

Case Study: Adapt **FMS**

VERIDAPT Unlocks \$720K in Mine-Site LV Fleet Fuel Savings, Cuts Consumption 18%

Problem

A Canadian mining client identified a need to better understand its light vehicle dispensing points through greater transparency in order to reduce fuel consumption and overall fleet operating costs.

Whilst Light Vehicle (LV) fleet on mine sites on average use only up to 5% of the overall fuel volume, **VERIDAPT** recognised that a significant opportunity existed to streamline and optimise fuel usage due to a significant number of equipment items in use.

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Solution

The enterprise-ready **VERIDAPT** fuel management was installed on the two existing LV dispense points on site. The LV fleet uses approximately 1.5M litres per year. The system was able to monitor consumption for two months without being “turned on,” providing the base line for comparison.

When AutoID and dispense limits features were turned on, the fuel consumption over the next two months period dropped by 18%.

This result was assisted through accurate reconciliation combined with dual AutoID methods that enforced a “no free fuel” culture.

VERIDAPT next activated its proprietary consumption-based servicing software module. This module allows monitoring and scheduling of service events based on vehicles reaching the fuel consumption set point since their last service, instead of the traditional method of calendar or odometer-based servicing.

Benefit

Further to 18% drop in fuel consumption, the client realised numerous additional benefits to their 300 vehicle fleet: reducing preventative maintenance services from 1,456 to 1,092 events per year, de-commissioning under-utilised vehicles, reducing consumables, increasing equipment availability and a reduction of 4 Full Time Equivalents (estimated \$100K per staff)– equal to \$720K in savings.