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## **ALE REVOLUTIONISES ROUTE SURVEYING WITH NEW TECHNOLOGY**



ALE has launched its new Route Survey Tool, which is set to revolutionise the way route surveys are carried out in the heavylifting industry.

ALE designed the Route Survey Tool as a computerised system that automatically logs accurate route descriptions on digital maps. Critical sections of the route are measured and photos, video footage and drawings are generated for more in-depth analysis.

As part of the engineering phase, the Route Survey Tool enhances ALE's overall FEED offering to provide a more efficient, accurate and reliable route survey that no other company can provide.

The system has a scanning range of a 100m radius around the car and, at 100m, it can scan to an accuracy of 20mm. The system also has a GPS accuracy of  $\pm 0.5\text{m}$ .

Safety is also improved and project efficiency is optimised as the separate Driver Assist tool helps on the actual route by instructing drivers of the route ahead. By providing them with automatic data, they can prepare for complex parts of the route beforehand and improve the overall time and cost efficiency of the project.

“Route surveys have been integral to the heavy transportation projects and engineering services for years. Current systems, which are manually logged, are often susceptible to human errors and can be time consuming; we wanted to design a solution that was not only safer, more accurate and reliable, but one that could also cover longer distances and was a quicker alternative,” explained ALE's R&D Manager Harrie Smetsers.

“The Route Survey Tool represents a revolutionary and easier way to carry out reliable route surveys in a quick and safe manner, and is the only system on the market that conducts a consistent and precise route survey without the need to manually enter information or step outside of the vehicle.”

The route survey tool has been fully tested and will now be implemented across the ALE group world-wide. It is currently being used in Indonesia.

**ENDS**

*Issued by the ALE press Office. For more information or images, please contact Sarah Maia on 01889 272 545 or email [s.maia@ale-heavylift.com](mailto:s.maia@ale-heavylift.com).*

**Image 1: The Route Survey Tool launched in Breda, the Netherlands.**

**Notes to editors:**

ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE delivers strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE has more than 30 offices across Europe, the Far East, Africa, America, South America, the Middle East and Australia. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2015, Environmental standard ISO 14001:2015, and Health and Safety Standard OHSAS 18001:2007.

Further information can be found on the ALE website at [www.ale-heavylift.com](http://www.ale-heavylift.com).