



**Solid AT' SmartScan®25 sensors are now ATEX approved for intrinsically safe installation in hazardous area**

**Tel-Aviv, Israel, February 15, 2004** --- Solid Applied Technologies, Ltd. (Solid AT) a leading provider of ultrasonic and radar level measurement instruments, today announced that it has received the ATEX EEx ia IIC T4 approval for its entire 25KHz sensors product line.

The SmartScan®25 is considered as the first ultrasonic non-contact, two-part level measurement gauge in the industry that is applicable for use in potentially explosive atmospheres. Traditionally, two-part ultrasonic level measurement gauges work on high energy transmission and therefore can not follow intrinsically safe protection method. SmartScan®25 sensors work on relatively low energy transmission that support intrinsically safe limitations and therefore provides intrinsically safe solution that is most suitable for installation in hazardous areas with ranges of up to 25m (82ft).

The SmartScan®25 sophisticated software features are tailored-made to meet the specific needs of a broad range of field applications, delivering five SPDT relays for alarm setting in addition to advance calculations display of measurement results.



SmartScan®25 is an ultrasonic, non-contact gauging device for level measurement of solids, liquids and open channel flow. The ATEX approval was granted for the entire SmartScan™25 sensors range intended for use in potentially explosive atmospheres as per Directive 94/9/EC. Furthermore, the SmartScan®25 sensors now comply with the essential Health and Safety EEx ia IIC T4 requirements that represent the highly sensitive gas group (zone 0) and safe with two faults.

The ATEX approval enables Solid AT to supply safe level measurement solutions in areas in which explosive atmospheres caused by mixtures of air and gases, vapors or mists or by air mixtures are present continuously, for long periods or frequently. SmartScan® is equipped with a sophisticated tool that compensates for sound velocity changes in more than 33 different types of gasses. This tool enables SmartScan® to provide accurate measurement results in challenging atmospheres that are often present in many applications in the oil, petrochemical, wastewater and petroleum industries.



**About Solid Applied Technologies:**

Solid Applied Technologies designs, develops, manufactures, markets and services sophisticated level measurement and gauging systems. The Company is a world leader in ultrasonic level measurement systems for liquids and for solids, The Company's innovative ultrasonic, and radar technologies enable customers to achieve the accuracy and repeatability essential to remaining at the forefront of inventory and process tanks monitoring. Solid's extensive network of distribution and Private Label partners deliver its knowledge and expertise to customers the world over.

For more information please visit our web site at: [www.solidAT.com](http://www.solidAT.com)

Or contact:

Karina Rubinstein  
Marcomm manager  
Solid AT  
General line: +972 3 7101440  
Direct line: +972 3 7101408  
Fax: +972 3 7101405  
E mail: [k.rubinstein@solidgroup.com](mailto:k.rubinstein@solidgroup.com)

Solid Applied Technologies Ltd.  
Solid House- 48 Montefiore St. Tel-Aviv 65201, Israel  
Phone: 972-3-7101440 Fax: 972-3-7101405  
[www.solidAT.com](http://www.solidAT.com)