

Banlaw On-Board Device



Fluid Asset Intelligence

Banlaw On-Board is an easy to install device that allows usage and consumption data for all your fuel-consuming assets to be collected and analysed, automatically.

The problem

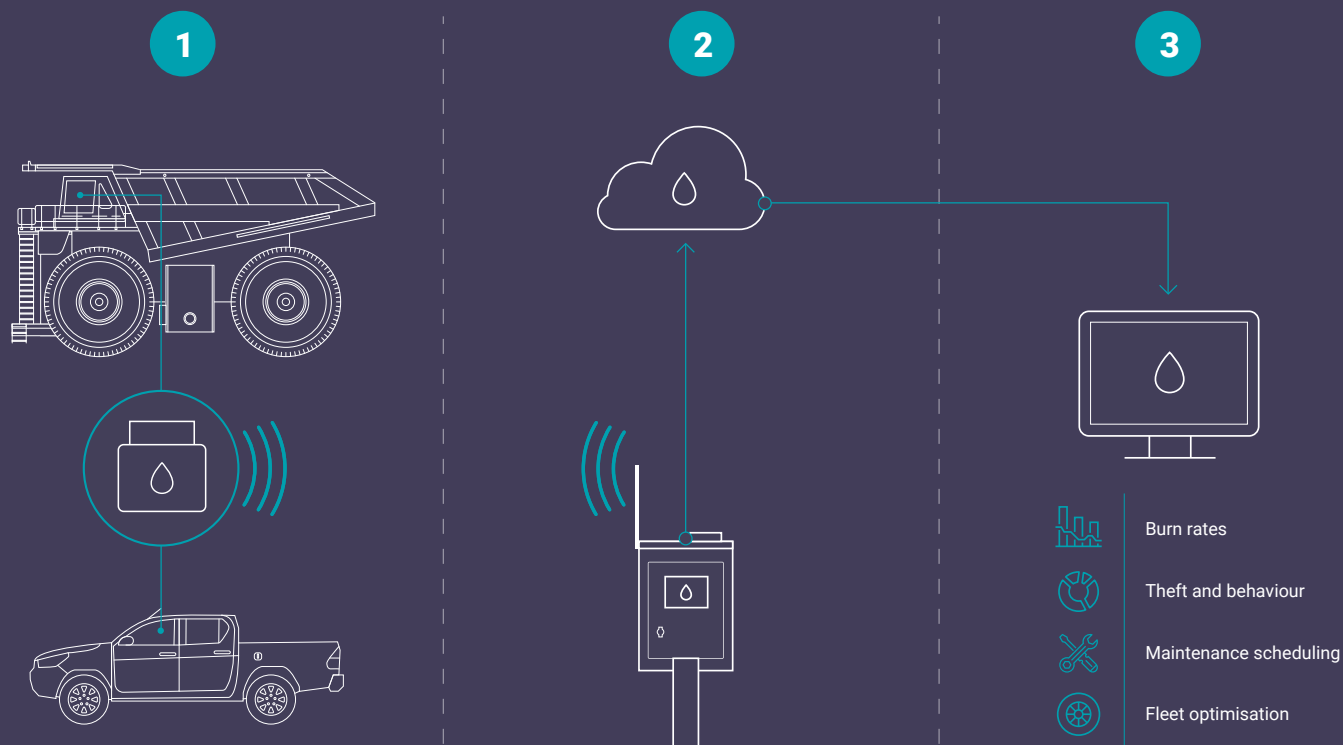
There are many ways of gathering asset mileage and engine hours to calculate fuel burn. Typically they require manual processes specific to each type of equipment, leading to low-quality, incomplete data. Untrustworthy data cannot be acted upon, and a lack of visibility contributes to unscheduled breakdown events, excessive fuel usage, and underutilised assets.

The solution

Banlaw On-Board (BOB) enables one process for all types of fuel-consuming asset and one source of truth for the business. BOB allows you to establish a unified business standard for automatically gathering fuel usage, consumption trends, burn and benchmarking. This information is then disseminated as meaningful insights.

- 1 BOB automatically gathers key machine utilisation data such as vibration, GPS coordinates and power, then calculates accurate odometer and engine hours information.
- 2 The data is wirelessly transmitted to a Fuel Management Controller each time the equipment is refuelled. This automated process requires no human involvement and no manual data collection processes.
- 3 With BOB, insights can be viewed using the suite of reports included with Banlaw's ResTrack RMS Software. The data can also be accessed and leveraged for maintenance scheduling and optimisation tasks.

BOB enables a unified, automated process for reducing business risk and disruptions





Part Number BRTBOB

Key benefits



Proactively identify fuel system defects and areas for optimisation by monitoring consumption trends and outliers



Maximise the productivity of every machine in your operation, with reporting that delivers targeted insights on fuel burn rates



Pinpoint fuel waste, with comparisons of fuel dispensed to the amount of work delivered by fleet, vehicle, shift, staff member, etc



Improve asset reliability through early detection and planned repairs



Enable process efficiencies with automated data collection, analysis, notifications, and insights reporting



Deploy a single process that works seamlessly across heavy and light vehicles, on-road fleets, as well as stationary machines

BOB enables immediate access to information across your organisation, using Banlaw's ResTrack RMS Software. Actionable insights will allow you to make critical decisions that boost productivity, reduce waste, and maximise the efficiency of your fleet.

- ✓ Efficiently schedule equipment maintenance based on engine hours and odometer data that's available when you want it, 24/7
- ✓ Pinpoint underutilised assets and re-deploy them to maximise productivity
- ✓ Use changing fluid consumption rates to pre-empt expensive unplanned maintenance
- ✓ Optimise the size of hire fleets, supporting profitability
- ✓ Highlight any disconnect between work performed and fuel consumed, increasing accountability and mitigating fuel theft
- ✓ Reduce the consumption of hydrocarbons as well as emissions by leveraging just the right number of highly-productive machines

With Banlaw On-Board, your fuel management system becomes the single source of truth for trustworthy engine hours / odometer, and fuel burn data. You receive automated data collection, trending, and actionable insights for all of your fuel-consuming assets!

- ▶ Spot underutilised assets
- ▶ Identify and eliminated fuel theft
- ▶ Use changing fuel burn rates to optimise maintenance costs - avoiding expensive surprises
- ▶ Share visibility across the business for simplified maintenance scheduling based on actual equipment use



The Banlaw On-Board Device is perfect for an 'out of sight out of mind' installation, which is unlikely to be tampered with. It includes an internal backup battery too, which is automatically recharged from the vehicle and does not need to be changed



Part Number BRTBOB

A vehicle rooftop installation using 3M™VHB™ tape. Completed in minutes.



Easy to install

- ▶ Efficient and straightforward self-installation, no specialist installer is required
- ▶ Flexible installation options suit your industry, or site-specific requirements
- ▶ Banlaw On-Board devices can be installed on any vehicle or stationary machine, providing consistent, automated data collection across your operation

Built tough

- ▶ The sturdy IP65 enclosure is designed to withstand harsh operating conditions all over the world
- ▶ It functions reliably in hot, cold, dusty, and wet work environments
- ▶ The Banlaw On-Board Device can also be washed down with a low-pressure hose during vehicle cleaning

Operating Temperature $-20^{\circ}\text{C} < T_{\text{amb}} < +70^{\circ}\text{C}$ ($-4^{\circ}\text{F} < T_{\text{amb}} < 158^{\circ}\text{F}$)



Contact your Banlaw rep today to find out how BOB can help you
maximise the value you receive from the fuel you purchase.

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