



# MODULAR MULTI-SENSOR MONITORING FOR OPTIMIZED MAINTENANCE

Advanced SHM solutions to extend service life, reduce costs, and enhance safety in the chemical industry

[texplor.com/multi-sensor-shm](http://texplor.com/multi-sensor-shm)



## REDUCE RISKS, SAVE COSTS WITH MAXIMUM CONTROL

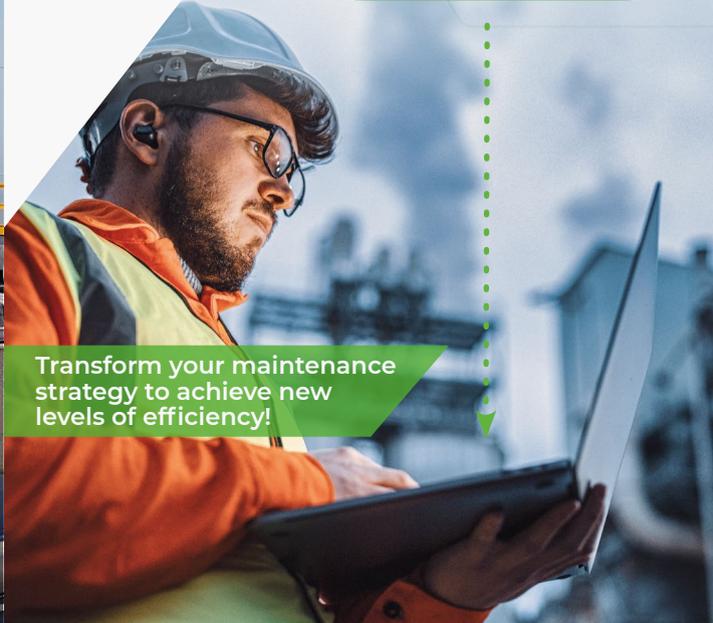
Our advanced multi-sensor SHM system empowers you to proactively address issues, minimize risks and maximize cost savings.

### PROACTIVE ENVIRONMENTAL PROTECTION

- › Instantly detect potential issues
- › Permanent status of the object condition
- › Duty of care by 24/7 monitoring

### COST SAVINGS

- › Optimize maintenance schedules
- › Minimize costly downtime
- › Extend service life



Transform your maintenance strategy to achieve new levels of efficiency!

## MODULAR, STAND-ALONE OR NETWORK SYSTEM – TAILORED TO YOUR NEEDS

Various industries worldwide: chemical industry, power plants, mining, wastewater management

### LEAKAGE

Integrity monitoring of all types of containment and sealing systems

### CORROSION

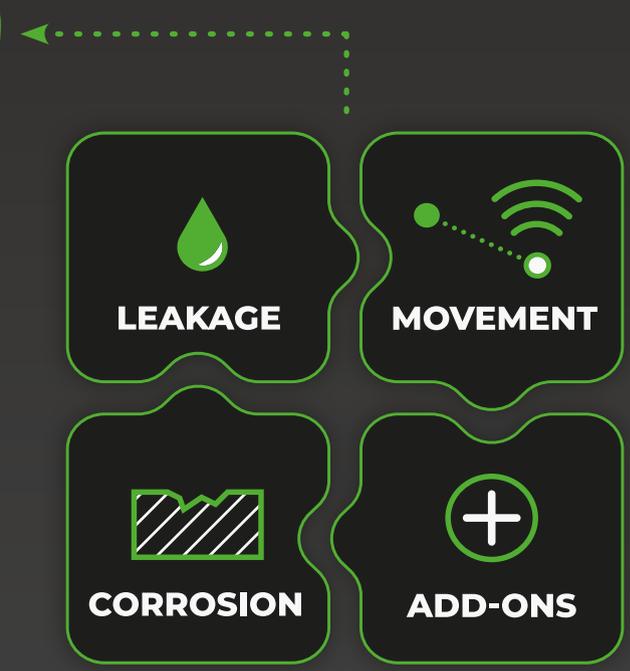
Quality control of reinforced concrete

### MOVEMENT

Detection of settlements and inclinations with millimeter precision

### ADD-ONS

Integration of additional sensors



## WE DETECT. WE PROTECT. LET'S CONNECT!

Discover the advantages of data-driven decision-making with Texplor's multi-sensor SHM solutions—where reliability meets innovation, and the future of asset management begins.



**CONTACT US:**  
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Discover more at  
[texplor.com/multi-sensor-shm](http://texplor.com/multi-sensor-shm)

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# EXTEND SERVICE LIFE, MINIMIZE DOWNTIME – WITH BIG DATA MONITORING

Data-driven decisions enable optimized maintenance and proactive environmental protection.

- Multi-sensor technology in a unified network
- Approved reports for TÜV and insurance
- Suitable for new and existing infrastructure



Various successful installations at Dow Chemical since 2020

TÜV-Nord approved systems and reports



# TEX Sky

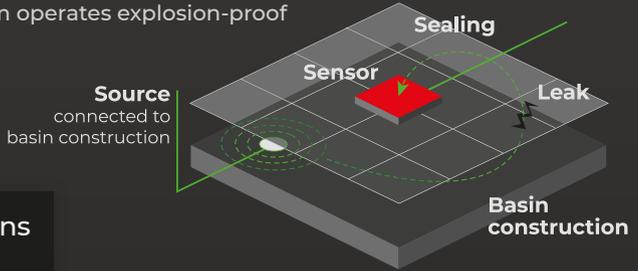
Monitoring Cloud

- 24/7 facility-wide monitoring
- Time-synchronized database
- Big data SHM management with evaluations and analytics
- Instant alarms

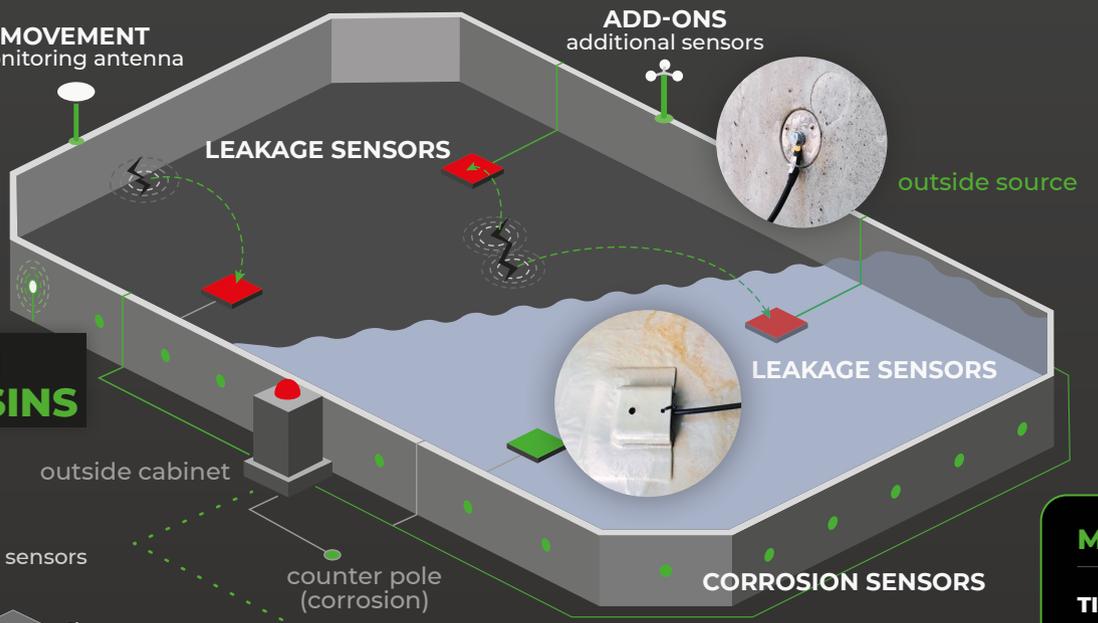
## MULTI-SENSOR SHM FOR CONCRETE BASINS

### LEAK MONITORING PRINCIPLE

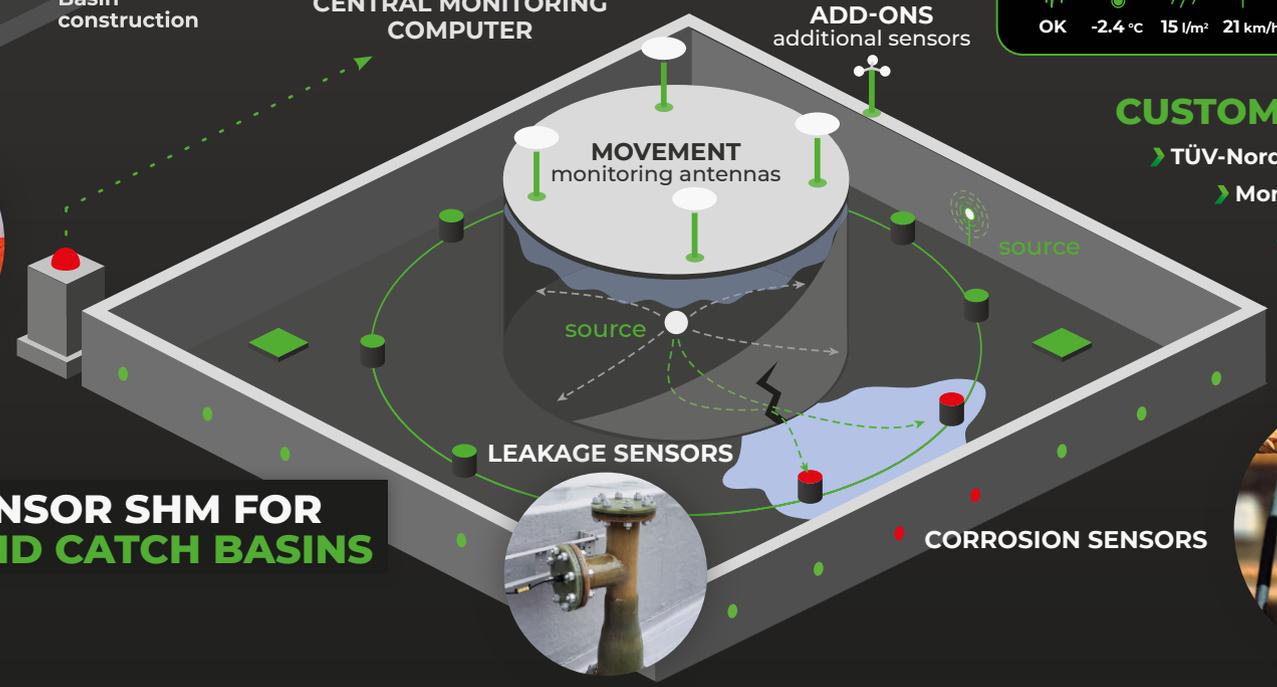
- Electrical source → leak → electrical flow to sensors
- Leak localization within the sensor grid
- System operates explosion-proof



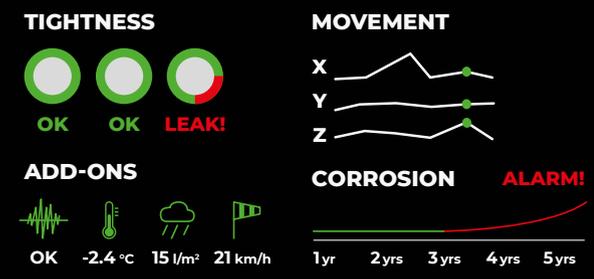
## MULTI-SENSOR SHM FOR TANKS AND CATCH BASINS



outside cabinet



### MONITORING REPORT



### CUSTOMIZED REPORTS

- TÜV-Nord approved documentation
- Monthly system check
- Yearly final report

