



AdaptIQ

Intelligent Commodity Monitoring Software

Date to rely on. Data to act on.

Product Overview

AdaptIQ software is **VERIDAPT**'s secure, central web application, providing mining & rail with reliable, intuitive software to manage and reconcile hydrocarbons and energy supply chains while also facilitating emissions reporting.

AdaptIQ software records, reports and analyses the monitoring, ordering, delivery, transfer and dispensing of commodities in real-time.

AdaptIQ records data, such as live, real-time stock in storage tanks, silos and stockpiles or other storage facilities and live movement of stock to and from the storage facility, or an asset that will use the resource, such as a vehicle being refuelled.

VERIDAPT's solution is secure by design. All information transmitted from **VERIDAPT** devices to the cloud are tunnelled over an encrypted private cellular connection. All data stored in the cloud is encrypted. Our software is backed up hourly.

Value Proposition

VERIDAPT provides highly accurate data to ensure maximum fuel and lubrication reconciliation in real-time through AdaptIQ software.

VERIDAPT recognises that reliable, trustworthy data is necessary to power fuel management improvements and optimisations, resulting in lower costs and greater efficiencies.

VERIDAPT continually invests in intuitive, user-friendly software to lead hydrocarbon management best practice. This is achieved through partnerships with clients and industry to create a pathway for innovation and success.

VERIDAPT's commitment to innovation ensures a unique market leading position in the global renewable energy transition through emissions tracking, reporting and analysis.

Key Features

- Product movement transactions - track movement of hydrocarbons from tank-to-tank or down to individual assets.
- Real-time tank inventory monitoring using ATGs, coupled with precise history of changes in tank stock over time.
- Gauge Transaction Service advantage - AdaptIQ calculates inflow to tanks without the need for inflow meters in real time.
- Live interactive tank reconciliation tools are built into tank monitoring graphs. e.g. tank stock vs expected inventory levels.
- In-depth information identifying equipment near refuelling locations, providing additional data beyond refuelling times.
- Record detailed information regarding flow rates and line pressure, providing additional data sets to product movement transactions.
- Enterprise Software - automate data flow throughout your business with API integrations, ERP and site access systems.
- Field Fault Reporting plus alarms allow for customisable fault codes to be configured and made available to AdaptMAC hardware operators.
- Automatic reconciliation of delivery quantities comparing dockets or BoLs against actual tank inventory e.g. Book stock against actuals.
- Optical Character Recognition to detect equipment in photos available via mobile app and AdaptIQ.
- Upload and link documents to product movement transactions, such as invoices, BoLs, photos of equipment, or meter readings.
- Calculates tank volumes in the absence of installed ATGs. e.g. service trucks, using inflow & outflow data to track tank levels and display expected volume.
- All product movements recorded, including theft, triggering alerts as unauthorised transactions.
- Remotely authorise dispenses from AdaptIQ if issues occur in the field. e.g. Remote Supervisor Override.
- Accurate carbon emissions reporting per movement transaction, down to each fuel consuming asset.
- Powerful audit trail and reporting for tax rebate compliance.
- Software solution is secure by design. All information transmitted from VERIDAPT devices to the cloud are tunneled over a private cellular connection and encrypted. All data stored in the cloud is encrypted. VERIDAPT software is backed up hourly.

Key Benefits

- Save money on flow meters, air eliminators and hot works on pipes, use existing ATGs to record delivered product quantities and compare to invoiced quantity.
- Powerful remote analysis tool for discovering and troubleshooting hardware faults.
- Capture data on vehicles arriving at refuelling points via beacon Bluetooth recognition and how they interact with the FMS system.
- Detect infrastructure performance e.g. hose pump and valve issues.
- Design in-depth integrations with ERP systems to automate extraction of data for financial reporting and payments.
- Connect data to AdaptIQ e.g. delivery dockets for upcoming deliveries, authorised personnel information.
- Comprehensive APIs that are enterprise ready e.g. create a seamless flow of data between IQ and the other systems.
- Report faults and action quickly with direct communication from staff in the field to the system.
- Safety benefits with nozzle flow speed detection eg. Detect issues.
- Attach additional information of movements for reference or auditing e.g. PDFs of documents or photos.
- Real-time tank monitoring of service trucks or fixed tanks without installing an ATG.
- High visibility in detecting potential theft of product.
- Accurate and easy to access reporting of carbon emissions down to fuel consuming asset.
- Generate EoM reporting and easily calculate Fuel Tax Rebate reports.

For more information on our market leading technology, please contact our sales team

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