



LEAK MONITORING AND ASSET PROTECTION FOR CONTAINMENT SYSTEMS

Superior risk management to protect the environment and safeguard valuable resources.

texplor.com/leak-monitoring

WORLDWIDE CUSTOMER SUCCESS

Over 35 installations worldwide, each tailored to the needs of our customers

PIONEERING TECHNOLOGIES TO MAKE YOUR PROJECTS THRIVE!



WE DETECT. WE PROTECT. LET'S CONNECT!

Our **advanced monitoring technologies** and **SHM solutions** set **new standards** in environmental protection and efficiency. With our local partners we ensure **reliable local service and maintenance** to keep your systems performing at their best.

› Ash storage pond

Xingfeng
Guangzhou, China
49.000 m²



› Mining facility

Sierra Gorda, Chile,
7 basins,
144.000 m²



› Concrete Basin

Stade, Germany
2 basins, 8.000 m²



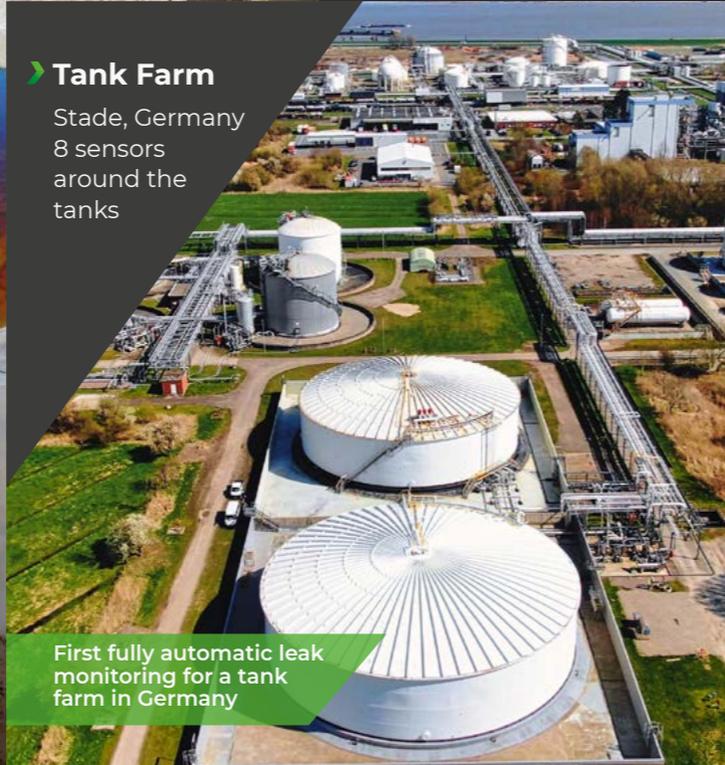
› Coal storage

Eemshaven,
Netherlands,
172.000 m²



› Tank Farm

Stade, Germany
8 sensors
around the
tanks



› Landfill plant

Shibaoshan,
China,
110.000 m²



First fully automatic leak monitoring for a tank farm in Germany

MSS® central computer unit measures continuously and alerts in real-time.



CONTACT US:
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CALL US:
+49 160 660 33 81

Discover more at
texplor.com/leak-monitoring

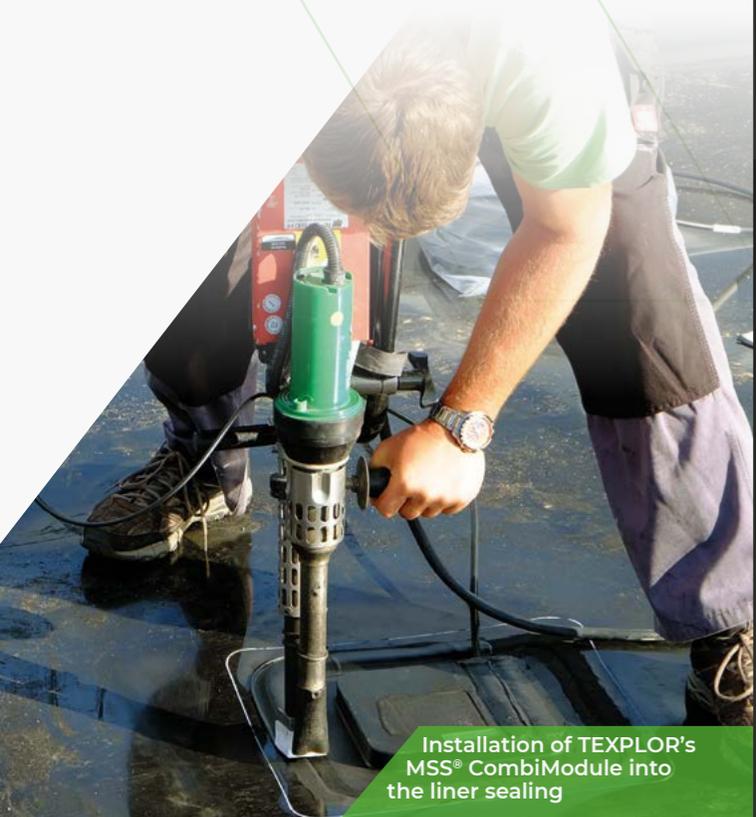
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HIGHEST ENVIRONMENTAL PROTECTION WHERE LEAKS ARE NOT AN OPTION

- 24/7 automated leak monitoring
- Stand-alone or networked system
- Easy integration into existing infrastructure

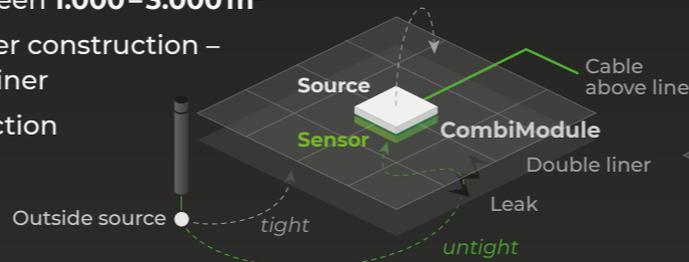
EXTEND SERVICE LIFE – MAXIMIZE PROFITS



Installation of TEXPLOR's MSS® CombiModule into the liner sealing

ADVANCED MSS® LEAK DETECTION TECHNOLOGY SMART, RELIABLE AND NETWORKED

- Sensors and cables certified for 100 years, pH 1–14 resistant, withstand pressures > 10 MPa
- Each sensor covers between 1.000–3.000 m²
- Fast installation after liner construction – all cables laid above the liner
- ISO 9001 certified production

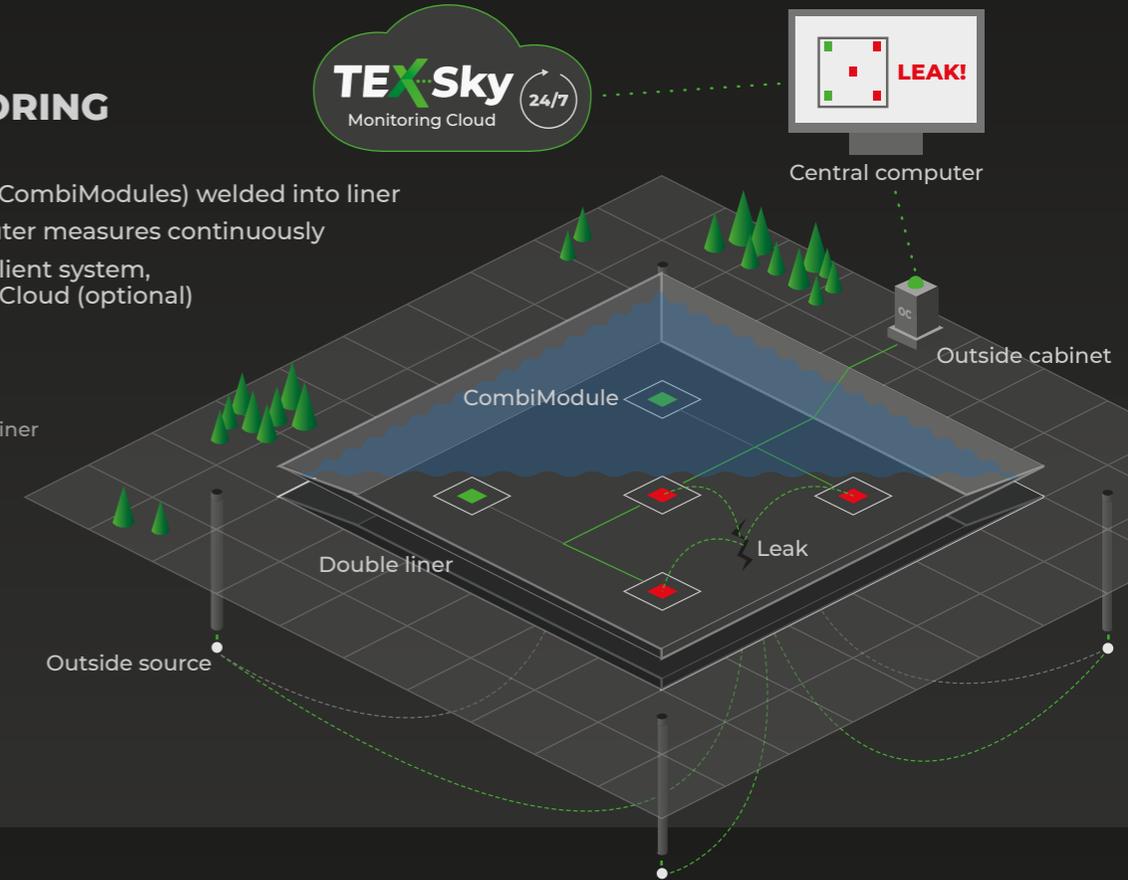


LEAK MEASURING PRINCIPLE

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

LEAK MONITORING FOR LINERS

- Leak Sensors (MSS® CombiModules) welded into liner
- MSS® central computer measures continuously
- Real-time alerts to client system, TEX-Sky Monitoring Cloud (optional)



AUTOMATIC LEAK ALARM

Early detection of leak areas to protect the stored resources and the environment



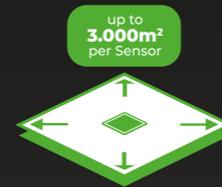
FAST INSTALLATION AFTER LINER CONSTRUCTION

In most cases within a week, all cables are laid above the liner



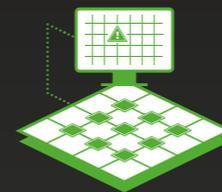
SENSORS AND CABLES CERTIFIED FOR 100 YEARS

No load limit, resistant to pH 1–14



SENSORS COVER LARGE AREAS

Per sensor between 1.000–3.000 m² of liner surface.



LEAK LOCALIZATION

Detection of damaged areas enables fast & targeted repair works



SERVICE AND MAINTENANCE

Regular remote support within the framework of a service contract

TEX Sky

Monitoring Cloud

- 24/7 facility-wide monitoring
- Customized reports
- Long-term SHM data management
- Real-time alerts

TÜVNORD

TÜV-Nord approved systems and reports