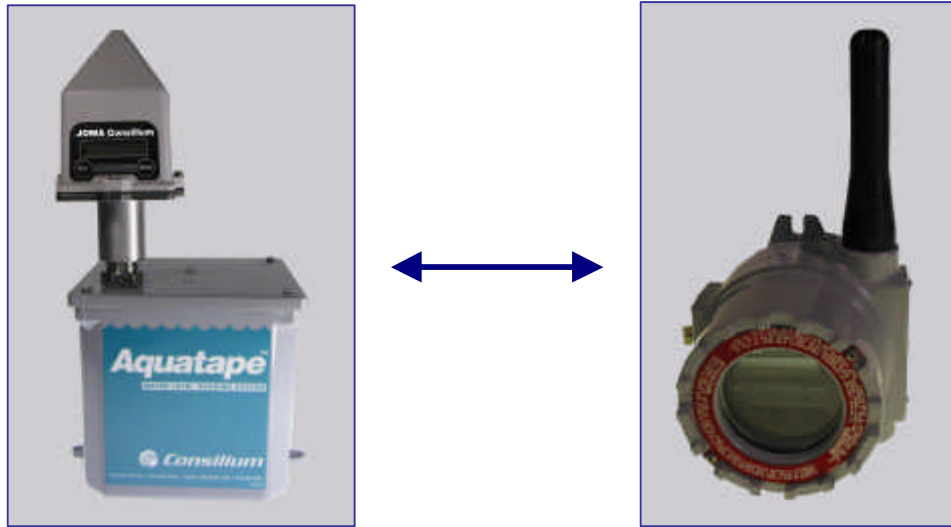


JOWA Consilium

Wireless Level System saves railway \$90K



JOWA Consilium's new Wireless Level System saved a Midwest railway company \$90K on a recent 4 tank level and temperature monitoring system.

When researching the project, the engineer narrowed the search to two companies that had similar equipment costs of about \$30K. The competing system required 4 wires to run from the utility building up to the top of the 35-foot tall diesel tanks. After consulting with some electrical contractors an installed price was determined and it was found to be \$90K higher than using the Wireless System available from JOWA Consilium.

This wireless level gauging system allows for level monitoring in places traditionally considered cost-prohibitive. With no wires, no power, and no required FCC operation license, this product can be used in most water, wastewater, petroleum and chemical applications. Used with all of the company's resistance-tape level sensors, the Wireless Base Radio can communicate with up to 50 field units in the 3000 ft range (clear line of sight) and 500 to 1000 ft with obstructions.

The package system put together for this railway included one base station for each tank since each of the tanks were located in different states. Through the use of a Modbus to TCP/IP converter, an Ethernet connection to the Internet and simple software running on a PC the end user was able to get the four tank levels and temperature data points into an Excel spread sheet for data manipulation.

Contact JOWA Consilium if you are interested in learning more about this unique cost saving product.

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