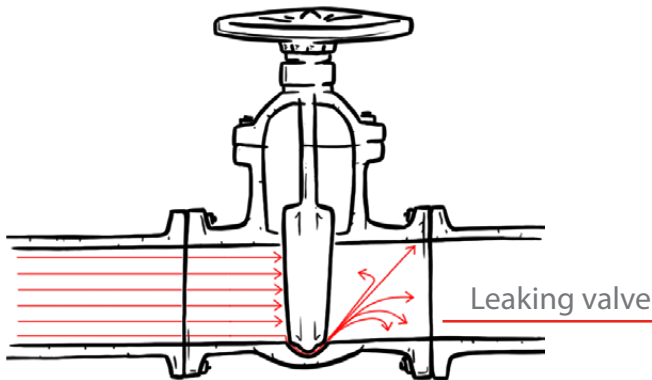


# VALVE INSPECTION

in hazardous areas



## The Problem

Leaking valves in industry can lead to:

- Losses (energy, steam, pressurized air, scrap, product)
- Risk of injury
- Contamination

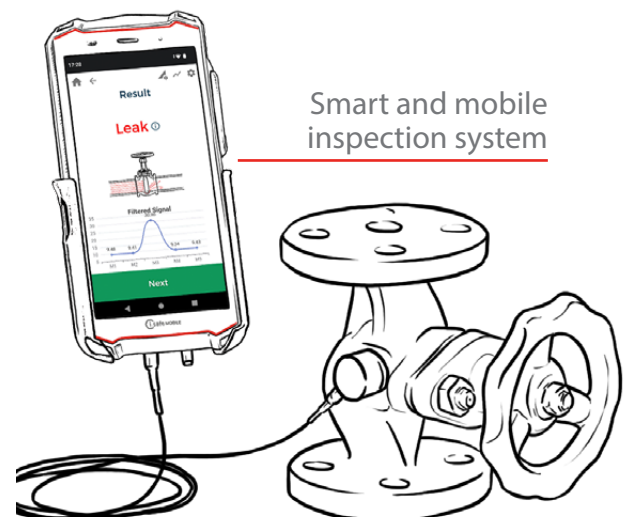
Currently valves are mostly removed and tested on a test bench →

This is time consuming and causes downtime

**Valves are therefore rarely inspected and leaks remain unnoticed for a long time**

## Our Solution

- A smart and mobile inspection system for leak detection in valves
- Valve inspection while process is in operation
- Automated results immediately on site
- All inspection data structurally stored in a platform



**Improve efficiency and save time & costs**

# VALVE SENSE

Valve leak detection in hazardous areas



Valve Sense

## Acoustic emission meets digitalization

AE sensors are connected with the i.safe MOBILE IS540.1 smartphone for Zone 1/21. Equipped with the Senseven App and supported by artificial intelligence

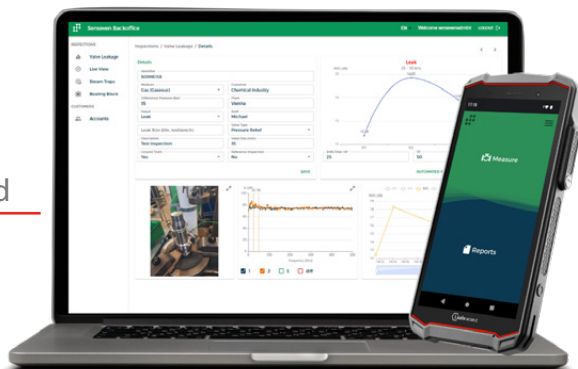
## No expert knowledge necessary due to automatic leak detection

Software-guided inspection process with immediate results on site thanks to algorithms and AI



Software-guided inspection process

All data structurally stored



## Automatic data synchronization

All inspection data is automatically stored in our cloud platform for further analysis and easy reporting