

Broadband Access Intelligence Service

Part of the Service Provider Networks Service Area Package

Global, in-depth coverage of broadband access technologies, equipment, and SD-Access strategies being deployed by telco operators, cable operators, and alternative operators. Key trends tracked include next-gen PON, use of PON for nonresidential applications, DAA, and gfast.

“ Technology upgrades are accelerating as operators cope with ever-increasing broadband demand from residential and nonresidential subscribers and applications. ”

Julie Kunstler

Senior Principal Analyst

Broadband Access Intelligence Service

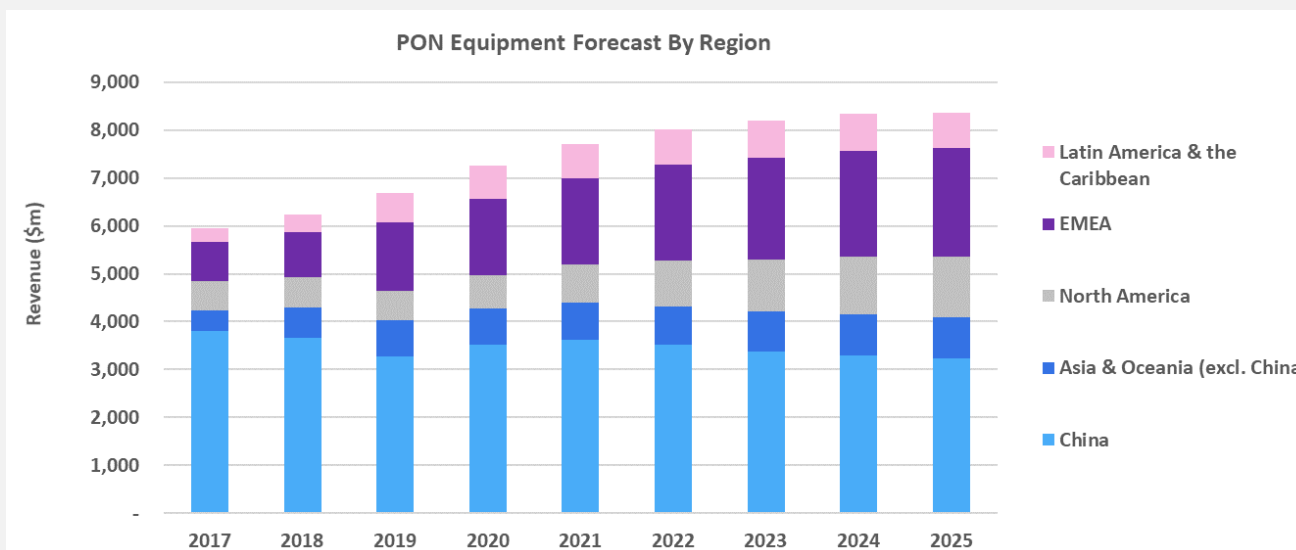
Part of the Service Provider Networks Service Area Package

HOW OMDIA HELPS YOU

- Size the market opportunities for next-gen access technologies.
- Understand adoption of SD-Access solutions and vendor strategies.
- Analyze the use of next-gen PON for nonresidential applications and subscribers.
- Investigate DAA adoption rates.

KEY QUESTIONS ADDRESSED

- What are the size, share, and forecasts for broadband access technologies, covering fiber, copper, and coax?
- What’s the adoption rate of next-gen broadband access technologies in the network?
- How quickly are cable operators moving to virtualized and/or distributed solutions?
- What is future of copper-based broadband access? Which regions are continuing to invest in copper-based architecture?
- What’s the adoption rate of white-box-based vOLT solutions?
- Is China still dominating consumption of PON equipment?



Broadband Access: Our Expert Analysts



Daryl Schoolar
Practice Leader
Fixed & Mobile Infrastructure

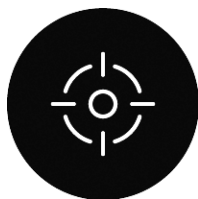


Julie Kunstler
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Broadband Access: Deliverables



MARKET DATA

—Quarterly—

- PON, xDSL + Gfast – units and revenues
- Cable equipment - revenues



WEBINARS

—Biannual—

Scheduled webinars on market share and research highlights



MARKET REPORTS

—Annual—

- PON Vendor Landscape Report
- Cable Equipment Report



ANALYST INSIGHTS & ACCESS

—Ongoing—

Analyst commentary on market shifts, technologies, regional developments, vendors, events, and more. Prompt responses to urgent and unique questions.



FORECASTS

—Biannual—

Detailed semi-annual forecasts covering broadband access infrastructure.



THEMATIC & TRENDS REPORTS

—Ongoing—

Regular thematic and trends reports based on market developments

Broadband Access: Market Data

PON, xDSL + Gfast Market Shares

Worldwide and regional market share and analysis for PON, xDSL + Gfast :

DETAILS

Frequency: Quarterly

Measures

- Vendor market shares
- Revenues
- Units

Regions

- Worldwide
- North America
- Europe, the Middle East & Africa
- Asia-Oceania (China, Rest of APAC)
- Latin America and the Caribbean

COVERAGE

- PON OLTs and PON ONTs
- PON equipment types:
 - GPON
 - 10G GPON
 - NG PON2
 - 1G EPON
 - 10G EPON
- P2P
- xDSL + Gfast
 - ADSL
 - VDSL
 - SHDSL
 - Gfast

Cable Equipment Market Shares

Worldwide and regional market share and analysis for cable equipment

DETAILS

Frequency: Quarterly

Measures

- Vendor market shares
- Revenues

Regions

- Worldwide
- North America
- Europe, the Middle East & Africa
- Asia-Oceania (China, Rest of APAC)
- Latin America and the Caribbean

COVERAGE

- Cable broadband access equipment types and sub-types:
 - Centralized
 - CMTS/CCAP
 - Cloud-enabled CMTS/CCAP
 - Distributed

Broadband Access: Market Data

Broadband Access Infrastructure Forecast: Fiber + Copper

Worldwide and regional forecasts and analysis for broadband access and infrastructure

DETAILS

Frequency: Biannual

Measures

- Revenues
- Units
- ASPs

Regions

- Worldwide
- North America
- EMEA (Western Europe, Eastern Europe, Middle East & Africa)
- Asia-Oceania (China, Rest of APAC)
- Latin America and the Caribbean

COVERAGE

- PON OLTs and PON ONTs
- PON equipment types:
 - GPON
 - 10G GPON
 - NG PON2
 - 1G EPON
 - 10G EPON
- P2P
- WDM PON
- xDSL + Gfast
 - ADSL
 - VDSL
 - SHDSL
 - Gfast

Broadband Access Infrastructure Forecast: Cable

Worldwide and regional forecasts and analysis for cable broadband access and infrastructure

DETAILS

Frequency: Biannual

Measures

- Revenues

Regions

- Worldwide
- North America
- EMEA (Western Europe, Eastern Europe, Middle East & Africa)
- Asia-Oceania (China, Rest of APAC)
- Latin America and the Caribbean

COVERAGE

- Cable broadband access equipment:
 - Centralized
 - CMTS/CCAP
 - Cloud-enabled CMTS/CCAP
 - Distributed
 - Remote PHY/MACPHY devices & shelves
 - Digital fiber nodes

Broadband Access: Market Data

OC FTTx Forecast

Worldwide OC FTTx forecast

DETAILS

Frequency: Annual

Measures

- Revenues
- Units
- ASPs

Regions

- Worldwide

COVERAGE

- PON OLT and PON ONT transceivers/BOSAs
- PON equipment types:
 - GPON
 - 10G GPON
 - Combo PON
 - NG PON2
 - 1G EPON
 - 10G EPON
- P2P
- WDM PON

Broadband Access: Reports, Surveys and Analysis

Annual Market Reports

Annual market reports covering data and trends across key broadband access infrastructure technologies and markets including:

PON Vendor Landscape Report

- Detailed PON Report on vendors and trends
- Extensive briefings

Cable Technology Report

- Status of adoption of next-gen cable technologies

SD-Access Report

- Annual report on status of SD Access

Next-gen PON for non-residential applications and subscribers

- Case study and strategies of PON's use for SMEs, smart cities, xhaul, and POL (Passive Optical LAN)

Trends to Watch & Regular Research Reports

Series of regular and ad hoc trends and strategy reports covering all aspects of the broadband access infrastructure market

Broadband Access Trends to Watch

Frequency: Annual

Annual roundup of all events and developments that are expected to impact the broadband access market in the years to come. Typically includes an analysis of emerging technologies and capabilities, and wider trends that will impact the sector

TVCA Tracker

Frequency: Monthly

Monthly vendor tracker report

Broadband Access 2020-2021 Research Themes

Frequency: Event driven

Topical reports delving deeper into major research themes typically triggered off of a major industry event.

Broadband Access: 2020-21 Research Themes

FTTx and cable broadband locked into a fight for the home

Broadband data consumption continues to grow as consumers use fixed broadband access networks for delivery of high-definition video, online gaming, and home automation applications. Fixed broadband technologies continue to improve to meet those demands. FTTx and cable broadband technologies are key enablers of the home broadband connection and often find themselves pitted against each other as operators look to capture greater market share.

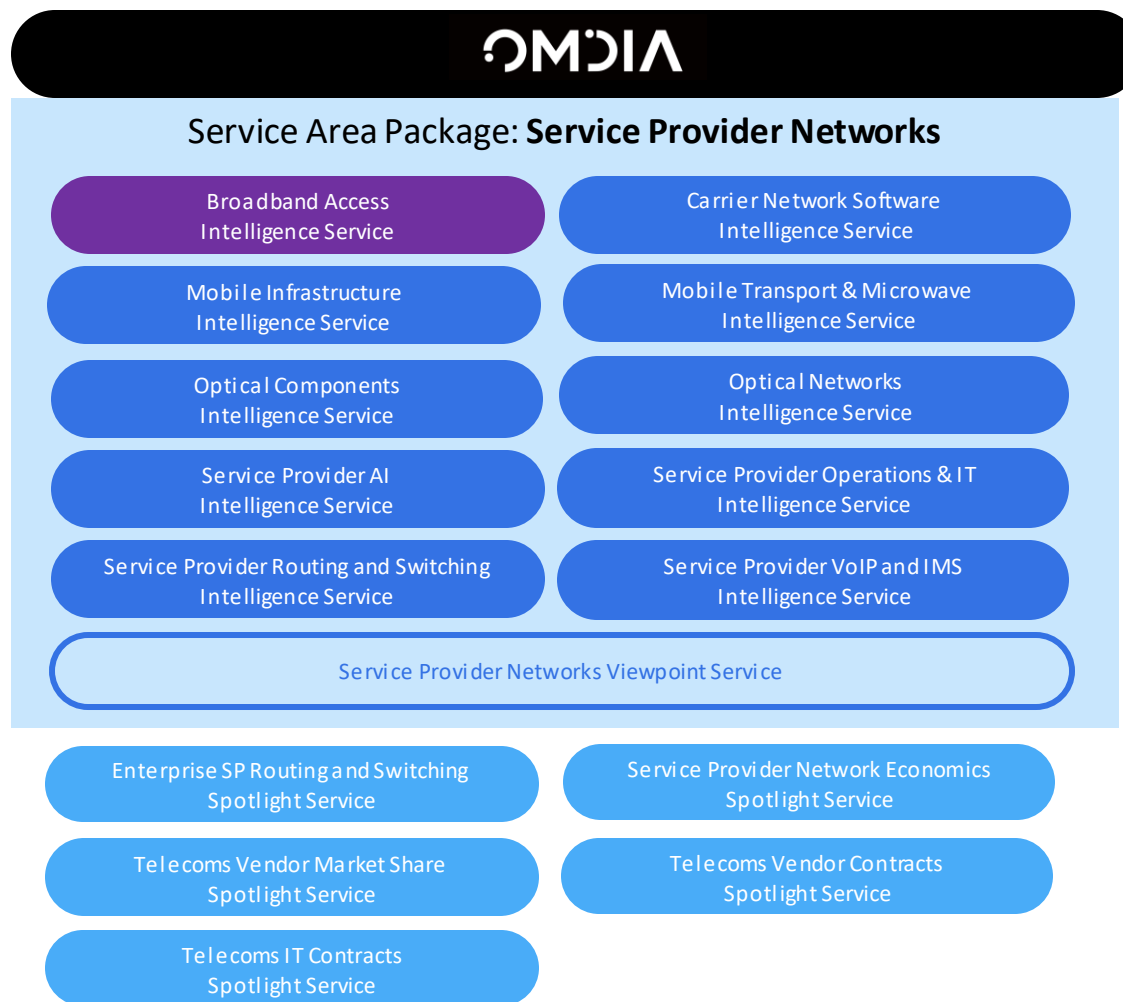
Fiber access networks are playing a role in 5G small cell deployments – network convergence is underway

PON infrastructure has supported wireless backhaul for many years; however, 10G PON has a larger role to play in support of 5G small cells.

10G PON is attractive for SMEs and smart cities, supporting new revenue streams for operators

10G PON infrastructure is being used by operators to support SMEs and smart cities, providing new revenue streams for operators while enabling fiber-asset efficiency.

Related Content: Service Provider Networks Service Area Coverage



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.

Broadband Access: Migration to a Combined Product

Relevant to Subscribers of Legacy Products:

- ✓ Network Infrastructure and Software (Ovum)
- ✓ Broadband Infrastructure Intelligence Service (IHS Markit Technology)

BENEFITS AND FEATURES OF NEW SERVICE

- **Legacy Ovum Network Infrastructure and Software Subscribers:**
 - Analyst webinars
 - Increased forecast frequency
- **Legacy IHSM Broadband Infrastructure Intelligence Service Subscribers:**
 - Increased volume and frequency of thematic and strategic reports

OTHER CHANGES

- Alignment in frequency of forecast updates to 2 times per year for core datasets.

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:



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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.