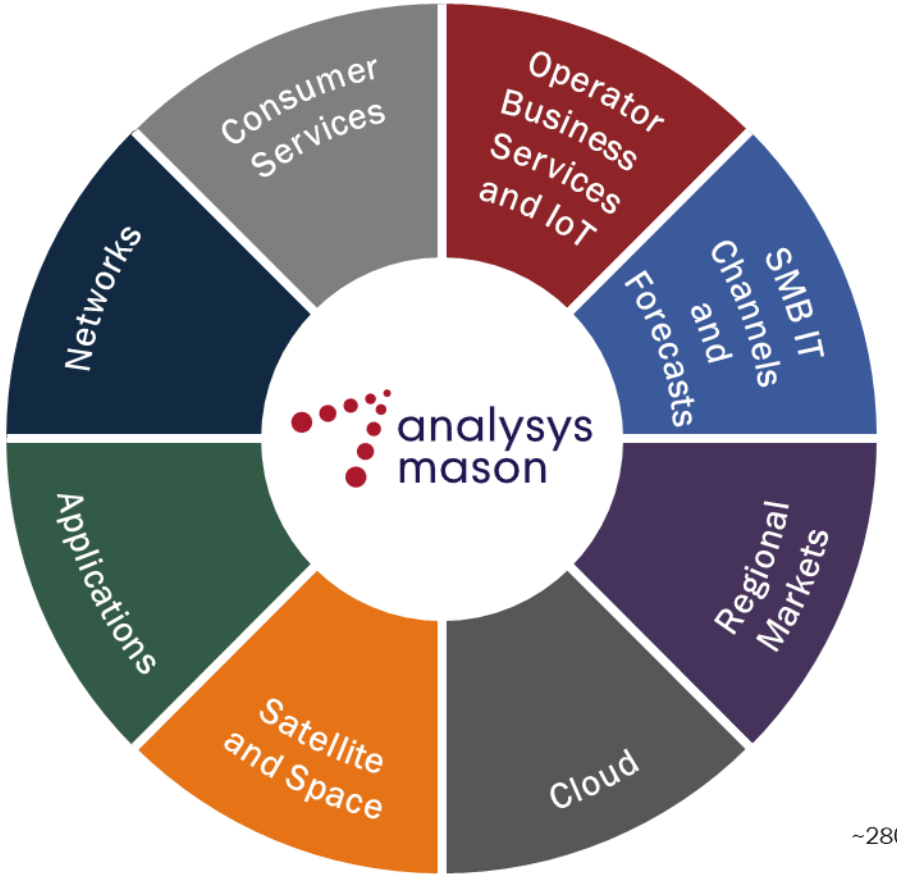

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SMB Technology Forecaster

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