

New Fiber Optic Array from Latvia



Overview

As part of the European Union-funded project “Improving the Availability of Electronic Communications Infrastructure in Rural Areas”, LVRTC has built a middle-mile optical network. The network construction was carried out in two phases. Tet has built a nationwide Fibre to the Home (FTTH) network covering more than 530,000 (72%) of Latvian households. This gives Latvia a strong impulse towards reaching the connectivity objectives set by the European Commission. The optical fiber route built during the second phase extended. We are constructing a fully diverse, high-capacity route between Helsinki and Warsaw, creating a resilient ring for traffic between Sweden, Finland, Poland, Estonia, Latvia and Lithuania. The new terrestrial path reduces latency between the Baltics and Western Europe, increases diversity in a. We develop and manufacture optical fibers and fiber optic systems for demanding applications in industry, medical technology, and research. From preform to application-ready OEM solutions, every component is produced in-house – enabling precise, reliable, and seamlessly integrated fiber solutions. Today Nokia and Tet announced that they have successfully trialled 25G PON technology, making them the first to demonstrate symmetric speeds of 20 Gbps in Latvia. Explore cable routes, landing stations, system status and infrastructure updates. Interactive map of the world's major submarine cable systems and landing.



Article Content

Development of Cross-Border Optical Fibre Network

Optical fibre network: development of an optical fibre network in the entire investment region of the Three Seas Investment Fund to achieve cross-border connectivity services throughout the region,

Putting transparent fibre-optic cables to the test | Invest in Latvia

Putting transparent fibre-optic cables to the test Tet has started testing a transparent fibre-optic cable – one of the world's newest fibre-optic internet technologies. The next steps in the

Digital connectivity in Latvia

Main measures and financial instruments for digital connectivity development

Regulation measures: Regulations of the Cabinet of Ministers ensure the possibility to intervene in common projects with

Investments double in Latvia-based smart materials and

Lightguide boasts the world's leading optical fiber production lab and provides ~70% of all fiber optic instruments used in urology and Baltic Scientific

Latvian TV operator's submarine cable damaged in

Early Sunday morning, an underwater fiber-optic cable of the Latvian State Radio and Television Center (LVRTC) was damaged in the Baltic Sea. —

Fibre to the Home network roll-out by Tet, Latvia

In 2009, Tet started its investments in developing an optical fibre-to-the-home network. The aim of the project is universal FTTP coverage for most multi-story buildings nationwide as well

Ardlat: Pioneering Fiber Optic Drone Innovation Across Europe

SIA Ardlat has concluded on May 12, 2025, Agreement No. 4.6-5.1-L-2025/21 with the Investment and Development Agency of Latvia (LIAA) for receiving support under the European Union's European

Fiber Optic Solutions & Custom Assemblies | CeramOptec

Need a Custom Fiber Assembly? We're here to help! From specialized fiber cables to tailored fiber optic assemblies for medical or industrial applications, our experts provide practical solutions. We look

Optical Fiber Cable Damaged Between Latvia and

On January 26, the undersea optical fiber cable operated by the Latvian State Radio and Television Center (LVRTC) was reported damaged in the Baltic Sea

Nokia and Tet lead the way to 20Gbps connectivity in Latvia

Today Nokia and Tet announced that they have successfully trialled 25G PON technology, making them the first to demonstrate symmetric speeds of 20 Gbps in Latvia.

Fiber Atlantic

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable routes, landing stations, system status

Undersea cable between Latvia and Sweden damaged

On Sunday morning, an undersea fiber-optic cable belonging to the Latvian State Radio and Television Center (LVRTC) was damaged in the Baltic

indie and Fiber Optical Solutions Present a High

Yuri Korkishko, CEO Fiber Optical Solutions, presented a series of new single-axis fiber optic gyroscopes (FOGs) and inertial measurement units

indie and Fiber Optical Solutions Present a High-Precision Inertial ...

Yuri Korkishko, CEO Fiber Optical Solutions, presented a series of new single-axis fiber optic gyroscopes (FOGs) and inertial measurement units (IMUs) for navigation systems. The new

Latvia's fibre rollout and mobile network shake-ups in 2025

Over the past decade, operators prioritised new fibre rollout, resulting in fibre accounting for over 63% of all broadband connections in the first half of 2025.

Now that there's a Baltic Data Highway, when will we

Photo credit: Data Logistics Center In January, Estonia, Latvia and Lithuania finished the five-year construction of the Baltic Highway – a broadband backbone

Broadband

Services with improved data transmission parameters using broadband access networks that consist entirely or partly of optical fiber elements and provide a data transmission speed of at least 30 Mbit/s

Broadband

As part of the European Union-funded project “Improving the Availability of Electronic Communications Infrastructure in Rural Areas”, LVRTC has built a middle-mile optical network. The network

Info regio

Thanks to this EU-funded project, high-speed internet was delivered to around 190 000 people in rural areas by laying 1 813 km of fibre optic cable. Latvia now provides more equal access to high-speed

Internet

Internet and Television In Latvia Balticom provides the most modern television, both digital and interactive, for residents of Latvia. Among 105 channels, as many as 78 in HD quality. Our masters

Fiber-optic cable between Latvia and Sweden

An underwater fiber-optic cable belonging to the Latvian State Radio and Television Broadcasting Center (LVRTC) was significantly damaged on Jan.

Counter-UAS 101 – Acoustic Drone Detection

Recent developments in Enhanced Fiber-Optic Acoustic Sensors (FOAS) address this gap using specialized fiber segments wound around compliant mandrels or

Directory

“Fiber Optical Solution” is vertically integrated company specializing in high precision Fiber Optic Gyroscopes (FOG) production. The company has a

FOS | Fiber Optical Solutions

“Fiber Optical Solution” is vertically integrated company specializing in high precision Fiber Optic Gyroscopes (FOG) production. The company has a unique

Sweden opens sabotage probe into Baltic undersea

An undersea fibre optic cable between Latvia and Sweden was damaged on Sunday, likely as a result of external influence, Latvia said,

Lease of optical fibers

Lease of optical fibers Our fiber optic lease services include fiber optic connections between any sites of your choice. The service offers the freedom to choose any data transmission technology, network

Internet and TV provider in Riga – Balticom

Balticom team works every day to ensure that as many people as possible will have access to high-speed optical Internet, a large list of channels and a reliable home telephone. We take an honorable

Discover BOTVO ENTERPRISE: Latvia's Top Utility Experts

BOTVO ENTERPRISE offers top-notch infrastructure and utility solutions in Latvia, ensuring efficiency and reliability. Discover our expert services today.

New routes

We are constructing a fully diverse, high-capacity route between Helsinki and Warsaw, creating a resilient ring for traffic between Sweden, Finland, Poland, Estonia, Latvia and Lithuania.

Baltic undersea cable likely damaged by external force, Latvia says

An undersea fiber optic cable between Latvia and Sweden was damaged on Sunday, likely as a result of external influence, Latvia said, triggering an investigation by local and NATO

Fibre optics company plans new investments in Latvia

The fibre optic manufacturer Light Guide Optics International (Lightguide) is planning to invest EUR 33 million in a new factory in Livani in

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.dknconsulting.co.za>

Email: info@dknconsulting.co.za

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

