



Global Market Share Report

DSL Port Shipments – 2018 & 4Q18

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Table of Contents

- ▶ Executive Summary
 - Global Market Share (Rolling 4-Quarter)
- ▶ Market Analysis- Annual (2018)
 - Annual DSL Port Shipments by Year (2002-2018)
 - Global DSL port shipments by Region, 2018 vs. 2017
 - Global Cumulative DSL Port Shipments & Utilization Rate
 - Annual DSL Port Distribution by Type
 - Annual Global VDSL Port Shipments by Region
 - Annual DSLAM Revenue by Region
 - Global Total DSL Market Share – 2018 vs. 2017
 - Global VDSL Market Share – 2018 vs. 2017
 - Global Gast Market Share – 2018 & 4Q18
- ▶ Market Analysis -4Q18
 - Quarterly DSL Port Shipments by Region (4Q16-4Q18)
 - Quarterly DSL Port Distribution by Type (4Q16-4Q18)
 - Quarterly VDSL Port Shipments by Region – 4Q16-4Q18
 - Quarterly DSLAM Revenue by Region, 4Q16-4Q18
- ▶ Vendor Analysis
 - Top 3 by Region, 2018
 - Global DSL Port Shipments by Vendor, 2018 vs. 2017
 - Global VDSL Port Shipments by Vendor, 2018 vs. 2017
 - Global Total DSL Rolling 4-quarter & Current Quarter Market Share
 - Global Total VDSL Rolling 4-quarter & Current Quarter Market Share
 - Asia Pacific
 - Rolling 4-Quarter by Vendor & Current Quarter
 - 2018 vs. 2017
 - Cumulative DSL Port Shipments & Utilization Rate
 - CALA
 - Rolling 4-Quarter by Vendor & Current Quarter
 - 2018 vs. 2017
 - Cumulative DSL Port Shipments & Utilization Rate
 - EMEA
 - Rolling 4-Quarter by Vendor & Current Quarter
 - 2018 vs. 2017
 - Cumulative DSL Port Shipments & Utilization Rate
 - North America
 - Rolling 4-Quarter by Vendor & Current Quarter
 - 2018 vs. 2017
 - Cumulative DSL Port Shipments & Utilization Rate
- ▶ Methodology

List of Figures & Tables

List of Figures

- Figure 1: Top Global DSL Vendors (Rolling 4-qtr), 1Q18-4Q18
- Figure 2: Annual DSL Port Shipments, 2002-2018
- Figure 3: Global DSL port shipments by Region, 2018 vs. 2017
- Figure 4: Global Cumulative DSL Port Shipments vs. Subscribers, 2002-2017
- Figure 5: DSL port Distribution by Type, 2002-2018
- Figure 6: Annual VDSL Port Shipments by Region (2004-2018)
- Figure 7: DSLAM Revenue by Region (2004-2018)
- Figure 8: Global DSL Market Share 2018 vs. 2017
- Figure 9: Global VDSL Market Share 2018 vs. 2017
- Figure 10: Global Gfast Market Share, 2018 & 4Q18
- Figure 11: Quarterly DSL Port Shipments, 4Q16-4Q18
- Figure 12: Quarterly DSL Port Distribution by Type, 4Q16-4Q18
- Figure 13: Quarterly VDSL Port Shipments by Region, 4Q16-4Q18
- Figure 14: Quarterly DSLAM Revenue by Region, 4Q16-4Q18
- Figure 15: Asia Pacific Rolling 4-quarter & Current Quarter Market Share
- Figure 16: Asia Pacific Cumulative DSL Port Shipments vs. Subscribers, 2001-2018
- Figure 17: CALA Rolling 4-quarter & Current Quarter Market Share
- Figure 18: CALA Cumulative DSL Port Shipments vs. Subscribers, 2001-2018
- Figure 19: EMEA Rolling 4-quarter & Current Quarter Market Share
- Figure 20: EMEA Cumulative DSL Port Shipments vs. Subscribers, 2001-2018
- Figure 21: North America Rolling 4-quarter & Current Quarter Market Share
- Figure 22: North America Cumulative DSL Port Shipments vs. Subscribers, 2001-2018

List of Tables:

- Table 1: Global Gfast Shipments by Vendor, 2018 vs. 2017
- Table 2: Top Five DSL Vendors by Region, 2018
- Table 3: Global DSL Port Shipments by Vendor, (2018 vs. 2017)
- Table 4: Global VDSL Port Shipments by Vendor (2018 vs. 2017)
- Table 5: Asia Pacific DSL Port Shipments by Vendor, (2018 vs. 2017)
- Table 6: CALA DSL Port Shipments by Vendor, (2018 vs. 2017)
- Table 7: EMEA DSL Port Shipments by Vendor, (2018 vs. 2017)
- Table 8: North America DSL Port Shipments by Vendor, (2018 vs. 2017)

Supplemental Spreadsheet:

This spreadsheet includes quarterly DSL port shipments by type and revenue for each vendor from 1Q02 to 4Q18. It also provides IP-DSLAM market share by vendor (1Q05-4Q09) as well as quarterly MSAP shipment information (1Q03-4Q11). Data is presented by region and global totals.

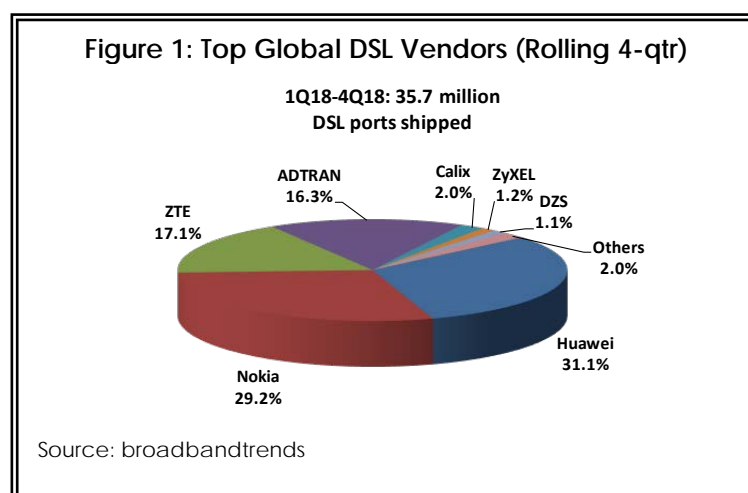
- ▶ Page 2: List of Vendors Tracked
- ▶ Page 3: Report Summary
- ▶ Page 4: Global Shipment Summary by Region (1Q02-4Q18)
- ▶ Page 5: Rolling 4-Quarter Total DSL Market Share - by Region (1Q18-4Q18)
- ▶ Page 6: Current Quarter Total DSL Market Share by Region (4Q18)
- ▶ Page 7: Rolling 4-Quarter VDSL Market Share by Region (1Q18-4Q18)
- ▶ Page 8: Current Quarter VDSL Market Share by Region (4Q18)
- ▶ Page 9: 2018 versus 2017 Global DSL Market Share
- ▶ Page 10: Gfast Global Market Share
- ▶ Page 11: Global Totals by Vendor (1Q02-4Q18)
- ▶ Page 12: Asia Pacific Totals by Vendor (1Q02-4Q18)
- ▶ Page 13: CALA Totals by Vendor (1Q02-4Q18)
- ▶ Page 14: EMEA Totals by Vendor (1Q02-4Q18)
- ▶ Page 15: North America Totals by Vendor (1Q02-4Q18)
- ▶ Page 16: IP-DSLAM Market Share by Vendor (Current and Rolling 4-Quarter) through 4Q09
- ▶ Page 17: MSAP By Vendor (1Q03-4Q11)

DSL Port shipments Hit New Lows in 2018 as Operators Shift their Focus to FTTH

Executive Summary

Growing demand for fiber-based broadband technologies continued to impact overall DSL port shipments during 2018. Global DSL port shipments declined 22 percent year-over-year to reach 35.7 million. VDSL port shipments now constitute the majority of ports shipped, reaching nearly 94 percent of the total in 2018. With declining DSL subscribers, virtually all port shipments are to support rehabilitation of the current infrastructure, rather than support for subscriber growth. To date, cumulative DSL port shipments have reached nearly 1.15 billion.

For 2018, Huawei maintained its rolling 4-quarter market leader position with 31 percent share, followed by Nokia at 29 percent, followed by ZTE, ADTRAN and Calix. Rolling 4-quarter market share is shown in Figure 1.



During 2018, VDSL port shipments represented 94 percent of total DSL port shipments; ADSL represented 6 percent of shipments versus 20 percent in 2016. SHDSL shipments are less than 1 percent.

VDSL is now the dominant technology within all regions and contributes, representing 82 percent of total Asia Pacific DSL ports, 94 percent of CALA, 96 percent of EMEA and 97 percent of North America total DSL ports.

Huawei is the VDSL market share leader for rolling 4-quarter with 31 percent market share, followed by Nokia with 30 percent.

Gfast deployments accelerated during 4Q18, growing by 51 percent quarter-over-quarter to reach 797,000. For 2018, Gfast shipments reached 1.94 million ports, growing 121 percent over 2017. To date, Gfast shipments have reached nearly 3 million. Nearly 75 percent of all Gfast ports have been shipped into EMEA, followed by Asia Pacific then North America.

For 4Q18, Huawei is the market share leader for Gfast port shipments with 43 percent market share, followed by Nokia at 27 percent and ADTRAN at 22 percent.

For 2018, Huawei was the market share leader with 59 percent of total Gfast ports shipped, followed by Nokia at 21 percent and ADTRAN at 13 percent.

About this report

This Global DSL Market Share report covers port shipments from DSL Aggregation Equipment to include: IP DSLAMs & MSAN/MSAPs. Global and regional market shares are updated quarterly and cover all regions (Global, Asia Pacific, CALA, EMEA and North America). Market Share is calculated for both the current quarter as well as a rolling 4-quarter period.

DSL Market Share is reported for the following segmentation:

- 1). By Vendor
- 2.) By Type of DSL (ADSL/ADSL2+, SHDSL, VDSL/VDSL2+,
- 3.) By Region: Asia Pacific, CALA, EMEA and North America
- 4.) By Revenue (\$USD)

Companies tracked in this report include ADTRAN, Calix, DZS, ECI Telecom, Ericsson, FiberHome, Fujitsu, Huawei, Iskratel, KeyMile, NEC, Nokia, PacketFront, Samsung, Sumitomo, Tellabs, UTStarcom, ZTE, ZyXEL and others.

This report includes both a 25-page written report (including 22 Figures and 8 Tables) as well as a supplemental spreadsheet. This spreadsheet includes quarterly DSL port shipments by type and revenue for each vendor from 1Q02 to 4Q18. It also provides IP-DSLAM market share by vendor (1Q05-4Q09) as well as quarterly MSAP shipment information (1Q03-4Q11). Data is presented by region and global totals.

This report is part of Broadbandtrends Continuous Information Service, or is available for \$1495 (\$USD).

For more information about our services, or to order this report, please contact us at 540.725.9774 or via email at sales@broadbandtrends.com. Additionally this report may be purchased online at <http://www.broadbandtrends.com>

Methodology

Each quarter broadbandtrends requests DSL quarterly port shipment from DSL equipment vendors. We request data for all DSL platforms such as ATM-DSLAMs, IP-DSLAMs as well as Multi-Service Access Platforms that offer DSL. We request DSL by type (ADSL/ADSL2+, SHDSL, VDSL/VDSL2) and we request this information to be broken out by region (Asia Pacific, CALA, EMEA, North America). We also track press releases, earnings calls/reports, service provider activity and well as subscriber adoption. In addition, we will have discussions with vendors as necessary to clarify data.

For MSAP we also collect DS0/VoIP lines which are line side 64K DS0 circuits delivered through ports in the equipment shipped for revenue. As of 1Q12, we are no longer tracking MSAP ports.

In order to calculate revenue, we use an Average Selling Price per region unless this information is provided by the vendor.

All vendors identified have provided shipment information, unless otherwise stated in the notes.

Market Share is calculated for both the current quarter as well as a rolling 4-quarter period.

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