

Nokia dominates global XGS-PON OLT market

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Nokia ranks #1 in the global XGS-PON OLT market for eight consecutive quarters*

According to Omdia, the leading technology market research firm, Nokia dominates the global XGS-PON OLT equipment market, taking the #1 position worldwide since 3Q 2021. Regionally, Nokia has been the leading XGS-PON OLT vendor in North America since early 2018. Nokia also holds the #1 position in Europe, Middle East & Africa (EMEA) and in Latin America & Caribbean (LA&C).

Nokia's XGS-PON OLT solutions range from low-port count, field-based OLTs to high-density, central-office and data center-based equipment. This has enabled Nokia to support diverse customer requirements, ranging from small rural and remote deployments to large urban deployments.

Nokia's XGS-PON OLT solutions are based on its own Quillion chip, which also supports 25G PON. Nokia has shipped more than 2.1 million XGS-PON OLT ports since the beginning of 2018. XGS-PON OLTs are dominating shipments in many countries, as bandwidth demand continues to grow, along with the use of PON for non-residential customers and services.

Nokia ranks #1 in several regions for XGS-PON ONTs/ONUs*

Nokia has ranked #1 in North America for XGS-PON ONTs/ONUs for the past 14 quarters. Nokia has taken the #1 ranking this year for the EMEA XGS-PON ONT/ONU market.

Nokia has shipped more than 5.5 million XGS-PON ONT/ONU ports since 2018.

Dominance in XGS-PON enables CSPs to expand customer base and increase revenues

Nokia's XGS-PON is enabling numerous Communications Service Providers (CSPs) to increase fiber-based ARPU with Gig and multi-Gig service offerings. Concurrently, XGS-PON is supporting broadband services to enterprises, enabling CSPs to offer up to symmetrical 8Gbps-services. In addition, XGS-PON is being used by xHaul transport, supporting ever-growing wireless backhaul, mid-haul, and front-haul.

CSPs are supporting enterprises and xHaul transport on the fiber and energy efficient PON infrastructure as fiber-to-the-home, expanding use of the Optical Distribution Network, thereby increasing revenues while saving capital and operational expenditures.

Nokia's PON customer base ranges from utility coops to tier 1 CSPs

Nokia's customers range from small, utility co-ops and municipalities to tier 1 operators, and from traditional telcos to cable operators, and to alternative network operators/overbuilders.

*All rankings are based on Omdia's quarterly market share data – revenues, using rolling-4 quarter rankings.

Omdia Commissioned Research

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