Part of the Service Provider Enterprise & Wholesale Service Area Package

Analysis and data examining private LTE and 5G networks as an enterprise 5G market. Our research analyses the current and future state of the market delivering a comprehensive global and regional view of Private Networks’ demand, drivers, challenges, technologies, competition, players, and strategies. We forecast how private networks will grow across different verticals to guide those targeting this emerging opportunity.

“Access to spectrum, the 5G Enterprise opportunity, and increased end-user demand are shaping the private networks market. Network vendors, hyperscalers, industrial vendors, CSPs and specialists are now competing in a complex market fragmented in verticals and regions.

Pablo Tomasi
Principal Analyst
HOW OMDIA HELPS YOU

- Segment and size the private networks market
- Evaluate new B2B service providers disrupting the status quo – and their business models
- Navigate private networks technology choices based on decision framework
- Identify the right buyer personas in private infrastructure and how to engage with them

KEY QUESTIONS ADDRESSED

- What are the leaders of the private networks market?
- What is the real opportunity for private networks in different verticals?
- What are the key technologies, regulations, and business elements that must be in place to enable the growth of the private network market?
- How do private networks fit customers’ demands to drive towards digitization and IoT?
- What are winning strategies and ecosystems emerging in the private network space?
- What is the role and opportunity for 5G in private networks?

The opportunity to manage PN is huge, but so far there is no single winner and the market remains fragmented

Source: Omdia’s Private LTE and 5G Networks Tracker 4Q20
Private Networks: Our Expert Analysts

Connecting the dots in the private networks market

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Private Networks

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Connecting the dots in the private networks market

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  Senior Principal Analyst, Public Safety & Critical Communications
Private Networks: Deliverables

**MARKET DATA**
*Annual*
Market sizing and five-year forecasts for the main hardware and services associated with private networks (LTE and 5G)

**MARKET TRACKING**
*Quarterly*
Tracking global PN market activity including technologies, trials, new deployments, contracts, partnerships, and products/services

**SURVEY REPORT**
*Annual*
Enterprise survey analyzing PN drivers and challenges, adoption and technologies, PN suppliers, and business model and operations

**REPORTS**
*Ongoing*
Topical reports on key aspects of the PN market providing strategic guidance and competitive insights and analysis.

**ANALYST INSIGHTS**
*Ongoing*
Analyst commentary on market shifts, technology and regional developments, vendors, events, and more.

**ANALYST ACCESS**
*Ongoing*
Prompt responses to urgent and unique questions.
# Private Networks: Market Data and Tracking

## Private Networks Market Five Year Forecast

Total market opportunity size and forecasts for the main hardware and services associated with private networks (LTE and 5G).

**Publication**: Q4, 2020, updated annually

The five-year forecast deliver the total market revenue opportunity for RAN, core, and professional and managed services in private networks (LTE and 5G). The forecast provides global and regional splits for Americas, EMEA, and APAC. It covers 8 verticals: energy and utilities, healthcare, manufacturing, transport and logistics, public sector-Government, education, retail, and others.

Delivered in XLS with PPT highlights report.

**2021 improvements**: Country level opportunity for major markets, and opportunity splits by LTE and 5G.

## Private Networks Tracker

Tracking global PN market activity including technologies, trials, new deployments, contracts, partnerships, and products/services

**Frequency**: Quarterly excel file and PPT report twice a year

The Private Network Tracker records all activities around the PN market including technologies, trials, new deployments, contracts, partnerships, product/services, regulatory developments, etc.

Each record includes the following parameters:

- Main actor type (e.g. CSP, enterprise, vendor, etc.)
- Vertical (e.g. healthcare, manufacturing, etc.),
- Country / region,
- Network technology
- Deal structure (e.g. enterprise managed, telco managed, etc.)

The tracker exposes trends emerging in this market and is available in both excel and PPT files.
Private Networks: Reports and Surveys

**Topical Reports FY21**

Commentary and analysis addressing key aspects of the PN market providing strategic guidance and competitive insights.

- Private Networks Business Models and Strategies (Q1)
- Private Networks Technologies (Q4)
- Private Networks in Vertical Markets (Q2)
- Private Networks Trends to Watch in 2022 (Q4)

**Research Notes and Opinions**

Short ~1 page insights providing quick and easily digestible analysis on significant market developments, key market trends and companies’ strategies and technologies. Published throughout the year.

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**Survey Reports**

Enterprise survey analyzing PN drivers and challenges, adoption and technologies, PN suppliers, and business model and operations

**Publication:** Q4 2021

The survey analyses PN drivers and challenges, adoption and technologies, PN suppliers, and business model and operations gathering data directly from enterprises that have deployed or plan to deploy PN.

The survey will cover 7 countries: US, Brazil, Germany, France, UK, Japan, and Australia. The survey included 500 enterprises in 2020 covering both SME and large enterprises from 5 verticals (manufacturing, transport and logistics, retail and hospitality, government, healthcare, and energy).

The survey report will be delivered in PPT.
Private Networks available content as of May 2021

TRACKERS
• *LTE and 5G Private Networks Tracker Report – 2020*
• *LTE and 5G Private Networks Tracker – 4Q20*
• *LTE and 5G Private Networks Tracker – 3Q20 Analysis*
• *LTE and 5G Private Networks Tracker – 3Q20 Data*
• *LTE and 5G Private Networks Tracker – 1Q21 Data*

FORECAST
• *Private LTE and 5G Networks Market Forecast 2020–25 Highlights – January 2020*
• *Private LTE and 5G Networks Market Forecast 2020–25*

REPORTS
• *Understanding CBRS and Private Networks*
• *2021 Trends to Watch: Private Networks*
• *Global Private Network Spectrum Policies in a 5G World*
• *Building the Case for Private Networks: Business Models and Strategies*
• *A Cheat Sheet of Alternative Players Private Networks Strategy*
• *A Cheat Sheet of Network Vendors Private Networks Strategy* (published 2Q21)
• *A Cheat Sheet of CSPs Private Networks Strategy* (published 2Q21)

SURVEY
• *Private LTE and 5G Network Enterprise Survey Insight – 2020*

OPINIONS
• The beginning of the end? Siemens hints at its own private 5G infrastructure
• *Private networks in a 5G world – Where are we now?*
• *Verizon and AT&T go all-in on private networks. Is this a watershed moment for the market?*
About Omdia’s Service Provider Enterprise and Wholesale Research

Omdia helps service providers establish a coherent strategy while building, running, and scaling a profitable B2B business. As more businesses choose to run more ICT as managed or cloud-based services, so service providers find themselves competing against and partnering with, an ever more complex ecosystem of vendors and platform providers.

Omdia’s expert team of analysts provides strategic advice based on a robust foundation of market data to help service providers transform how they build, sell, monetize and support new services, from network to cloud, to the digital workplace.

Custom solutions
Omdia’s consulting services offer a true end-to-end service capability across all aspects of your product lifecycle, from concept and product development, to go-to-market and sales effectiveness. Contact us if you have a project that you would like to discuss with a member of the team.
Our “Ask an Analyst” service provides best in class customer support

Whether you need guidance to navigate the service, information regarding our methodologies or you want to better understand a data trend, Omdia’s support team is here to help.

**Draw on our expertise**
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- Get the most out of your subscription
- Understand more about our methodologies

Our Ask an Analyst service gives you direct contact via telephone, email or face-to-face session with our expert analyst team:

- **Tom Coate**
  Customer Success Manager
- **Kāren Dyer**
  Customer Success Manager

96%
of our customers rate our service as Excellent or Very Good
ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today’s constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.