



5G standalone: vendor strategies to accelerate adoption



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About this report

This report evaluates and offers solutions for key challenges relating to the adoption of 5G standalone (SA). As well as demonstrating the key operator concerns that are slowing its adoption, it provides an in-depth view on how vendors can improve their 5G core propositions, drive innovation and accelerate 5G SA adoption among operators.

This report provides recommendations for 5G core vendors, and explores the key use cases, capabilities and challenges associated with 5G SA adoption.

It is based on several sources:

- Analysys Mason's internal research across core networks, radio access networks and cloud
- Analysys Mason's 2023 survey of over 80 operators
- Analysys Mason's *Mobile packet core networks: worldwide forecast 2020-2028*
- Detailed interviews with 5G core vendors and mobile operators.



KEY QUESTIONS ANSWERED IN THIS REPORT

- What are the major challenges facing 5G SA adoption and how should these be targeted by vendors?
- How can vendors prove and support 5G SA capabilities and use cases to encourage more immediate adoption of the 5G core?
- How should vendors position their 5G core offering to improve operator confidence and facilitate their transition to 5G SA?
- How can vendors encourage 5G SA innovation through openness and by supporting a broad range of partners?



WHO SHOULD READ THIS REPORT

- Packet core vendor strategy and planning teams.
- Product management teams that are responsible for feature functionality, and product marketing teams that are responsible for revenue growth.
- Strategy teams and CTO offices within mobile network operators (MNOs), that are looking to understand the challenges that are impacting core adoption and how these can be supported.
- Vendors that are looking to enter the core market for the first time, including start-ups.



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Global leaders in TMT management consulting



Analysys Mason is the world's leading management consultancy focused on TMT, a critical enabler of economic, environmental and social transformation.

We bring together unparalleled commercial and technical understanding to deliver bespoke consultancy on strategy, transaction support, transformation, regulation and policy, further strengthened by globally respected research.

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- Wireless Infrastructure Strategies
- Fibre Infrastructure Strategies
- Operator Investment Strategies
- Telecoms Strategy and Forecast
- Transport Network Strategies



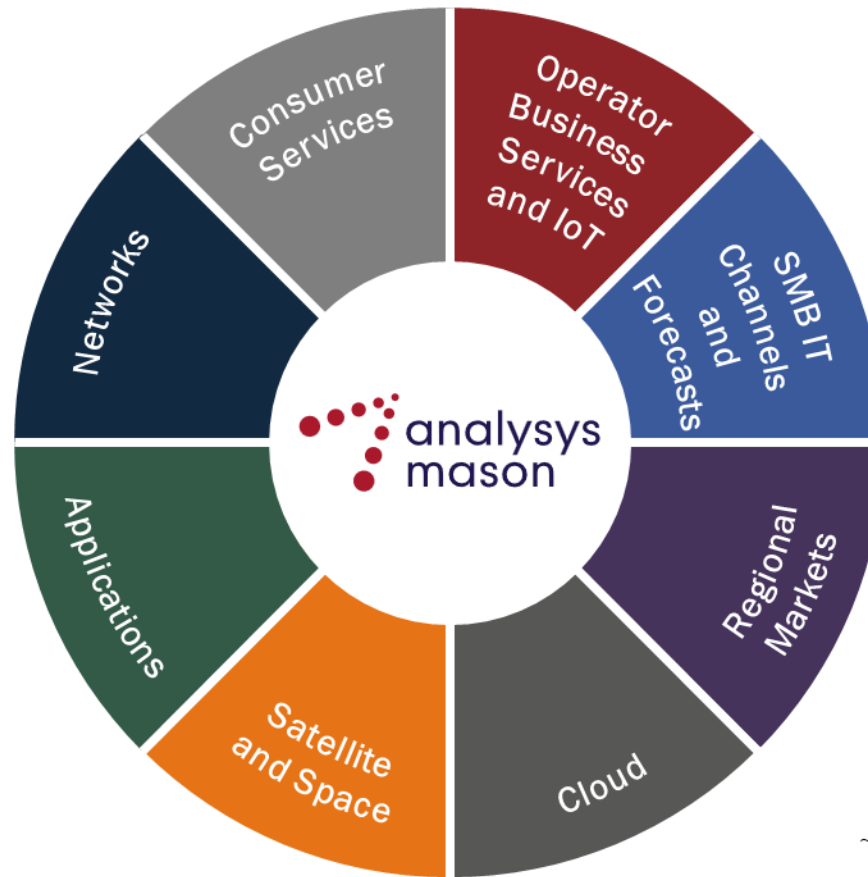
Applications

- Network Automation and Orchestration
- Customer Engagement
- Monetisation Platforms
- Digital Experience
- Automated Assurance
- Service Design and Orchestration
- Telecoms Software Market Shares



Satellite and Space

- Satellite Communications
- Space Applications and Infrastructure



Operator Business Services and IoT



- Enterprise Services
- SME Services
- IoT Services
- Private Networks

SMB IT Channels and Forecasts



- Cyber Security
- SMB Technology Forecaster

Regional Markets



- Global Telecoms Data and Financial KPIs
- Americas
- Asia-Pacific
- Middle East and Africa
- European Core Forecasts
- European Telecoms Market Matrix
- European Country Reports

Cloud



- Cloud Infrastructure Strategies
- Data, AI and Development Platforms
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DataHub



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- Regional results and worldwide totals
- Operator historical data

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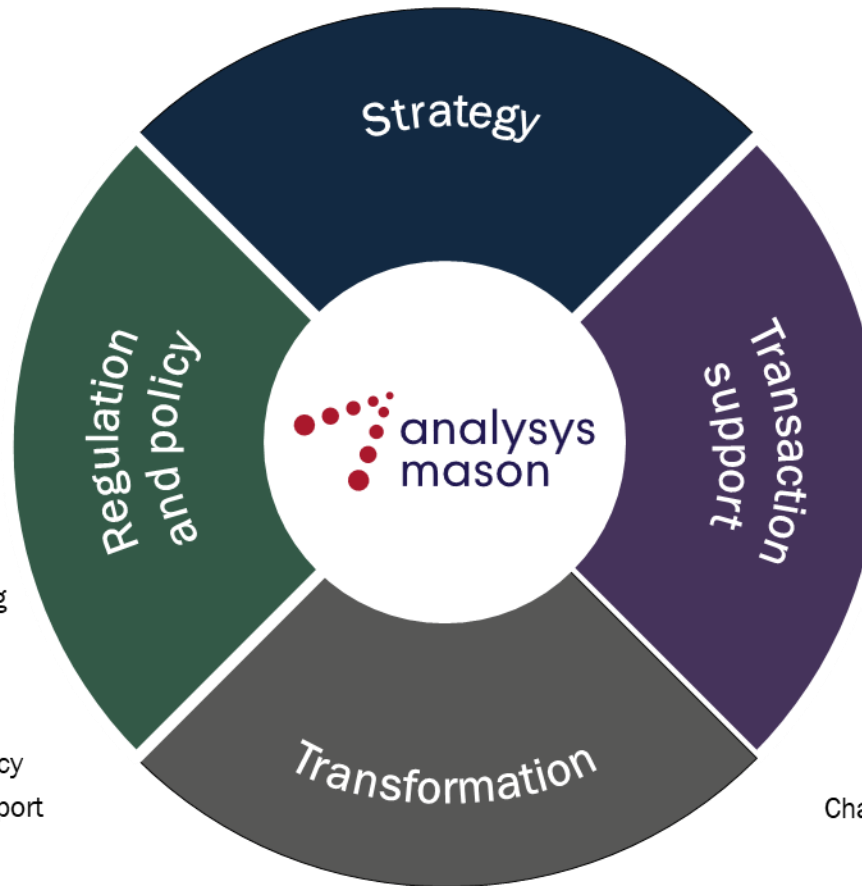
Strategy

- Corporate growth strategy
- Business unit strategy
- Infrastructure strategy



Regulation and policy

- Network and platform
- Public sector broadband intervention
- Accelerating digital transformation of society
- Price controls and cost modelling
- Regulatory accounting
- Regulatory benchmarking and analysis
- Spectrum management and policy
- Expert witness and litigation support
- Postal regulation and policy



Transaction support

- Commercial due diligence and market review
- Technical due diligence
- Post-merger integration
- Periodical business monitoring and loan technical advisory
- Opportunity scouting and pre-deal support



Transformation

- Business transformation
- Digitalisation
- Operational excellence
- Data, BI, steering and insights
- Change and programme management
- Sustainability



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PUBLISHED BY ANALYSYS MASON LIMITED IN **AUGUST 2023**

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