

Consilium US and Logic Beach Offer Optimal Level Gauging Solution

[Consilium US, Inc.](#), a leading provider of level gauging solutions, teamed with Logic Beach Inc. to assist a major mid-western railroad in monitoring multiple fuel oil tanks located throughout the southern half of the United States. Logic Beach's Mini Modologgers™ and accompanying HyperWare™ centralized software system were incorporated into Consilium US's Petrotape™ Gauging Systems so that the Railroad can remotely track fuel and yard runoff levels.

The Mini Modologgers collect data generated from the Petrotape systems and downloads it to PCs running HyperWare software. The information is then converted to an Excel spreadsheet, so that the Customer can review the fuel oil levels measured by Petrotape.



[Petrotape](#) is a cost-effective system for monitoring above or below ground storage tanks that are at or near atmospheric pressure and is ideal for gasoline, fuel oil, crude oil, kerosene and diesel fuel applications with temperatures up to 225° F (107° C). Petrotape is a packaged system consisting of Consilium US's Hastelloy jacketed [Metritape resistance-tape](#) sensor, a compact filter assembly, a sensor housing and a two wire 4-20mA current transmitter. Petrotape's filter assembly protects the sensor from moisture and contaminants and provides pressure equalization. Although Petrotape is available in overall lengths of 3 to 100 feet (1 to 30 meters), Consilium US has equipped this project with Petrotape sensors that range in length from 9 to 40 feet.

Consilium US's Petrotape system and Logic Beach's Mini Modologgers and Hyperware software have proven to be an ideal level gauging solution for this Railroad's fuel and runoff tank applications. The products are rugged, reliable and complement one another. As evidenced by its on-going business relationship with Consilium US, the Railroad is satisfied with the performance and the quality of Petrotape, the Mini Modologgers and Hyperware.

For additional information about Petrotape and other level gauging solutions offered by Consilium US, please e-mail webinfo@consiliumus.com or call 800-861-1560.