



Operator business services: worldwide forecast 2018– 2023



Catherine Hammond

Contents [1/2]

8. Executive summary

- 9. Executive summary: operator business revenue worldwide will stabilise with a decline in revenue from legacy services offsetting growth from IoT connectivity and ICT services
- 10. Executive summary: the most-significant growth in operator business revenue will occur in emerging Asia–Pacific and among medium and large enterprises

11. Implications for operators

12. Worldwide forecasts

- 13. Operators' business services revenue will rise very gradually, fuelled by increased demand for higher-bandwidth connectivity, ICT services and IoT connectivity
- 14. Broadband will account for a significant part of operators' revenue growth from small enterprises; ICT services and IoT connectivity are more important for large enterprises
- 15. Emerging markets will continue to deliver significant business revenue growth for operators
- 16. Mobile services revenue from handsets will remain fairly flat, while operator revenue is being buoyed by growth in connectivity services for IoT deployments
- 17. Mobile revenue growth varies considerably between regions, with emerging economies typically outperforming more-developed markets
- 18. Fixed revenue continues to decline worldwide despite growth in the number of fixed broadband connections
- 19. Fixed services revenue is forecast to grow only in emerging markets in APAC and in MENA, driven by significant increases in fixed broadband penetration

- 20. High-bandwidth services for both broadband and dedicated connections will continue to grow in importance
- 21. The addressable market for other business services will continue to grow as enterprises adopt further cloud-based business solutions
- 22. Operator revenue from ICT services forms a small but rapidly growing share of operators' overall business revenue
- 23. Western Europe is the largest contributor to operator revenue for ICT services, but growth is significant in all regions
- 24. The broader enterprise IT and managed services market reaches beyond those services addressed by operators and is expected to grow to USD2.5 trillion by 2023

25. Regional-level forecasts

- 26. North America [1]: operator revenue from growing adoption of data and ICT services will not entirely offset losses from legacy voice services
- 27. North America [2]: operators' retail revenue from businesses is dominated by large enterprises, but growth is expected in the micro business segment
- 28. Western Europe [1]: operator revenue from legacy services is declining, but ICT services will drive revenue growth in the overall business market
- 29. Western Europe [2]: revenue growth will be focused on medium and large enterprises, driven by increasing IoT deployments and adoption of ICT services
- 30. Developed Asia–Pacific [1]: growth in operator revenue will be driven by increasing mobile data usage and adoption of ICT services
- 31. Developed Asia–Pacific [2]: the use of mobile and ICT services by all business sizes will grow, but a decline in the support of legacy voice will affect smaller enterprises

Contents [2/2]

- 32. Emerging Asia–Pacific [1]: use of mobile data continues to dominate business markets, with new revenue growth driven by adoption of ICT services
- 33. Emerging Asia–Pacific [2]: micro enterprises account for a large share of operators' overall revenue, but growth will be strongest from larger enterprises
- 34. Latin America [1]: operator revenue growth is driven by increased adoption of fixed and mobile data services, which also supports adoption of ICT services
- 35. Latin America [2]: data service revenue will increase from businesses of all sizes, with larger enterprises also deploying IoT and adopting ICT services
- 36. Central and Eastern Europe [1]: overall operator business revenue is growing despite a decline in revenue from legacy voice services
- 37. Central and Eastern Europe [2]: operators' revenue growth is expected from all segments as connectivity penetration increases alongside adoption of ICT services
- 38. Middle East and North Africa [1]: gradually increasing competition between operators and availability of public cloud services will lead to steady revenue growth
- 39. Middle East and North Africa[2]: micro enterprises deliver a significant share of operator revenue, but growth will be focused on larger enterprises
- 40. Sub-Saharan Africa [1]: operator business revenue will gradually rise as service availability and affordability increases
- 41. Sub-Saharan Africa [2]: basic data connectivity is key to operators' revenue growth for all segments, although larger enterprises will also adopt IoT and ICT services
- 42. Forecast methodology and assumptions**
- 43. Forecast methodology and assumptions: presentation of results
- 44. Forecast methodology and assumptions: market definition
- 45. Forecast methodology and assumptions: modelling approach
- 46. Forecast methodology and assumptions: mobile services
- 47. Forecast methodology and assumptions: fixed services [1]
- 48. Forecast methodology and assumptions: fixed services [2]
- 49. Forecast methodology and assumptions: other business services [1]
- 50. Forecast methodology and assumptions: other business services [2]
- 51. Forecast methodology and assumptions: broader IT categories
- 52. Forecast methodology and assumptions: Geographical regions
- 53. About the author and Analysys Mason**
- 54. About the author
- 55. Analysys Mason's consulting and research are uniquely positioned
- 56. Research from Analysys Mason
- 57. Consulting from Analysys Mason

List of figures [1/3]

Figure 1: Connections for businesses and CAGRs by type of connection, worldwide, 2018–2023¹

Figure 2: Telecoms operators' retail revenue from businesses by service type, worldwide, 2014–2023¹

Figure 3: Regional share of telecoms operators' retail revenue from businesses in 2018 and CAGR for 2018–2023

Figure 4: Telecoms operators' retail revenue from enterprises by service type and enterprise size, worldwide, 2018 and 2023¹

Figure 5: Telecoms operators' retail revenue from businesses by service type, worldwide, 2014–2023¹

Figure 6: Percentage of telecoms operators' retail revenue from businesses in 2018 and CAGR for 2018–2023 by service type, worldwide¹

Figure 7: Percentages of retail revenue, total employees¹ and total business sites by enterprise size, worldwide, 2018²

Figure 8: Telecoms operators' retail revenue from businesses by service type and enterprise size, worldwide, 2018 and 2023²

Figure 9: Share of telecoms operators' retail revenue by service type for selected regions, 2018¹

Figure 10: Telecoms operators' share of retail revenue from businesses in 2018 and CAGR for 2018–2023 by region, worldwide

Figure 11: Telecoms operator mobile service retail revenue and connections for businesses, worldwide, 2013–2023¹

Figure 12: Telecoms operators' regional share of mobile services revenue from businesses in 2018 and CAGR for 2018–2023¹

Figure 13: Telecoms operators' fixed service retail revenue and connections for businesses, worldwide, 2013–2023¹

Figure 14: Telecoms operators' share of fixed services retail revenue from businesses in 2018 and CAGR for 2018–2023 by region, worldwide¹

Figure 15: Number of business fixed broadband and dedicated connections by type of connection, worldwide, 2013–2023¹

Figure 16: Other business services retail revenue from businesses by service type, worldwide, 2013–2023

Figure 17: ICT retail revenue from businesses by service type and provider and operators' share of this revenue by service type, worldwide, 2023

Figure 18: Telecoms operators' share of ICT services revenue from businesses in 2018 and CAGR for 2018–2023 by region, worldwide¹

Figure 19: Enterprise IT and managed services market, 2018–2023²

Figure 20: Business connections and CAGRs by type of connection, North America, 2018–2023¹

Figure 21: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, North America¹

Figure 22: Percentages of business sites, total employees¹ and retail revenue by enterprise size, North America, 2018

Figure 23: Telecoms operators' retail revenue from businesses by service type and enterprise size, North America, 2018 and 2023²

Figure 24: Business connections and CAGRs by type of connection, Western Europe, 2018–2023¹

List of figures [2/3]

Figure 25: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, Western Europe¹

Figure 26: Percentages of business sites, total employees¹ and retail revenue by enterprise size, Western Europe, 2018

Figure 27: Telecoms operators' retail revenue from businesses by service type and enterprise size, Western Europe, 2018 and 2023²

Figure 28: Business connections and CAGRs by type of connection, developed Asia–Pacific, 2018–2023

Figure 29: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, developed Asia–Pacific¹

Figure 30: Percentages of business sites, total employees¹ and retail revenue by enterprise size, developed Asia–Pacific, 2018

Figure 31: Telecoms operators' retail revenue from businesses by service type and enterprise size, developed Asia–Pacific, 2018 and 2023²

Figure 32: Business connections and CAGRs by type of connection, emerging Asia–Pacific, 2018–2023

Figure 33: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, emerging Asia–Pacific¹

Figure 34: Percentages of business sites, total employees¹ and retail revenue by enterprise size, emerging Asia–Pacific, 2018

Figure 35: Telecoms operators' retail revenue from businesses by service type and enterprise size, emerging Asia–Pacific, 2018 and 2023²

Figure 36: Business connections and CAGRs by type of connection, Latin America, 2018–2023

Figure 37: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, Latin America¹

Figure 38: Percentages of business sites, total employees¹ and retail revenue by enterprise size, Latin America, 2018

Figure 39: Telecoms operators' retail revenue from businesses by service type and enterprise size, Latin America, 2018 and 2023²

Figure 40: Business connections and CAGRs by type of connection, Central and Eastern Europe, 2018–2023

Figure 41: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, Central and Eastern Europe¹

Figure 42: Percentages of business sites, total employees¹ and retail revenue by enterprise size, Central and Eastern Europe, 2018

Figure 43: Telecoms operators' retail revenue from businesses by service type and enterprise size, Central and Eastern Europe, 2018 and 2023²

Figure 44: Business connections and CAGRs by type of connection, Middle East and North Africa, 2018–2023

Figure 45: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, Middle East and North Africa¹

Figure 46: Percentages of business sites, total employees¹ and retail revenue by enterprise size, Middle East and North Africa, 2018

Figure 47: Telecoms operators' retail revenue from businesses by service type and enterprise size, Middle East and North Africa, 2018 and 2023²

Figure 48: Business connections and CAGRs by type of connection, Sub-Saharan Africa, 2018–2023

List of figures [3/3]

Figure 49: Telecoms operators' retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, Sub-Saharan Africa¹

Figure 50: Percentages of business sites, total employees¹ and retail revenue by enterprise size, Sub-Saharan Africa, 2018

Figure 51: Telecoms operators' retail revenue from businesses by service type and enterprise size, Sub-Saharan Africa, 2018 and 2023²

Figure 52: Percentage of enterprises, employees and business sites by enterprise size, worldwide, 2018¹

Figure 53: Diagram of the forecast modelling approach

Figure 54: Definitions and key drivers for mobile services

Figure 55a: Definitions and key drivers for fixed services

Figure 55b: Definitions and key drivers for fixed services

Figure 56a: Definitions and key drivers for other business services

Figure 56b: Definitions and key drivers for other business services

Figure 57: Description of broader IT categories tracked by AMI Partners

Figure 58: Regional breakdown used in this report

About this report

This report analyses the demand for telecoms services by micro, small and medium-sized enterprises (MSMEs) and large enterprises, expressed in terms of revenue, the number of connections or users and the average revenue per user (ARPU).¹

It quantifies the market for fixed and mobile voice and data services, IoT connectivity services and ICT services such as security, unified communications and public and private cloud services.

The report highlights that while revenue from legacy business services is in decline in many developed markets, operators have an opportunity to stabilise revenue by delivering ICT services and supporting IoT deployments. It also identifies the need for operators to keep pace with changing business requirements and technology developments.

The report is based on several sources, including data from operators, national regulators, government agencies and other third parties, and from Analysys Mason's own enterprise survey.

WHO SHOULD READ THIS REPORT

- Telecoms operators that want to identify key areas for revenue growth, both in terms of enterprise segments and individual services.
- Vendors that are considering targeting the enterprise market.
- Third-party service providers seeking collaborative relations with operators.

REPORT COVERAGE

Geographical	Services ²	
Regions modelled individually: <ul style="list-style-type: none"> ▪ Western Europe ▪ Central and Eastern Europe ▪ Developed Asia–Pacific ▪ Emerging Asia–Pacific ▪ North America ▪ Latin America ▪ Middle East and North Africa ▪ Sub-Saharan Africa 	Mobile: <ul style="list-style-type: none"> ▪ Voice, messaging and handset data ▪ Mobile broadband ▪ IoT connectivity 	Other business services: <ul style="list-style-type: none"> ▪ Unified communications ▪ Security ▪ Co-location and hosting ▪ Private cloud ▪ Software-as-a-service (SaaS, public cloud) ▪ Platform-as-a-service (PaaS, public cloud) ▪ Infrastructure-as-a-service (IaaS, public cloud) ▪ Enterprise mobility ▪ Desktop management
Enterprise size	Fixed: <ul style="list-style-type: none"> ▪ Narrowband and VoBB ▪ ADSL/SDSL, vDSL, FTTP/B, cable, BFWA, other fixed broadband ▪ Dedicated connections up to 100Mbit/s, >100Mbit/s and up to 1Gbit/s, and >1Gbit/s ▪ Traditional managed services 	
Segments: <ul style="list-style-type: none"> ▪ Micro (0–9 employees) ▪ Small (10–49 employees) ▪ Medium (50–249 employees) ▪ Large (250+ employees) 		

¹ For the complete data set, see Analysys Mason's [DataHub](#).

² See service taxonomy in the 'Forecast methodology and assumptions' section of this report.

Operator revenue from ICT services forms a small but rapidly growing share of operators’ overall business revenue

We estimate that operator business revenue from ICT services was USD34 billion in 2018 and will grow to USD47 billion in 2023 at an average CAGR of 6.8%.

Co-location and hosting, security, and private cloud services will be important for telecoms operators because these are large overall markets and ones in which operators are well placed to have significant market shares. Operators will also play a key role in delivering unified communications and enterprise mobility services, although these are smaller overall markets.

SaaS and IaaS represent large overall market opportunities, but we do not expect operators to have more than about 5–8% of the total retail revenue generated from these services in 2023.

Overall, we expect operators to account for 11.6% of the USD409 billion addressable market for ICT services by 2023.

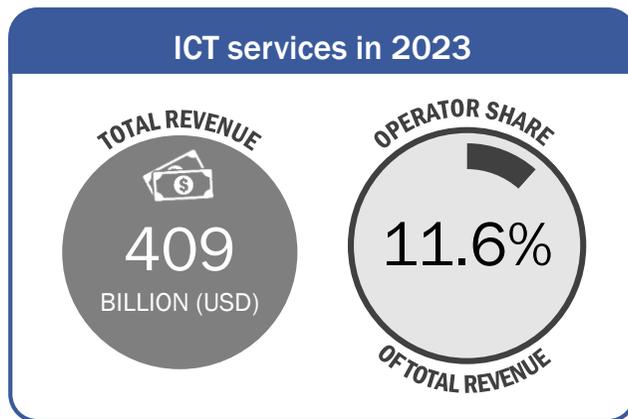
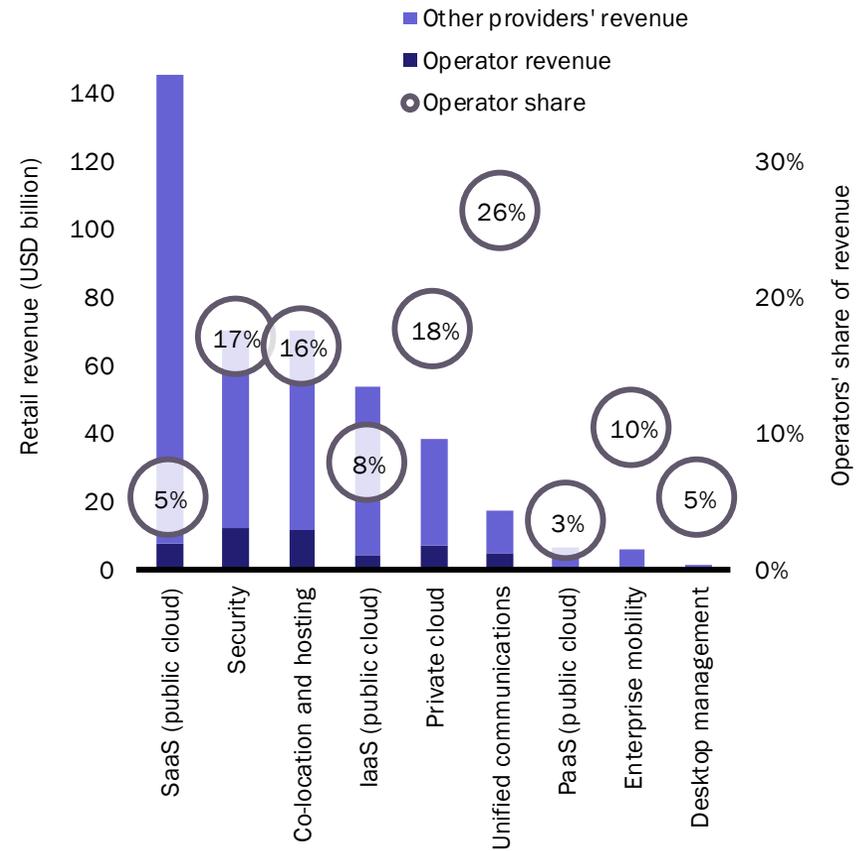


Figure 17: ICT retail revenue from businesses by service type and provider and operators’ share of this revenue by service type, worldwide, 2023



Source: Analysis Mason

Developed Asia–Pacific [1]: growth in operator revenue will be driven by increasing mobile data usage and adoption of ICT services

We estimate that operator business revenue for telecoms and ICT services in developed Asia–Pacific was USD53.1 billion in 2018 and to increase to USD54.9 billion by 2023 at a 0.7% CAGR.

Fixed business services continue to decline in importance in revenue terms, with a shift to internet connectivity and SD-WAN adoption, which is resulting in a decline in revenue for dedicated connections. We expect limited growth in fixed broadband services.

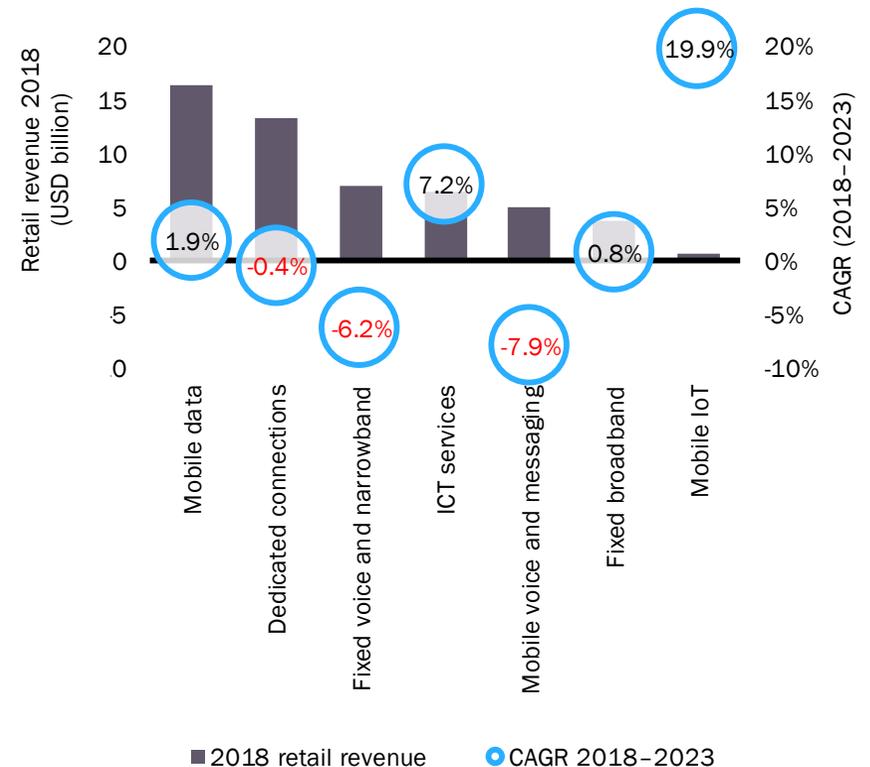
Mobile data accounts for the greatest share of business revenue and we expect to see continued growth due to an increased number of devices deployed and 5G roll-out. IoT connectivity services will deliver strong revenue growth but from a very small base.

Operators in the region are deploying a wide range of ICT services and associated revenue is expected to grow strongly.

Figure 28: Business connections and CAGRs by type of connection, developed Asia–Pacific, 2018–2023

Connection type	Connections (million)		CAGR	
	2018	2023	2014–2018	2018–2023
Mobile handsets	44.1	46.8	5.7%	1.2%
Mobile broadband	4.6	4.9	-7.7%	1.1%
Mobile IoT	33.0	199.0	18.4%	43.3%
Fixed voice	37.9	33.4	-2.5%	-2.5%
Fixed broadband	9.0	9.6	2.9%	1.2%
Fixed dedicated lines	1.7	1.7	0.9%	0.6%

Figure 29: Telecoms operators’ retail revenue from businesses in 2018 and CAGRs for 2018–2023 by service type, developed Asia–Pacific¹



Source: Analysys Mason

¹ See the ‘Presentation of results’ slide in the ‘Forecast methodology and assumptions’ section of this report for full definitions of the aggregate categories presented in the figures.



Executive summary

Worldwide forecasts

Regional-level forecasts

Forecast methodology and assumptions

About the author and Analysys Mason

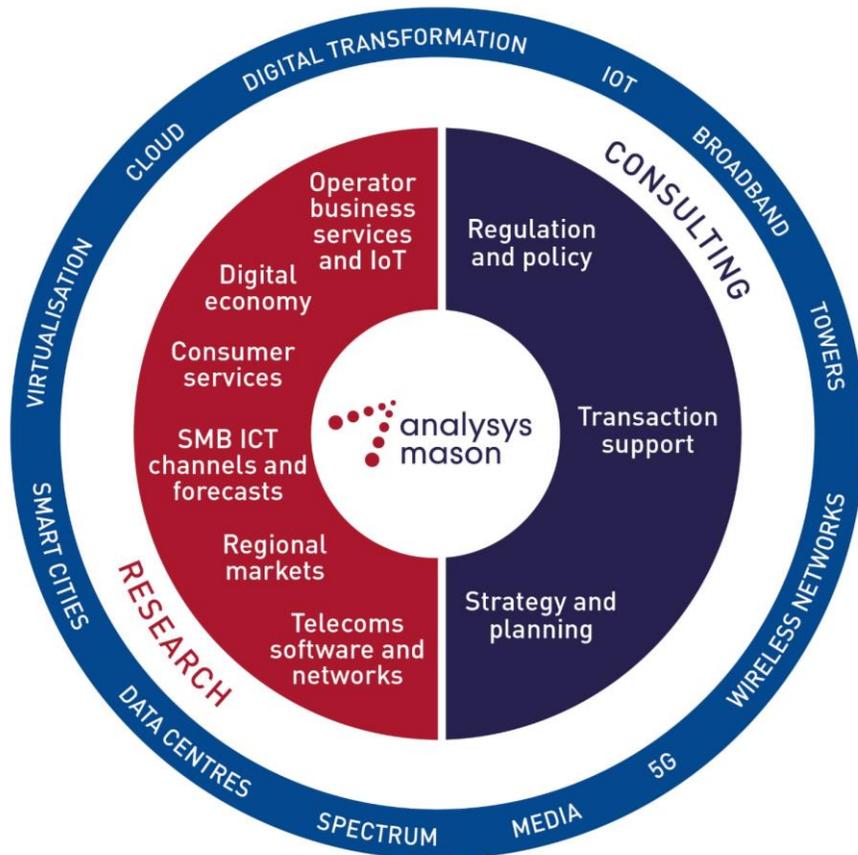
About the author



Catherine Hammond (Principal Analyst) is member of Analysys Mason's *Enterprise and IoT* research programme, specialising in market forecasting. She previously worked for nine years as a Senior Manager within Analysys Mason's Consulting practice, undertaking work for a wide range of operators, regulators and government agencies in Europe and Asia. Her work included the development and review of quantitative models, assessment of business plans, development of market forecasts, collation and analysis of benchmarks, development of white papers and leading client workshops and major presentations. She holds an MA in mathematics from the University of Cambridge.

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Digital economy programmes

- Digital Economy Strategies
- Future Comms

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- Large Enterprise Emerging Service Opportunities
- SME Strategies
- IoT and M2M Services
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