



“Vectec have worked with Powtechnology IIoT kit for nearly ten years, involving hundreds of regular tank level installations, prior to launching our fuel theft detection system. They have offered us great technical support and the kit is consistently robust and reliable. The API on MetronView cloud has allowed us to draw data into our own application-specific platforms. The beauty of the Metron4 is its flexibility and we aim to develop it for other purposes in the future.”

SIMON FOWLER
Vectec MD



The task

Vectec Limited designs, installs and maintains refuelling facilities for commercial and public sector organisations. Having used Powtechnology tank level monitoring for years, they needed an IIoT solution for customers who stored diesel at unmanned sites, to protect them from theft.

The result

This IIoT solution offers a simple retrofit. Vectec customers now have a local deterrent and 24/7 alarming, based on their own usage patterns, to help avoid the costs and environmental risks of theft and tank damage.

The solution

The solution monitors fuel level rate of change over a set period. It incorporates a beacon and klaxon as a local deterrent. Parameters are user-defined. Alarms are sent to staff, so they can attend site to minimise losses and the risk of spillage. Devices have uninterruptible power supplies and cutting the probe cable triggers the alarm.

Summary

- | Visual and audible local deterrent
- | Alarms whilst theft in progress
- | Reduced expense in lost fuel
- | Reduced clean-up costs
- | Reduced environmental risk