



**GP:50 NY LTD.**

## *APPLICATION NOTE*

### **BLUE TOOTH ENABLED SENSOR PROVIDES RELIABLE DATA**



#### **THE PROBLEM**

Oil field pipe line and valve pressure testing companies were experiencing repeated physical damage of cables and contamination due to the presence of hydraulic fluid in their test stands on their hardwired pressure transducers. This repeated contamination prohibited them from getting reliable, accurate data. It also required the operator to enter the test area where high volume pressures up to 25,000 PSI were present to resolve these issues during testing, this put the operator in an unsafe situation.

#### **THE SOLUTION**

By removing the cables and electrical connections fluid contamination would be eliminated as well as the cost of cables, connectors and the labor to run the cables. An easy to use, compact wireless solution was required and the GP:50 i-Ducer™ series was a perfect fit for this application.

The i-Ducer™ is a self-contained Bluetooth wireless pressure transducer that eliminated cables as well as the need for the operator to enter the unsafe pressurized area during testing. It provided the customer a reliable pressure reading while eliminating their repeated cable related issues.

Another benefit of these i-Ducer™ sensors is the ease of use setup and the ability to integrate into the current customer's data acquisition system.

For the latest product data sheet visit us at:

<http://downloadcentral.interfaceforce.co.uk/downloads/A5SL-031iDucer%20UK%20footer.pdf>

GP:50 NY Ltd, is an ISO9001 certified manufacturer and designer of reliable pressure sensors for the global oil & gas, automotive, aerospace, aircraft, subsea, water treatment and industrial automation marketplace. With pressure ranges from 0-2.5 inches of water to 100,000 psi, analog and digital outputs and accuracies to +/-0.05% FSO, GP:50 can provide a reliable, tailored to fit solution to your application.

For more information visit our web site at [www.gp50.co.uk](http://www.gp50.co.uk).

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