



# IoT forecast: connections, revenue and technology trends 2022–2031



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## About this report

This report analyses wireless IoT adoption worldwide and summarises the forecast data that is published in detail in Analysys Mason's DataHub. This report includes:

- analysis of technology trends including the number of 2G, 3G/4G, 5G, NB-IoT, LTE-M and 'other LPWA' connections and connectivity service revenue worldwide by application
- an overview of the key industry sectors for IoT and their share of IoT connections and revenue
- data on the IoT revenue generated worldwide from hardware, applications and connectivity services.

### WHO SHOULD READ THIS REPORT

This report addresses the requirements of anyone assessing the demand for IoT supported by wireless networks. This includes:

- IoT business units within telecoms operators
- strategy teams in telecoms operators
- teams in telecoms vendors involved in IoT.



### GEOGRAPHICAL COVERAGE

- Central and Eastern Europe (CEE)
- China
- Developed Asia-Pacific (DVAP)
- Emerging Asia-Pacific excluding China (EMAP)
- Latin America (LATAM)
- Middle East and North Africa (MENA)
- North America (NA)
- Sub-Saharan Africa (SSA)
- Western Europe (WE)

Full coverage of the forecasts for 80+ countries is included in Analysys Mason's DataHub.

### KEY METRICS

- Revenue for the following value chain elements:
  - applications
  - connectivity services
  - IoT hardware
- IoT connections (worldwide and by region) by technology type:
  - 2G
  - 3G/4G
  - 5G
  - NB-IoT
  - LTE-M
  - other LPWA
- Connections and revenue by sector:
 

– automotive	– retail
– finance	– smart buildings
– health	– utilities
– industrial	– agriculture
– smart cities	– tracking





**Worldwide trends**

Technology trends

Sector trends

Appendix

About the author and Analysys Mason

# Our research services



## Consumer Services

- Fixed Broadband Services
- Mobile Services
- Fixed-Mobile Convergence
- Smart Devices
- Future Comms
- Video, Gaming and Entertainment
- Digital Services



## Networks

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



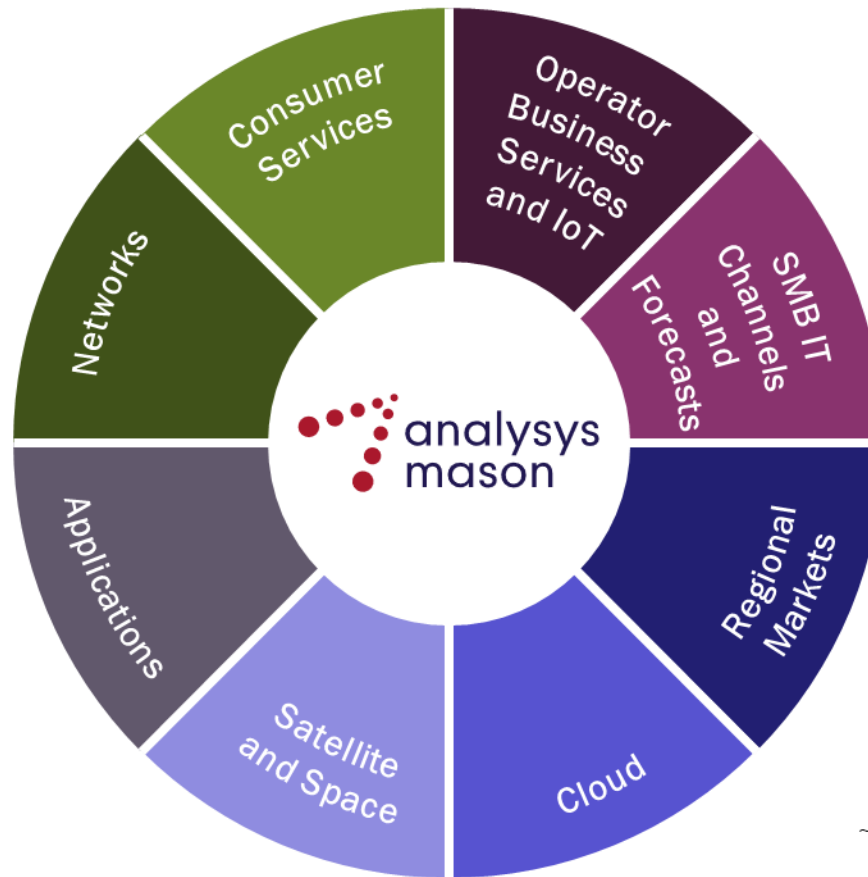
## Applications

- 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
- Edge and Media Platforms
- Multi-Cloud Networking



## DataHub

- ~2800 forecast and 280+ historical metrics
- Regional results and worldwide totals
- Operator historical data



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