



MINDIA

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Networked Edge. 5G & Transport Intelligence Service

Part of the Service Provider Networks Service Area Package

Global, in-depth data and analysis covering the evolution of networked edge services, mobile xHaul and microwave.

PRODUCT OVERVIEW | Networked Edge. 5G & Transport Intelligence Service





“ Edge computing presents significant opportunities for telcos. Telcos can capture value from edge computing if they act fast and with focus on a select few verticals with stronger go-to-market approaches and technology partnerships.

Kerem Aarsal
Senior Principal Analyst

Networked Edge. 5G & Transport Intelligence Service

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Worldwide CSP
Edge Compute
Revenue Forecast

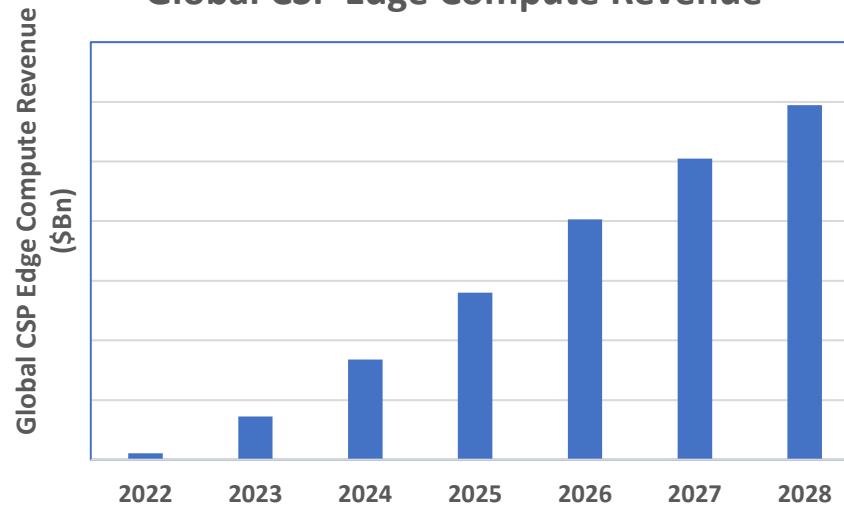
HOW OMDIA HELPS YOU

- Assess the opportunities for CSPs, web-scalers and neutral players in the developing edge ecosystem
- Establish the role of the network vendor in Edge
- Understand the evolution to 5G xHaul and microwave

KEY QUESTIONS ADDRESSED

- What is the realistic edge opportunity for CSPs?
- Where will edge deployments be (servers / workload intensity)?
- What is the impact of edge on xHaul traffic?
- What will be the driving use cases and applications?
- What is the role of network slicing and orchestration in Mobile xHaul and Microwave
- What will the impact of O-RAN on mobile transport?
- How will the ecosystem evolve / where will CSPs be most active?

Global CSP Edge Compute Revenue



Networked Edge. 5G & Transport: Our Expert Analysts



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Transport Networks &
Components

Networked Edge. 5G & Transport: Deliverables



MARKET DATA

Mobile xHaul TAM and Forecast; Microwave Network Equipment Share (Quarterly) & Forecast (annual); Networked Edge TAM and Forecast



SURVEYS

CSP Network Edge Deployment State & Rational for Investment



REPORTS

Thematic reports addressing CSP approaches, strategies, use cases and business models; Platforms and architectures for the Networked Edge.



PRESENTATIONS

Analyst briefings & conference calls



ANALYST INSIGHTS

Analyst commentary and research notes on market shifts, technology and regional developments, vendors, events, and more



ANALYST ACCESS

Prompt responses from Omdia's analyst team to urgent and unique questions.

Networked Edge: Reports, Surveys and Analysis

CSP Network Edge Deployment State & Rational for Investment Survey

An annual insight into the major trends shaping service providers' view of Networked Edge

Frequency: Annual

Interviews with knowledgeable purchase decision-makers at Communications Service Providers worldwide about their:

- Deployment motivators
- Revenue models
- Verticals, Use Cases and Applications
- Current state of edge compute deployment and timing
- Market development challenges
- Edge sites and scale

Networked Edge Ecosystem: Thematic reports

Thematic research reports covering key market development and technology trends

Frequency: ongoing

- **Telco business models for Edge:** This report will assess the potential telco options for Edge in terms of their positions in the value chain / layers and their go-to-market approaches (e.g. B2B, B2B2C, wholesale). Options will be analyzed and compared with their pros and cons in terms of how they can enable key outcomes, such as strategic control points, revenue potential, ease of execution, etc.
- **Evolution of Edge ecosystem and possible futures:** This report will analyze the possible futures of the Edge ecosystem and value chain. It will ask how the currently nascent market may evolve through partnerships and cooperation between facility / data center players, CSPs, webscalers, and vendors across the value chain. What are the potential likely outcomes and who could be winners?
- **Network vendors and Edge:** The report will expand on the role of network vendors in Edge within the context of cloud network architectures, including product evolutions and roadmaps. It will also ask future bandwidth implications of Edge (premise to Edge, Edge to core).
- **Realistic use cases for Edge:** The use cases that are often associated with the future growth of Edge computing are often nascent. Which of these use cases can be the low-hanging fruits for the value chain and who are better positioned to take advantage of these?

5G Xhaul Transport: Market Data

Mobile xHaul Network Equipment TAM and Forecast

Worldwide and regional forecasts and analysis xHaul transport

DETAILS

Frequency: Annual

Coverage

Xhaul network equipment revenue

- Front haul, Back haul
- Up to-and 4G, 5G
- Fixed IP/Optical/PON, Microwave

Regions

- Worldwide
- North America
- EMEA
- Asia-Oceania
- Latin America and the Caribbean

Measure

- TAM revenues

Microwave Network Equipment Share and Forecast

Worldwide and regional market share and analysis for microwave network equipment

DETAILS

Frequency:

- Share (quarterly)
- Forecast (annual)

Coverage

Microwave network equipment revenue

- Eband

Regions

- Worldwide
- North America
- EMEA
- Asia-Oceania
- Latin America and the Caribbean

Measure

- Market share revenues

Networked Edge Solutions: Research Themes for 2023

Analyzing the evolution of the Network edge

Edge ecosystem development, covering CSPs, web-scalers and neutral players

Edge tech and services development in the CSP network, identification of the B2B and B2C Edge-dependent services which will drive network Edge deployments and opportunity

Building Edge business models for CSPs

The network vendor and Edge

A big dose of myth busting

5G Transport – xHaul & Microwave: Research Themes for 2023

Analyzing the evolution to 5G xHaul and Microwave

5G & MEC applications that catalyze bandwidth change in xHaul environment

xHaul Evolution; integrated multi-host & optical pluggables

The role network slicing and orchestration in Mobile xHaul and Microwave

The impact of O-RAN on mobile transport

Microwave technology update: E-band and extended range

Related Content: Service Provider Networks Service Area Coverage



Service Area Package: **Service Provider Networks**

Broadband Access
Intelligence Service

Optical Components
Intelligence Service

Mobile Infrastructure
Intelligence Service

Optical Networks
Intelligence Service

Telco Cloud & Network Automation
Intelligence Service

**Networked Edge. 5G Transport
Intelligence Service**

Service Provider Operations & IT
Intelligence Service

Service Provider Routing & Switching
Intelligence Service

Service Provider Network Evolution
Intelligence Service

Service Provider Networks Viewpoint Service

Enterprise SP Routing & Switching
Spotlight Service

Telecoms IT Contracts
Spotlight Service

Telecoms Vendor Market Share
Spotlight Service

Telecoms Vendor Contracts
Spotlight Service

About Omdia's Service Provider Networks Coverage

Omdia's Service Provider Networks research services provide expert analysis and data across the complete landscape of telecoms networks, including infrastructure, software and operations. The Networks team supports the broadest coverage in the industry, from mobile access, fixed access and mobile core, to transport, microwave, routing/switching, optical networks and components. Offering specialist coverage on service providers' own transformation, including telecoms operations and IT, carrier network software, and service provider AI, Omdia's Networks research provides the unique ability to both deep dive into specific technologies as well as gain higher-level strategic analysis and insight.

Omdia's Network research complements our Service Provider Consumer and Enterprise research services, enabling us to advise key vendors on their customers' customers, and guide service providers themselves on the evolving technology supplier and partner landscape. Omdia helps both vendors and service providers assess which applications and products will drive future growth, forecast the adoption and impact of new technologies, benchmark key competitors, target customers, and select suppliers, providing a holistic view of service provider investments across the industry.

Through our coverage of mobile and broadband access and core networks, transport networks, optical networks and components, and service provider transformation, our global team of expert analysts offers unparalleled data and insight as the transformation of service provider networks gathers pace.

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Kâren Dyer
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Thank you

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