

# O<sub>2</sub> Smart Vehicle

Powered by Geotab

Real-time driver behaviour  
and vehicle diagnostics delivers  
business value for Van Elle

## Exploring opportunities to boost operational efficiency, commercial growth and driver safety

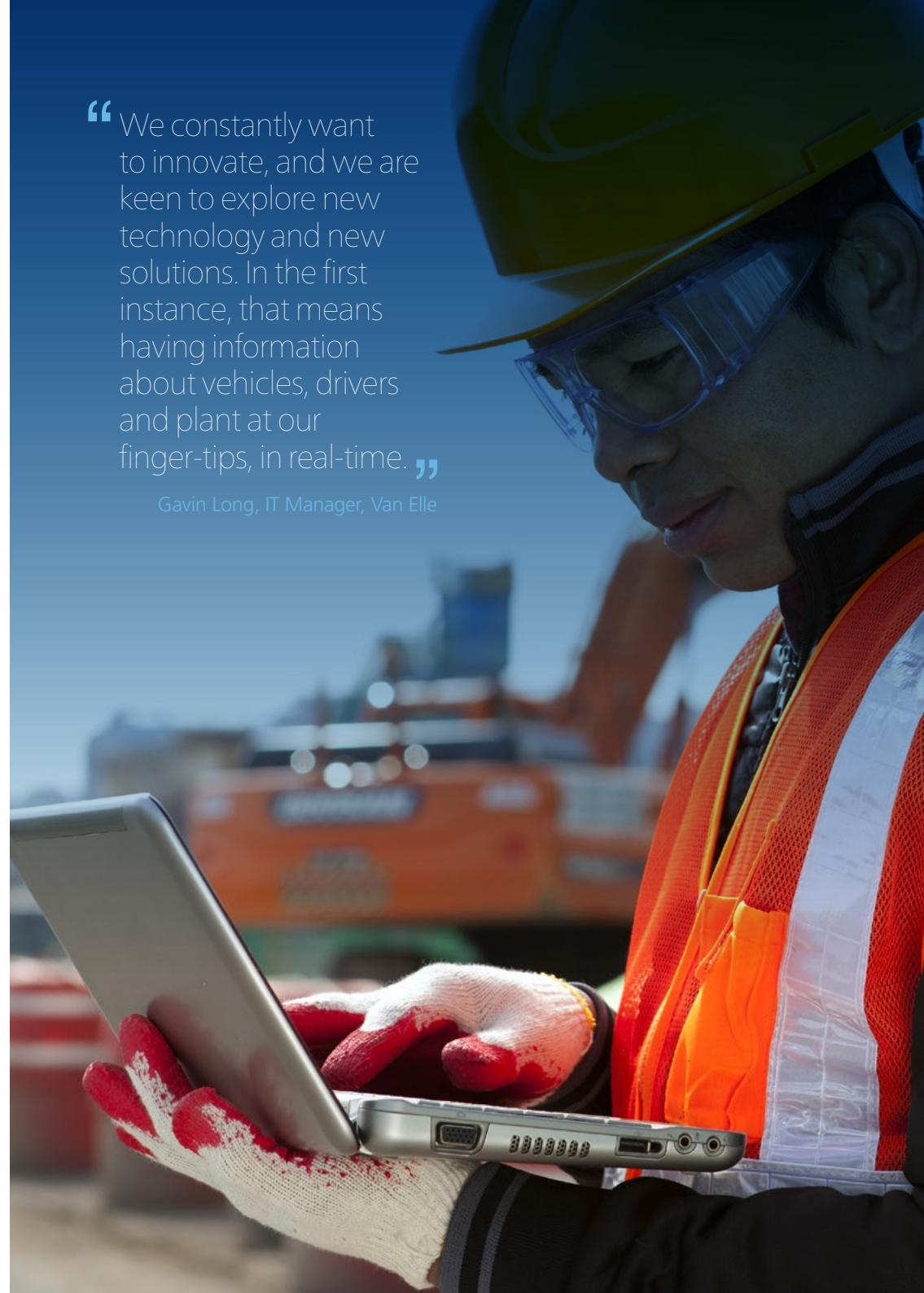
With around 520 employees, three offices in the UK, around 180 vehicles and more than 100 rigs, Van Elle knows how critical it is to keep track of where people, vehicles and heavy machines (plant) are, and what they're doing.

"Our previous tracking system allowed us to see where any given vehicle was on the map, but that was pretty much it. We wanted more," says Tom Lindup, Group Managing Director, Van Elle. "With a fleet of our size, we need to keep track of servicing and maintenance as well as how our drivers are behaving. As well as knowing where a vehicle was, we were also looking for an opportunity to maximise efficiency right across our workforce," Tom added.

Van Elle invests significant amounts of capital in vehicles and plant, and needed to get the most out of that investment. When the company heard about O<sub>2</sub>'s Smart Vehicle solution, they were extremely interested. This is a small plug-and-play device that clips easily into a vehicle's OBD-II port and captures and communicates a wealth of diagnostics in real-time. Van Elle could immediately see how useful this would be, not only in terms of the day-to-day efficiencies, but also in terms of planning for business growth and its readiness to respond to future opportunities.

“We constantly want to innovate, and we are keen to explore new technology and new solutions. In the first instance, that means having information about vehicles, drivers and plant at our finger-tips, in real-time. ”

Gavin Long, IT Manager, Van Elle





“The O<sub>2</sub> solution is unique. Other companies could do driver behaviour and tracking, but no one else could get that detailed information from on-board diagnostics about how vehicles are performing on a day-to-day basis.”

Tom Lindup,  
Group Managing Director, Van Elle

## O<sub>2</sub> customer story

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## Real-time diagnostics with O<sub>2</sub> Smart Vehicle

The O<sub>2</sub> Smart Vehicle dashboard device monitors vehicles, providing real-time information about where their vehicles are, how they're being driven and if a driver has an accident. It also generates a wealth of information on parameters such as vehicle mileage, engine diagnostics trouble codes, driver behaviour, vehicle location, fuel and oil levels, tyre data, battery status and seat belt engagement. This boosts Van Elle's business efficiency, helps maintain vehicles in top condition and ensures that drivers stay safe.

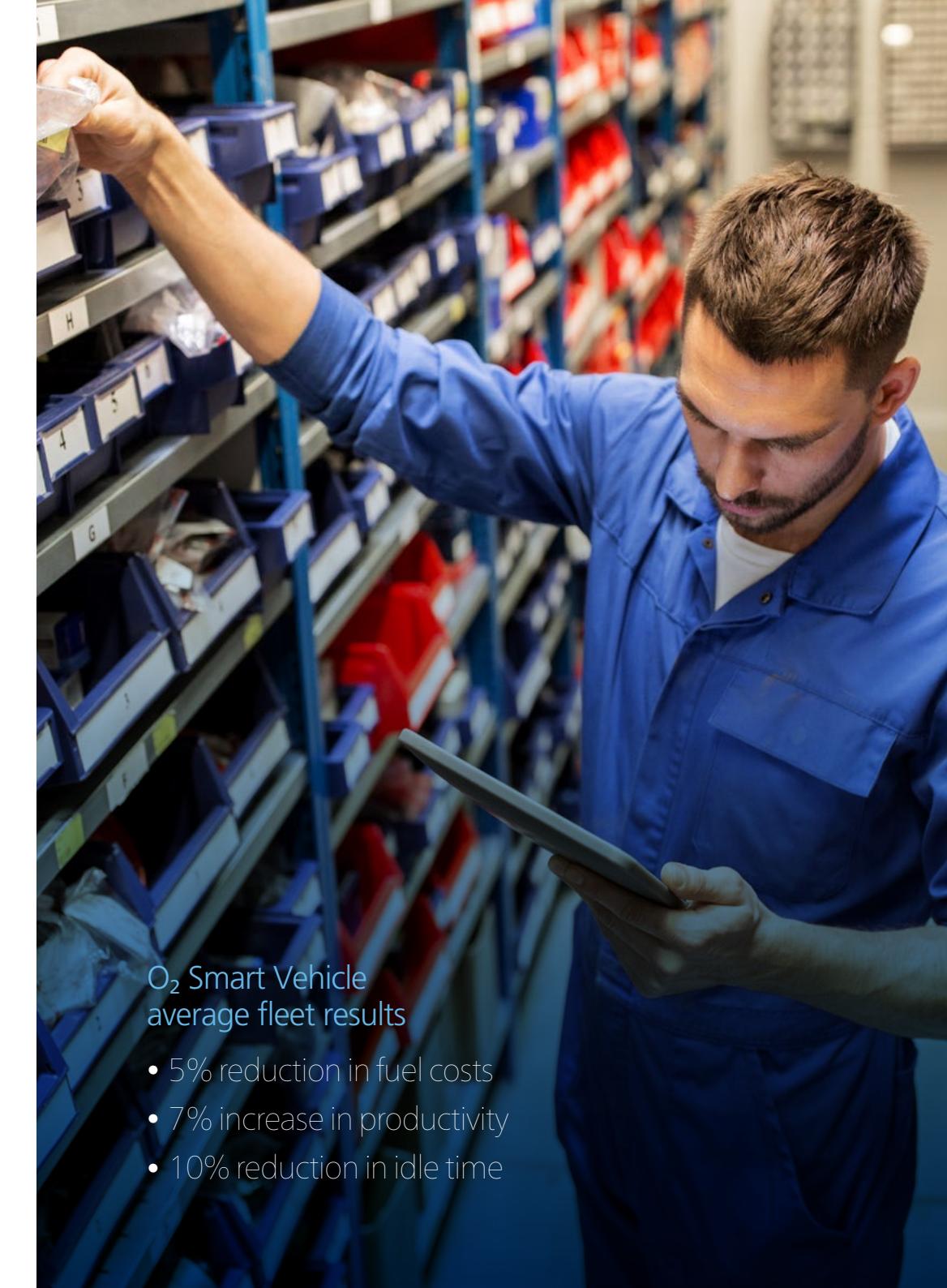
“Our experience of working with O<sub>2</sub> has been very good,” says Tom Lindup, Group Managing Director. “From initial conversations about what we wanted from the project and what we were trying to achieve, to the speed at which they respond to any questions we have.” Van Elle's team have also found O<sub>2</sub> Smart Vehicle easy to use, thanks to its graphical view and user-friendly design. The information also helps the company with its duty-of-care by making sure drivers are driving carefully and aren't working longer than is safe.

Van Elle found moving to O<sub>2</sub> Smart Vehicle a very smooth process with the solution now deployed across their fleet of vehicles.

The solution has made the company much more prepared for future opportunities, too. “We are always ready to take the business forward and are constantly in a position to work in new sectors. We know that the key to being able to take the business forward is by integrating advanced IT solutions into the growth of the company,” says IT Manager Gavin Long. “That's what most excites me about this technology and what else O<sub>2</sub> have to offer.”

## O<sub>2</sub> Smart Vehicle benefits to Van Elle

- Real-time vehicle location so the nearest driver can be deployed to a job, to keep business efficient
- Seat-belt use and driving styles, to keep drivers safe
- Identification of vehicle faults, oil levels, tyre condition and battery status with the largest database of reverse-engineered engine codes, to ensure vehicles are well maintained
- Access to real-time vehicle information through a web portal or directly via their back-office systems, to support decision-making
- Alerts and reports, for increased transparency and accountability
- Fuel-use information to achieve considerable fuel savings
- Driver behaviour information enables better driver education and reduced insurance premiums
- Data on mileage and fuel for reduced operational costs
- End-to-end service wrap covering devices, set-up and in-life support (no more multiple suppliers)
- Full UK and European coverage
- World-leading technology: including hardware, firmware and software
- Easy installation: covertly installed using a T-harness; unit clips easily onto a car's diagnostics port, allowing it to be installed in-house or moved between vehicles



### O<sub>2</sub> Smart Vehicle average fleet results

- 5% reduction in fuel costs
- 7% increase in productivity
- 10% reduction in idle time



O<sub>2</sub> customer story



## About Van Elle

Van Elle is the largest geo-technical engineering contractor in the UK, and has enjoyed steady year-on-year growth. Over the past 32 years, it has established a reputation in its core ground engineering markets, built on service, quality, technical expertise, innovation, safety and successful delivery of value-driven solutions to its customers. Services encompass site investigation, driven, bored, drilled and augered piling and ground stabilisation services. In addition, the group develops, manufactures and installs pre-cast concrete products for use in its specialist foundation applications – all for sectors including new-build residential, infrastructure and the commercial and industrial sectors, among many others.

Recognised in its sector for their expertise, innovation and technical excellence, Van Elle has won many awards including:

- 2015 Construction News Awards' 'Ground Engineering Contractor of the Year'
- 2015 Ground Engineering Awards' 'Contractor of the Year'
- 2015 & 2016 East Midlands Chamber of Commerce's 'High Growth Business of the Year' & 2015 'Overall Business of the Year'
- 2015 & 2016 Offshore Excellence Awards' 'Global Piling & Ground Engineering Contractor of the Year' & 'Award for Technical Excellence'
- 2016 NCE100 Ranked Company and 'Technology Trailblazer of the Year'

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Published in January 2017.

All information is correct at time of going to print.  
Telefónica UK Limited Registered in England no. 1743099.

Registered Office: 260 Bath Road, Slough, SL1 4DX

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