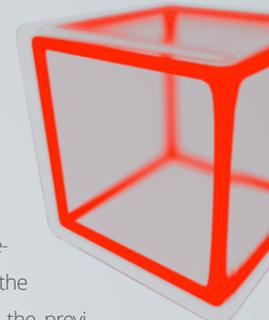


the spotOn range

spotOn is a range of permanently-installed real-time corrosion monitoring systems designed to operate in most environments and locations, such as below ground and subsea.

A³ Monitoring is a firm dedicated to providing innovative solutions in the fields of Non-Intrusive Inspection (NII) and Structural Health Monitoring (SHM).



spotOn is the range of NII and SHM products designed and developed by A³. By addressing the practical issues encountered with the previous generations of technologies, A³ has developed a very flexible set of tools that can be deployed on painted, insulated, buried and submerged pipes. The spotOn range complements many existing technologies that A³ is also offering and implementing.

Our mission is not to just offer a solution, but to **always offer the best possible monitoring solution!**

spotOn U

spotOn U provides real-time pipe wall thickness and temperature data to identify corrosion trends and correlate them to process changes.

spotOn AE

spotOn AE provides real-time acoustic emission information for the detection of SCC, pipe leaks and unauthorised or illegal connections. Utilises AE sensors developed by Vallen Systeme GmbH.

spotOn CP

spotOn CP monitors the cathodic protection *Eon* and *Eoff* voltages in real-time, providing information to help identify coating failures as well as unauthorised or illegal connections.

spotOn LR

spotOn LR leverages on an innovative patented technology to provide real-time threat identification information for pipes that are very difficult or expensive to access.

spotOn U+CP

This is the combination of spotOn U and spotOn CP for great added value in your asset monitoring strategy.

spotOn AE+CP

This is the combination of spotOn AE and spotOn CP. It has been developed as a specialist product to identify thefts and illegal connections.

spotOn data is automatically routed to the shieldCube portal or to a dedicated server on the client's site

spotOn sensors enable the identification of many different corrosion threats in real time

high-value petrochemical assets must be safeguarded from corrosion threats

spotOn U

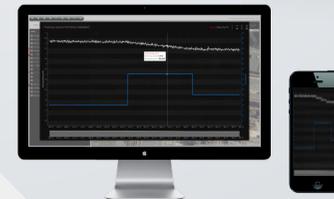
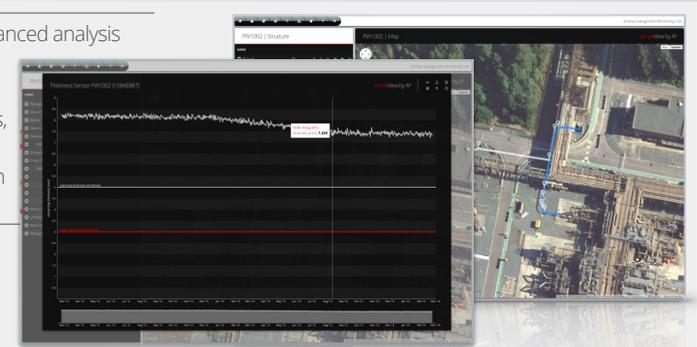
spotOn AE

spotOn V

spotOn LR



shieldCube provides advanced analysis tools with customisable alarm threshold, as well as localisation capabilities, enabling to identify precisely where corrosion threats develop



spotOn data can be accessed from the client's desk or from mobile devices such as tablets and smartphones

spotOn sensors can be remotely controlled to maximise battery life and the likelihood of threat detection

spotOn sensors connect wirelessly utilising GSM, UMTS, LTE, Iridium and other proprietary wired or wireless networks to provide data in real time to the client's desk; optionally, an intrinsically safe data logger can be provided for manual data collection