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Cordel Group PLC
("Cordel" or the "Company" or the "Group")

Angel Trains Update

Cordel Group PLC (AIM: CRDL), the Artificial Intelligence platform for transport corridor analytics, announces achievement of a key contract milestone with Angel Trains Limited.

The first deliverable, a Digital Twin of the complete Paddington to Didcot route has been completed and demonstrated to Network Rail staff.

Rebeka Sellick, Business Development Director, UK & Europe, Cordel, said: “Our contract with Angel Trains for Network Rail in the UK has enabled us to realise our vision to install our LiDAR, imagery and locations hardware onto in-service passenger trains. Building on last year's success, we installed a 3rd complete Cordel Wave32 set on to an additional Class 165 train at GWR's Reading servicing and maintenance depot in February, proving that our modular retrofit can easily be rolled out to successive passenger trains.

Key to Cordel's approach is that the hardware is not an end in itself, but feeds our data pipeline, so we can enrich the machine learning of our AI algorithms to deliver outputs for NR's engineers. With the no-touch data capture now delivering up to 110GB per sensor set per day (depending on the train's timetable), we are tailoring our AI to deliver further insights for NR. Network Rail engineers have access to the Cordel Viewer to explore this rich dataset of LiDAR and imagery, and understand what potential it offers them.

With the Digital Twin successfully delivered, the Cordel development team has moved on to focus on the Gauging and Clearance Use Cases.”

Malcolm Brown, CEO Angel Trains Limited, said: “The Angel Trains class 165s were the first passenger trains to be installed with Cordel's innovative AI monitoring technology. The data that is captured provides more efficient and cost-effective management of the rail network and a better, more reliable passenger experience. We are proud to continue our investment in new technology that enhances the UK's railway system”

Ian Buddery, Chairman, Cordel, said: “Our team is delivering this ground-breaking technology on time and on budget for Angel Trains, as we continue to prove the significant benefits of automated data capture and analysis, reducing cost and improving safety and reliability for the world's leading railways.”

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About Cordel

Cordel produces specialist hardware and software for capturing, analysing and reporting on large datasets within the transport sector, employing sophisticated artificial intelligence algorithms. Further information on the Company is available at: www.cordel.ai