

## Company Profile

AP Sensing GmbH, located at Herrenberger Strasse 130 in Boeblingen, Germany, is responsible for **sales, marketing and product development of DTS and DAS products.**

We are your **global solution provider** for the **DTS** (Distributed Temperature Sensing) and **DAS** (Distributed Acoustic Sensing) markets. The heart of our solution – based on 25 years of experience as the leader in optical test – is **a unique and proven solution for precise, around the clock temperature and/or vibration monitoring.**

A passive optical fiber is the sensor, and lets you monitor precise temperature and acoustic profiles along the fiber – **in environments where other solutions are unable to deliver the performance you need.**

AP Sensing DTS products and solutions address different markets in fire detection, power cable monitoring, oil & gas exploration, LNG and pipeline monitoring, rail monitoring, and perimeter. Our key strategy is to offer **cutting edge DTS/DAS technology and application solutions for excellent value, including comprehensive service and training.**

We work with **established regional partners around the globe** – their local competence ensures that all details of a complex project are planned for in advance and **executed on time and within budget.** Take advantage of a broad network of optical and system management expertise, and enjoy the peace of mind that comes with reliable asset protection.

AP Sensing's products comply with internationally recognized standards and are manufactured under control of ISO 9001:2019.

# AP Sensing's Key Markets (1/4)



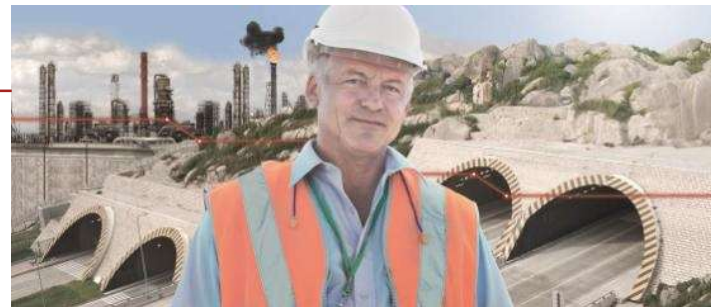
## Power Cable Monitoring

Transmission and distribution cables  
HVDC / HVAC cables; joints and terminations  
Tunnels, trenches, subsea, and overhead lines

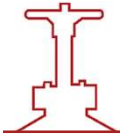


## Fire Detection / Special Hazard

Tunnels; Conveyor belts  
Cable trays; Bus ducts  
Production areas  
Any special hazard application

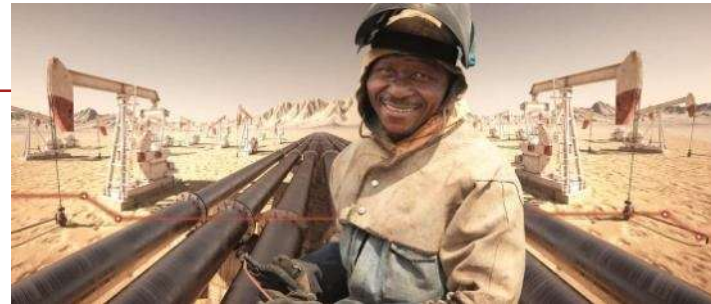


# AP Sensing's Key Markets (2/4)



## Pipeline Monitoring

- Gas and liquid pipelines
- Heated lines like sulfur pipelines
- Cryogenic pipes transporting LNG or LPG
- CCS facilities
- Buried pipelines to guard against TPI and accidents



## LNG Monitoring

- Pipeline leakage
- Regasification and liquefaction
- Tank annulus and base slab
- Spill containment control



# AP Sensing's Key Markets (3/4)



## Well & Reservoir Monitoring

Production and injection wells  
Steam flood management  
Completion integrity / Horizontal well profiles  
Artificial lift monitoring / Optimization



## Geo- and Hydrological

Hydrological monitoring and analysis  
Geothermal response tests  
Water dams and dykes  
Leakage detection – geo-techniques



# AP Sensing's Key Markets (4/4)



## Rail Monitoring

- Train tracking
- Asset condition monitoring
- Cable theft and intrusion detection
- Personnel, animals and objects on track detection



## Perimeter / Intrusion Detection

- Perimeter intrusion detection and localization
- Protection of airports, power plants, military installations
- Fence approach and tampering detection

