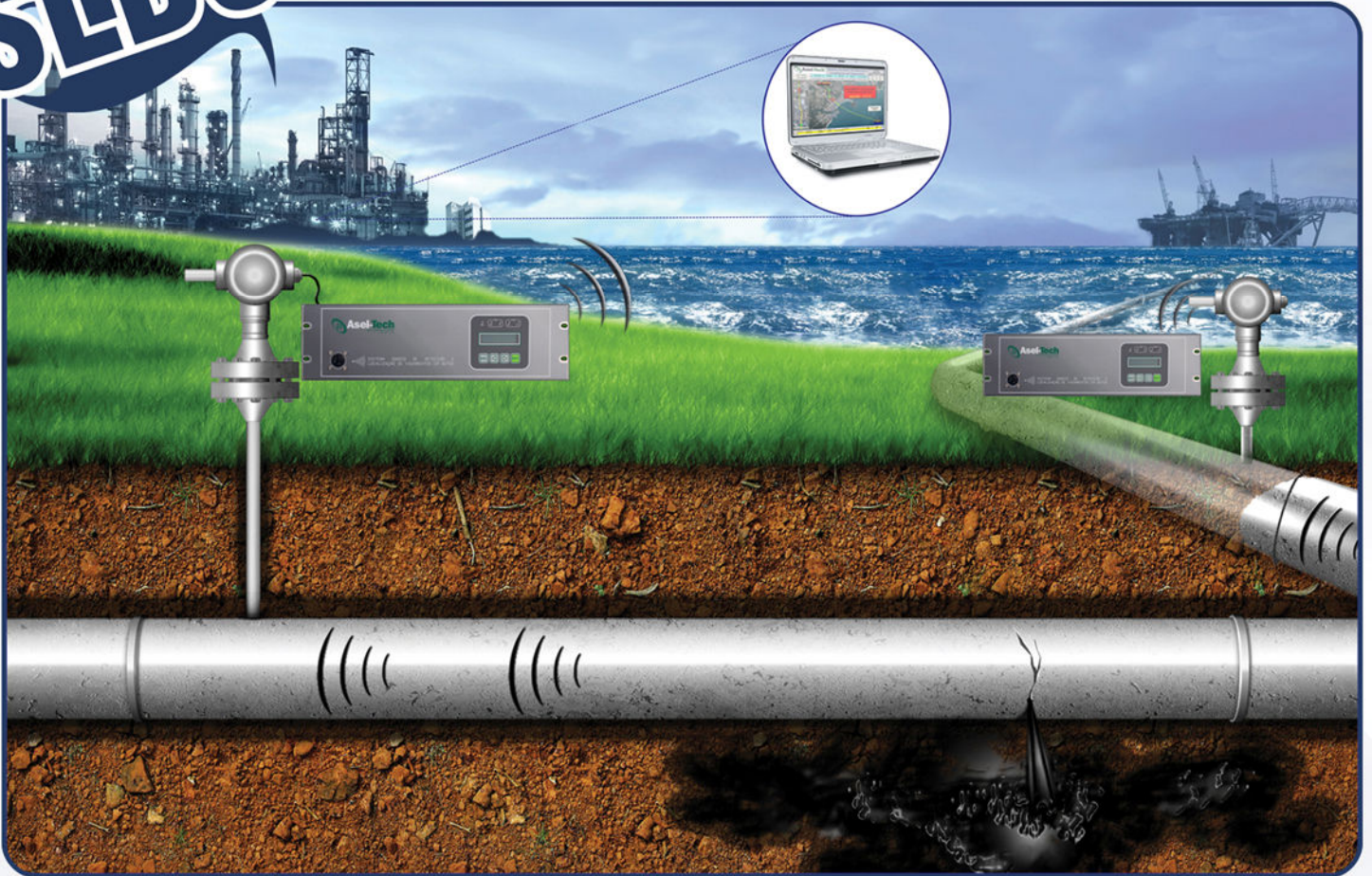


PIPELINE SONIC LEAK DETECTION SYSTEM

SLDS



**LEAK DETECTION IN 15 SEC WITH
VERY ACCURATE LEAK LOCATION**

 **Asel-Tech**

THE WORLD'S FASTEST, MOST EFFICIENT AND MOST ACCURATE SYSTEM FOR DETECTING AND LOCATING LEAKS IN PIPELINES.

Asel-Tech SLDS: DETECTS LEAKS IN SECONDS AND LOCATES THE POINT TO WITHIN A FEW METERS

Leaks in oil, natural gas, LPG, gasoline and other product pipelines always have tragic consequences! All over the world, the cost of remedying this problem is getting higher and higher for all pipeline owners. The best leak detection technology can help the fluid transporter to save millions of dollars by preventing loss of product and environment damage, and by preserving the company's image.

Asel-Tech has reached the "state-of-the-art" in pipeline leak detection through the use of the most advanced technology, which has been developed in the only laboratory in the world specifically built for this purpose! After experimenting for many years with pipelines transporting different fluids at dozens of installations, the scientists and engineers of Asel-Tech have made an extremely robust, reliable LEAK DETECTION AND LOCATION SYSTEM - SLDS available.

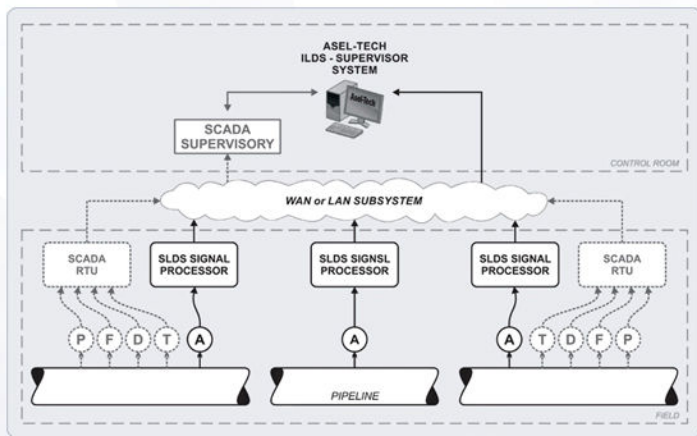
- **Detects a leak in seconds**, alerting the operator in the control room, via a user-friendly, easy-to-understand screen which doesn't need to be "interpreted";
- **Locates the leak** to within a few meters, in both underground and underwater pipelines;
- Detects very small leaks, indentifying leak volumes less than 1% of the pipeline throughput;
- Doesn't lose the leak signal, due to its configuration, technology and sensitivity;
- It's immune to false alarms;
- **Detects a leak even if the pipeline is blocked**, because it doesn't depend on flow;
- Enables detection and location of PRE-EXISTING holes that have been drilled into pipelines to steal product;
- It's the lowest-cost product in the market;
- Does not require teams of specialist technicians to tune it. Once commissioned, it runs on its own.

Asel-Tech sonic technology combines Artificial Intelligence, Neural Networks, Acoustics and Imaging to provide a unique reliable leak detection and location system that will protect your pipelines. The spurious noise filtering technique, which uses a database put together over recent years, means that SLDS performance is incomparable and guaranteed against false alarms. Whether the leaks are caused by corrosion, third-party interference in the

pipeline, or product theft. Asel-Tech SLDS technology provides unequalled protection for your company's assets, the environment, the flora and fauna and human life.

LEAK STATISTICS	
CAUSE	%
External damage	58%
Material Failure	18%
Corrosion	15%
Construction failure	6%
Others	3%

The SLDS hardware has been built to strictest manufacturing standards, with an ISO 9001 certificated management system. Using latest generation components such as RISC processors, the most modern acoustic sensors and top-quality communications systems, SLDS is immune to failure, guaranteeing the safety of your pipeline 24 hours a day, 365 days a year.



Asel-Tech ILDS Representation

Asel-Tech is the only company in the world that can supply you with the **ILDS - Integrated Leak Detection System**, a combined SONIC TECHNOLOGY + MASS BALANCE (RTM) solution, combining all the unbeatable qualities of SONIC technology with the technological resources brought about by mathematical modeling of leaks, enabling the capacity to separate phases, check for column breakage and find out the volume that has leaked out in the event of an accident, to be added to the SLDS's benefits.



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