PrismaFlow™
Pipeline Response-ability at Scale

PrismaFlow™ keeps your pipelines up and running, monitoring transportation pipe assets. Leak detection and intrusion discovery without the nuisance of false alarms.

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The oil and gas pipeline transmission system is the backbone of the energy ecosystem.

Transmission operators need to deal with damages to their assets from planned or unplanned work, theft, and of course, the fear of leaks.

PrismaFlow, keeping your pipeline safe and flowing

PrismaFlow enables transmission operators to accurately monitor vast lengths of oil and gas pipelines for hundreds and thousands of kilometers.

No extra sensors needed, fast time to effectiveness

PrismaFlow is effective within hours – no need to install extra sensors on pipelines or substations. An easy deployment, utilizing the existing optical fiber network deployed with the transmission pipeline. The optical fiber is turned within hours into a set of highly sensitive distributed sensors extending for hundreds and thousands of kilometers.

Accurately monitor with the power of machine learning

PrismaFlow's machine learning algorithms take the detailed data collected on the pipeline to detect events, pinpointing them down to meter accuracy in real-time. PrismaFlow identifies safety events such as product leaks, maintenance, digging and all sorts of 3rd party intrusion.

Cost effective with an Innovative business model

PrismaFlow presents a significant cost reduction in pipeline monitoring. Installing in a plug-and-play mode without additional sensors reduces deployment and maintenance costs.

PrismaFlow offers an innovative service model, pay-as-you-grow, as well as a more traditional ownership model. No upfront payment is required, and with a monthly service fee, you can start small and grow in time.

PrismaFlow is a monitoring solution that is always there, 24x7, anywhere, anytime, and in any weather. It is your response-ability at the pipeline scale.
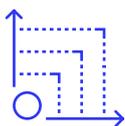
Scalable
Monitoring thousands of km, scaling as needed

Effective
Fast deployment, without any sensors, effective within hours

Accurate
Pinpoints events to exact location without false alarms

Insightful
Offers real-time alerts and actionable insights

**Distributed**
Measure at any point along the asset, 24x7

Economical
An innovative pay-as-you-grow service model

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PrismaFlow™ use cases

Heavy Vehicle

Manual Digging

Mechanical Digging

Individual Pedestrian

Suspicious Activities

Group of Pedestrians

Drone Above the Pipeline

Light Vehicle

Inline Inspection Tracking (PIG)

Leakage

Fibre-optic Cable
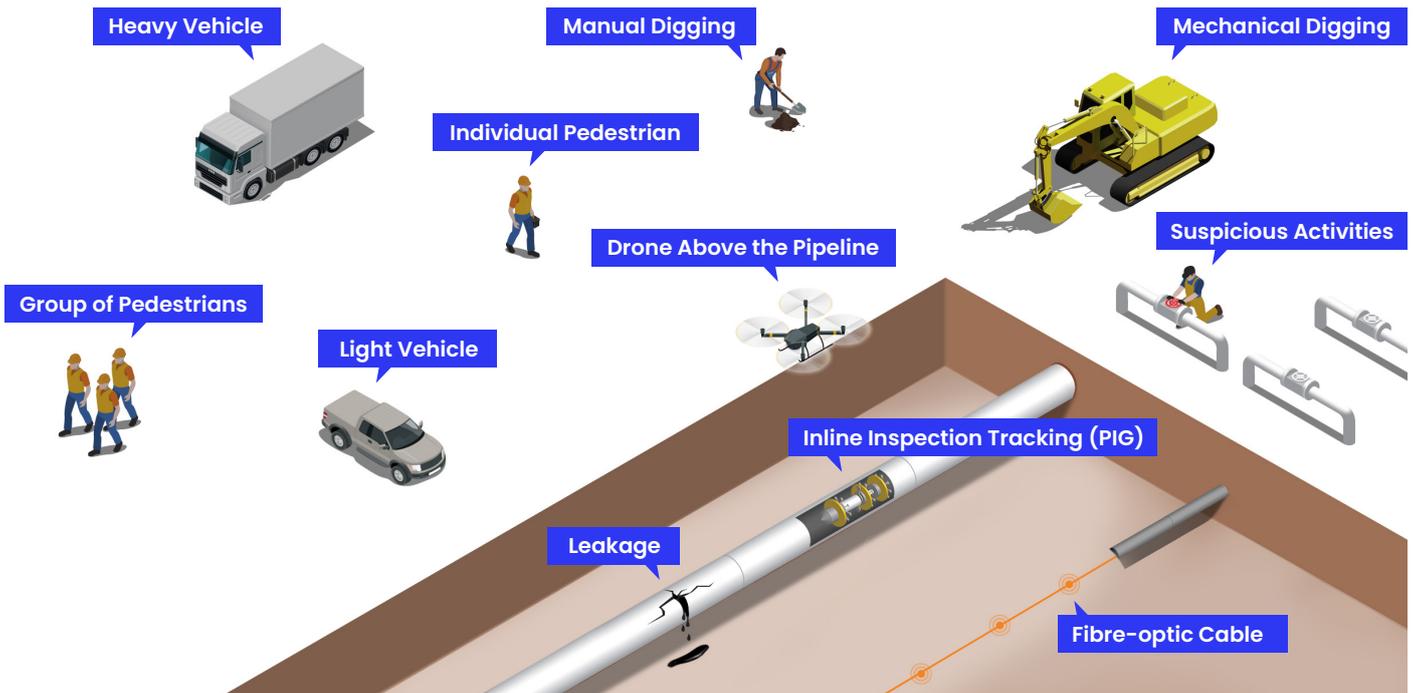
PrismaFlow™ gives you response-ability at scale.

Monitoring every point on your assets, always, everywhere and in any condition.
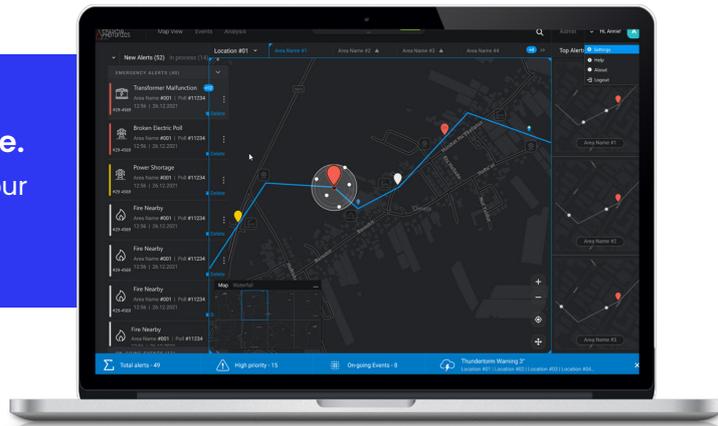
About Prisma Photonics

Prisma Photonics helps to keep the most critical large-scale infrastructure up & running. Introducing a quantum leap in utility monitoring for smarter, safer, and more efficient operations in power, oil&gas, subsea, rail, and more. We enable our customers to take responsibility for their assets with real-time actionable insights. Featuring an innovative pay-as-you-grow model, we combine pioneering Hyper-Scan Fiber Sensing™ technology with machine learning responding to safety, efficiency, and security scenarios.

Founded in 2017 by an expert team with a proven track record of building and scaling companies in the lasers and deep-tech domain – Prisma Photonics enables response-ability at scale.

For more information, please visit: **http://www.prismaphotonics.com** or email: **info@prismaphotonics.com**.

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Contact Prisma Photonics to make your grid safer, more reliable and better:

info@prismaphotonics.com