

SEP Rail Services leads the way with pioneering investment

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SEP Rail Services marks a significant milestone as the first independent UK surveying company to acquire the Network Rail approved, Trimble Dual Headed GEDO GX50, a state-of-the-art laser scanning system, purchased from KOREC Group. This investment propels SEP Rail Services to the forefront of rail surveying innovation, enhancing both precision and efficiency in their operations.

The Trimble GEDO GX50 is at the cutting edge of laser scanning technology, designed to seamlessly integrate with Trimble GEDO track measurement systems. Its innovative dual-headed configuration significantly enhances data collection capabilities by boosting point density, accelerating measurement speeds and minimising shadowing effects within the scanned data. Such enhancements are pivotal for achieving unparalleled detail and clarity in objects perpendicular to the track, a critical aspect of thorough railway surveying.

The strategic decision by SEP Rail Services to transition to the Dual Headed Trimble GEDO GX50 from their prior system underscores their commitment to integrating the latest technology for superior service delivery. This investment streamlines their workflow by achieving in one session what previously required multiple visits, and significantly improves the quality of data collected for clearance verification, as-built

data compilation, and Building Information Modelling (BIM)-compliant projects.

Immediate Benefits for Clients

Chris Lyon, Head of Delivery at SEP Rail Services, commented on the new acquisition's impact on operations and client service.

"The introduction of the Trimble Dual Headed GEDO GX50 marks a significant step forward in our operational capabilities. Compared to our previous system, it's faster on-site and far more robust under various weather conditions. The dual head system allows for measurements at multiple heights and angles with less shadowing, ensuring more features are accurately captured.

"This translates into significant benefits for our clients, as we can conduct surveys more quickly and reliably, speeding up the survey process, and reducing the amount of time needed on site."

Rikki Morrow, Managing Director at SEP Rail Services, further expressed gratitude towards the KOREC Group, acknowledging their significant support throughout the procurement process, especially for the comprehensive demonstration provided earlier in the year.

"KOREC Group's expertise on the demonstration day enabled our team to hit the ground running, significantly reducing the time from purchase to real-world application. The collaborative approach throughout this acquisition has instilled a level of confidence within our team that is sure to resonate with our clients."

KOREC Group, recognised as a leading distributor of surveying and mapping equipment, collaborates closely with top technology manufacturers to introduce innovative solutions to the market. Ric Kirman, Rail & Monitoring Manager at KOREC Group, echoed the sentiment of strong partnership and technological advancement.

Commenting on the acquisition, Ric Kirman, Rail Business Area Manager, KOREC said: "We are delighted to have worked in collaboration with Rikki Morrow and SEP Rail on their acquisition of the Network Rail Approved Trimble GEDO GX50 system. We think scanning represents the future of rail surveying, enabling increased productivity, efficiency, and safety despite ever reducing track access time.

SEP Rail, through their existing Trimble GEDO 3D scanning experience, understand this can be achieved through the increased use of scanning technology and digital twin creation so it comes as no surprise that they are the first independent survey company in the UK to lead the way with this innovative technology. SEP Rail have an ethos of 'do it once, do it right' and the GEDO GX50 will enable them to consistently achieve that aim."

This pioneering move by SEP Rail Services not only underscores their dedication to leveraging cutting-edge technology but also sets a new benchmark in the UK rail surveying industry, promising enhanced efficiency and precision in their future projects.

To learn how this new investment could benefit your future projects, please contact SEP Rail Services,

Head of Delivery, Chris Lyon on info@seprail.co.uk.