

Non-Intrusive Corrosion & Condition Monitoring Systems

PMAC are pleased to announce the launch of a strategic partnership with London based A³ Monitoring. A³ Monitoring is a consulting and manufacturing company that provides innovative solutions in the fields of Non-Intrusive Inspection and Structural Health Monitoring. The partnership will see PMAC Systems become the sole UK agent for A³'s range of smart integrity monitoring instruments and systems.

SpotOn is the name of a series of products developed by A³ Monitoring, which have been successfully deployed across the oil, gas and petrochemical industries. Addressing several of the practical and safety issues encountered using previous generations of monitoring technologies, A³ Monitoring has developed flexible tools that can be deployed on painted, insulated, buried, partial immersed and underwater systems. Unlike a number of other manufacturers somewhat limited single purpose integrity monitoring tools, the portfolio of technologies developed by A³ Monitoring is a complementing series of technologies, capable of delivering:

- **Wall thickness data**
- **Long Range UT / Guided Wave corrosion & degradation assessment**
- **Acoustic Emission crack & leak detection**
- **Cathodic Protection monitoring**

Real time data from the entire range of instruments is seamlessly routed to the powerful **shieldCube** portal from anywhere in the world via satellite communication (Wi-Fi & GSM also available). shieldCube provides advanced analysis tools with customisable alarm thresholds, as well as localisation capabilities. All data can be accessed from the client's desk or from mobile devices such as tablet and smartphones.

Full, no obligation demonstrations of the spotOn range of sensors are available upon request.

Process Measurement and Control Systems Limited (PMAC) was formed in 2000, offering Flow Assurance Services & Specialised Products to the Oil and Gas industry worldwide. PMAC covers a worldwide market and have gained a reputation for its innovative solutions, which include intrusive & non-intrusive corrosion monitoring services, cathodic protection and flooded member detection surveys of subsea pipelines & structures and laboratory/field technologies for scale, wax, corrosion and microbiology.

