# Intelligent Tuning Solutions

The modern common rail diesel or electronic fuel injection engine is a versatile unit. Performance adjustments of the engine can be managed with precision, through software analysis of the ECU (Engine Control Unit). A series of control maps can be finely tuned to deliver better performance and economy from your engine.

Our service is supported by the global market leader in engine tuning. We have the mechanical experience and the scientific analysis qualification to deliver a service you can rely on.



## What can BlueKey technology achieve for your vehicle, your plant, your fleet?

- Unlock the potential of your vehicle performance.
- Deliver more power at reduced RPM.
- Reduce fuel consumption.
- Improve drivability.
- Increase profitability.

**Example Fuel Saving:** Truck using 195 liters per day could save 25 liters per day. At €1.05 per liter, €26.25 per day saved or €131.25 in a 5 day week, which equates to a huge saving of €6825.00 per year for one truck. For a fleet of 5 trucks a staggering €34125.00 could be saved and possibly more in some cases. (Fuel price net of VAT, correct March '17, information for illustrative purposes only).



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## BlueKey Technology



BlueKey is the process we use in delivering a quality service to our clients, in which the potential of your vehicle, your plant, your fleet is unlocked. Where you see the BlueKey logo you can be assured that the service you receive is tailored to your specific engine requirements. The BlueKey process follows procedures to ensure the best quality of service and results for our clients.

#### **Efficiency of Service**

We understand that time is a precious commodity for HGV, plant and commercial operations. Access requirement is minimal, and can fit around the clients' schedule. Mobile service available, we will come to you.

"Intelligent Tuning Solutions were able to increase the power and drivability substantially of our HINO 700s, as well as delivering between 10 and 15% fuel savings. I would highly recommend their service." - Peter O'Donnell Peter O'Donnell & Sons Ltd, Co. Donegal – Quarry Products.



### **Torque and Gear Ratio**

Our analysis and adjustment allow optimization of the torque delivery on the whole rpm working range: the result is the improved engine efficiency and the consequent possibility to use a superior gear ratio at lower rpm. Save fuel.



#### Wide range of options

Most modern engines have ECU of performance management parameters. We can in most cases offer improvements for our clients. Whether you have HGV, smaller plant (excavators, commercial, dumpers, rollers etc.) Marine (inboard and outboard), Tractors and if you have one vehicle or a fleet of many, contact us to see what we can do for you.

#### **Fleet**

Fleet managers get the best out of your vehicles and drivers. Use the three key principles to benefit the bottom line profit of your business.

- ECU Upgrade for Economy
- Educate driving style to maximize ECU upgrade efficiency.
- Managed Maintenance Schedules for smooth engine performance.



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