Aboveground storage tanks are designed and manufactured in many different variations for the safe storage of a wide range of liquids. Regular inspections of these tanks are required for a number of reasons, protecting the environment from the usually hazardous contents being one of the most important drivers. We offer in service inspections of storage tanks containing for instance lube oil, silicone, glycol, water, acetone, benzene, methanol and gasoline.

We offer services in the Oil and Gas industry with skilled engineers, a global reach and the best available equipment. This is our guarantee for the high quality and safe inspection solution you can trust.
PROTECTING THE ENVIRONMENT FROM HAZARDOUS CONTENTS
For over 30 years we offer services in the Oil and Gas industry with skilled engineers, a global reach and the best available equipment. This is our guarantee for the high quality and safe inspection solution you can trust.

Legislation

The robotic system is efficient and cost-effective while it:

- Eliminates the high cost of tank downtime
- Does away with the need for temporary storage
- Saves you the cost of cleaning
- Minimizes waste disposal costs
- Cuts inspection time to days instead of weeks
- Avoids disruptions in plant operations, keeping revenue constant
- Reduces environmental risks such as spills and VOC emission
- Improves safety by eliminating confined space entry and personnel exposure to hazardous chemicals
Great accuracy
The patented acoustic navigation system equipped with navigation pingers on the robot and navigation transducers on the tank shell is used to pinpoint the robot’s location. Using onboard UT transducers. These are developed with years of knowledge and expertise from our pipeline inspection services. The robot follows a predetermined digital inspection grid and can collect millions of ultrasonic scans of the tank bottom for subsequent computerized data analysis.

The robot is equipped with an onboard sonar system to detect objects in the tanks. When operating in clear liquids, we will equip the robot with HD cameras. The accurate navigation allows us to reproduce our inspections in the future to determine corrosion rates with great accuracy. Our robots can maneuver in tanks containing sludge deposits of up to 30 centimeters (12 inches) in depth. We can also equip our robot with cleaning systems using spray nozzles and brushes. This will combine cleaning the sludge and simultaneously inspect the tank floor. This enhances safety and reduces costs.

Safe and cost-effective
Inspections involving man-entry in the tank introduce safety and environmental risks, moreover traditional tank bottom inspection technologies require tanks to be out of service during inspection. Tanks must be decommissioned, cleaned, degassed and ventilated – all of which introduce significant costs for owners. By using the our robot, the tank bottom inspection takes significantly less time, and is safer and more cost-effective.

Benefits
• No downtime, no out-of-service lost revenue
• API and EEMUA certified inspection
• Emissions caused by taking the tank out of service (cleaning) are eliminated
• Tanks tied directly to process operations do not require unit shutdown/slowdown
• No Product Transfer / backup tank
• No Waste disposal
• No personnel enter into confined space, much safer service method
• Shorter execution times for crew on site
• Carbon credits (it is a green method)