

Descartes Unveils Artificial Intelligence and Machine Learning Enhancements to Routing, Mobile & Telematics Suite

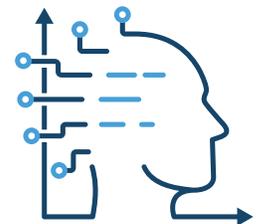
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WATERLOO, Ontario, October 06, 2021 (GLOBE NEWSWIRE) -- Descartes Systems Group (Nasdaq: DSGX) (TSX:DSG), the global leader in uniting logistics-intensive businesses in commerce, unveiled artificial intelligence (AI)- and machine learning (ML)-based enhancements to its Routing Mobile & Telematics suite. The enhancements help customers achieve outstanding optimization results and learn from real-world outcomes to maximize fleet performance.

"Descartes has a long history of innovation, including robotic process automation for standardization and automation of route planning processes, elastic cloud optimization to scale for large fleet operations and same-day route optimization to dynamically promise time-definite same-day deliveries," said Sergio Torres, Senior Vice President at Descartes. "Our AI- and ML-based enhancements are indicative of our continued efforts to enhance our routing solutions to simplify and automate configuration and system tuning for greater model accuracy and improved operational results."

The AI and ML enhancements include:

- Descartes AI Advisor™, an intelligent configuration and monitoring module, emulates Descartes' route optimization experts' knowledge. After walking the customer through a series of questions, Descartes AI Advisor automatically configures optimization settings and parameters. This simplifies and accelerates the configuration process. Configuration scenarios are compared to determine the best route optimization strategies to meet business goals. AI-Advisor can evaluate the results of the system in operation and recommend configurations changes to maintain optimal performance.
- Machine learning algorithms have been applied to location, transit and stop-time calculations. Predictions for these key performance factors are continuously refined by monitoring real-world outcomes from mobile and Internet of Things (IoT) sources in combination with influencing variables. Tens of thousands of data points and variables are evaluated continuously to make learned adjustments to improve route planning accuracy and execute more predictable and efficient routes.



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"AI and ML are perfect extensions to our advanced route optimization and execution capabilities," said Ken Wood, Executive Vice President at Descartes. "From dynamic delivery appointment scheduling through planning and real-time route execution, we've used AI and ML to improve our ability to deliver the next level of fleet performance for customers."

To learn more about Descartes routing, mobile and telematics innovation, visit our [Fleet Innovation Resource Center](#).

About Descartes

Descartes (Nasdaq:DSGX) (TSX:DSG) is the global leader in providing on-demand, software-as-a-service solutions focused on improving the productivity, performance and security of logistics-intensive businesses. Customers use our modular, software-as-a-service solutions to route, schedule, track and measure delivery resources; plan, allocate and execute shipments; rate, audit and pay transportation invoices; access global trade data; file customs and security documents for imports and exports; and complete numerous other logistics processes by participating in the world's largest, collaborative multimodal logistics community. Our headquarters are in Waterloo, Ontario, Canada and we have offices and partners around the world.

Learn more at www.descartes.com, and connect with us on [LinkedIn](#) and [Twitter](#).

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This release contains forward-looking information within the meaning of applicable securities laws ("forward-looking statements") that relate to Descartes' solution offering and potential benefits derived therefrom including the potential benefits and optimization gains that might be achievable as a result of using artificial intelligence and machine learning approaches; and other matters. Such forward-looking statements involve known and unknown risks, uncertainties, assumptions and other factors that may cause the actual results, performance or achievements to differ materially from the anticipated results, performance or achievements or developments expressed or implied by such forward-looking statements. Such factors include, but are not limited to, the factors and assumptions discussed in the section entitled, "Certain Factors That May Affect Future Results" in documents filed with the Securities and Exchange Commission, the Ontario Securities Commission and other securities commissions across Canada including Descartes most recently filed management's discussion and analysis. If any such risks actually occur, they could materially adversely affect our business, financial condition or results of operations. In that case, the trading price of our common shares could decline, perhaps materially. Readers are cautioned not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. Forward-looking statements are provided for the purposes of providing information about management's current expectations and plans relating to the future. Readers are cautioned that such information may not be appropriate for other purposes. We do not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in our expectations or any change in events, conditions or circumstances on which any such statement is based, except as required by law.