

Omni-ID Selected by Saipem

January 26, 2010

Omni-ID, the leading supplier of high-performance passive UHF RFID tags, confirmed that Saipem, a worldwide leading provider of construction and subsea engineering services to the offshore oil and gas industry, selected the Omni-ID MaxTM passive RFID tag to efficiently and safely track its high-value metal assets. The Omni-ID and Saipem partnership, with support from integrator ACM-e SRL, brings the cost, productivity and tracking benefits of passive RFID technology to the offshore oil industry.



Saipem required a solution that could automate location tracking for its investment in large industrial equipment such as cranes and drilling rigs; ensure safety for Company personnel; and perform successfully in an environment surrounded by steel and saltwater. ATEX-compliant Omni-ID Max passive UHF RFID tags provide a solution for Saipem which meets all of these needs. With Omni-ID Max tags, Saipem can accurately track the location of valuable assets, saving time and money and also improving control of certificates for better insurance reporting purposes.

As a passive tag, the Omni-ID Max offers a standard read range of eight meters or more and a two meter read range with hand palm PC readers, all without the use of a battery. Most importantly, the tags can be read successfully even in offshore applications -- and eliminate the safety risk of personnel climbing huge oil pipes stacked in a facility to find an identification tag.

In addition to meeting Saipem's basic challenges, Omni-ID Max tags work on metal, plastic, or a combination of the two. Saipem needs to tag items such as floaters and buoys in addition to the vessels, cranes, pipes, and drilling equipment. Using a one-tag system for all equipment types enables greater cost savings and better productivity.

Omni-ID tags have also tested successfully in challenging environmental conditions. Saipem's bases around the globe can vary from -60° C to +50° C, and tags must work in all these conditions. Omni-ID tags have successfully been tested on large pipe stacks, a key component of future drilling projects, and can be used to monitor pipes using RFID from production until completion of the pipe-laying operations.

Omni-ID's established partnership with ACM-e played an integral part in the Saipem implementation becoming a reality. As a consulting company based out of Milan, Italy, ACM-e operates as a technical-engineering and managerial advisor in the field of maintenance engineering, logistics and other operations processes of business.

"The oil and gas industry has long been plagued as 'un-taggable' due to the presence of water and metal. However, at Omni-ID, we are driven to offer a passive RFID solution that has the ability to work in the harshest of environments -- even steel objects that live within large quantities of salt water," said Tom Pavela, President and CEO, Omni-ID. "Partnering with ACM-e and working with Saipem will enable greater visibility for RFID within this important market and will showcase how passive RFID is ready to meet the unique asset tracking challenges of the oil and gas industry."

"As a consulting leader in the area of logistics and maintenance engineering, ACM-e has its finger directly on the pulse of the EMEA oil and gas industry," said Mauro Bianchi, Director, ACM-e. "After identifying and understanding what Saipem needed to successfully move its business forward, we knew that Omni-ID was the perfect fit. We feel confident that this collaborative solution will mark a significant shift in not only how Saipem achieves success, but will demonstrate the future of inventory control capabilities for the entire oil and gas market."

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[Omni-ID - The Leader in RFID Tags for Asset Tracking](#)

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