Part of the Service Provider Networks Service Area Package
Global, in-depth coverage of networked edge services, mobile xHaul and microwave.

Evolution to 5G has a significant impact on underlying mobile transport infrastructure. Key end user decisions remain a choice of standalone vs non-standalone design and a consolidation of 5G and Networked edge solutions. CSPs are making it very easy to customize the right solution by their own design and extensive use of partnering to give the end customer a full service from end to end.

Jeff Schwartz
Senior Principal Analyst
How Omdia Helps You

- Suite of market reports covering:
  - CSP approaches, strategies, use cases and business models
  - Platforms and architectures for the Networked Edge.
- Long-form reports and webinars that analyze key technology and market trends, trends & outlooks.
- Timely analyst insights/opinions on key market announcements and events that impact edge, on Networked Edge and 5G Transport

Key Questions Addressed

- How will OpenRan play in?
- What are the emerging, intriguing practical use cases?
- Why are partnerships necessary? What are some of the leading examples?
- Why is network slicing essential? And what are the early leading slicing applications?

Worldwide Mobile xHaul Equipment Revenue Forecast

<table>
<thead>
<tr>
<th>Year</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value ($bn)</td>
<td>$2.0</td>
<td>$4.0</td>
<td>$6.0</td>
<td>$8.0</td>
<td>$10.0</td>
</tr>
<tr>
<td>Up to and including 4G</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5G</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
Networked Edge, 5G & Transport: Our Expert Analysts

Jeff Schwartz
Senior Principal Analyst, Networked Edge, 5G and Transport

Stephanie Gibbons
Senior Principal Analyst, Service Provider

Sameer Ashfaq Malik
Senior Principal Analyst, Transport, Switching & Routing

Ian Redpath
Practice Leader, Transport Networks & Components
Networked Edge, 5G and Transport: Deliverables

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

MARKET DATA
—Various: Quarterly to Annual—
• Mobile xHaul Forecast and TAM
• Microwave Network Equipment Share (Quarterly) & Forecast (annual)
• Networked Edge TAM and Forecast

PRESENTATIONS
—Ongoing—
Analyst briefings & conference calls

SURVEYS
—Annual—
• Operator surveys

ANALYST ACCESS
—Ongoing—
For prompt responses to urgent and unique questions.

REPORTS
—Various—
• Thematic research notes
Networked Edge, 5G and Transport: Market Data

Mobile xHaul Network Equipment TAM and Forecast

Worldwide and regional forecasts and analysis xHaul transport

**DETAILS**

- **Frequency:**
  - TAM (bi-annual)
  - Forecast (bi-annual)

- **Measures**
  - Revenues
  - TAM

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

- **COVERAGE**

  - Xhaul network equipment revenue
    - Front haul, Back haul
    - Up to-and 4G, 5G
    - Optical, Microwave

Microwave Network Equipment Share and Forecast

Worldwide and regional market share and analysis for microwave network equipment

**DETAILS**

- **Frequency:**
  - Share (quarterly)
  - Forecast (annual)

- **Measures**
  - Revenues
  - Market share

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

- **COVERAGE**

  - Microwave network equipment revenue
    - Ethernet,
    - Dual Ethernet,
    - V-band millimeter wave,
    - E-band millimeter wave
## Networked Edge and 5G: Reports, Surveys and Analysis

### Service Provider & Enterprise Surveys

An annual insight into the major trends shaping service providers’ view of 5G transport strategies and vendors

**Frequency:** Annual

Interviews with knowledgeable purchase decision-makers at network operators worldwide about their 5G transport strategies, performance requirements, and technology and evolution plans.

### Networked Edge Ecosystem reports

On an ongoing/as needed basis we will look at the performance of the networked edge from incoming to outgoing traffic and use with or without 5G service.

**Frequency:** on-going, annual study

Surveys as needed with key decision makers and use of statistics team to aggregate responses.
### Analyzing the evolution to 5G

<table>
<thead>
<tr>
<th>Topic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standalone vs non-standalone xHaul 5G networks (5G or 4G with 5G)</td>
<td></td>
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<tr>
<td>The emergence of 5G virtualized RAN architectures</td>
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</tr>
<tr>
<td>The use cases supporting early adoption of 5G and the networked edge</td>
<td></td>
</tr>
<tr>
<td>Support for network slicing and orchestration across network layers</td>
<td></td>
</tr>
<tr>
<td>The impact of OpenRAN on mobile transport</td>
<td></td>
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<tr>
<td>Key partnerships and design criteria necessary to a successful transition</td>
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</tbody>
</table>
## Analyzing the evolution of the Network edge

<table>
<thead>
<tr>
<th>Title</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is the edge, where does it go, what does it do, how does it work with Mobile networks.</td>
<td></td>
</tr>
<tr>
<td>Edge networks for a next generational sustainable future</td>
<td></td>
</tr>
<tr>
<td>Building ecosystems through Partnerships</td>
<td></td>
</tr>
<tr>
<td>Establish the right solution, 5G with Edge in a converged network environment</td>
<td></td>
</tr>
<tr>
<td>The future of voice and data in the service provider marketplace with a specific focus on 5G use cases in the context of edge.</td>
<td></td>
</tr>
</tbody>
</table>
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.
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**

- Make the right decisions
- Sanity-check your own findings
- 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:

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

**Tom Coate**  
Customer Success Manager

**Kāren Dyer**  
Customer Success Manager
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.