Conduent Transportation and Hayden AI Partner to Bolster Child Safety with Autonomous School Bus Safety Technology

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Partnership will provide an automated technology solution designed to keep children safer by enforcing school bus traffic laws

Combining artificial intelligence and computer vision, the solution will use mobile cameras mounted on bus exteriors that activate when bus lights flash and the "stop arm" extends

FLORHAM PARK, N.J., and OAKLAND, Calif., Aug. 31, 2022 (GLOBE NEWSWIRE) -- Conduent Transportation, a global provider of smart mobility technology solutions and a business unit of Conduent Incorporated (Nasdaq: CNDT), and Hayden AI, a global leader in artificial intelligence and machine learning technologies, today announced a partnership to develop and deliver an automated technology solution designed to improve safety for children who ride on school buses. The solution will be available later this year and will help communities with increased enforcement of traffic laws intended to keep children safe.

Combining artificial intelligence and computer vision, the solution will use mobile cameras mounted on bus exteriors that activate when bus lights flash and the "stop arm" extends, signaling to other vehicles that they are not allowed to pass as a student is dropped off or picked up. If a driver violates the required stop by passing around the bus, then the automated solution will be triggered to capture the violation. The camera will automatically record the license plate details and a video clip of the violation, which will then quickly be sent via a secure cloud connection to law enforcement for evaluation. Once the violation is confirmed, the solution will also help agencies to efficiently process citations or warnings.

Passing a school bus with its stop arm extended is illegal in every U.S. state. According to a recent survey conducted by the National Association of State Directors of Pupil Transportation Services, there are tens of millions of violations per year across America where vehicles pass school buses, creating an unsafe situation for the children getting on or off buses. Currently, 12 states have implemented school bus stop-arm enforcement technology and, to date, legislation to allow its use has been introduced in at least 10 other states.

This partnership between Conduent and Hayden AI builds on a 2021 agreement that the companies announced to collaborate on traffic safety solutions, including an automated technology that can improve the effectiveness of traffic lanes dedicated for public transit buses. This additional stop-arm technology, once deployed, will adapt highly accurate, computer vision technology successfully used in other enforcement solutions, leading to more prosecutable violations and requiring no effort from school bus drivers to operate. The solution will be funded through fines and can be implemented without upfront costs to school districts or schools. In addition, data analytics from the solution can provide school districts with real-time insights into the effectiveness of their transportation systems, helping them to make the best possible decisions to ensure the safe pick-up and drop-off of every student.

"Automated school bus stop-arm enforcement technology is a valuable tool for school districts and law enforcement agencies seeking to keep students safe, and we're proud to join with Hayden AI to enhance Conduent's portfolio of smart mobility solutions," said   Mark Brewer, President, Transportation Solutions at Conduent. "We bring more than 25 years of experience as an industry leader in traffic enforcement, and Conduent currently supports one out of every four U.S. state and local automated enforcement programs, including those implemented to monitor speed and red-light traffic regulations."

"We're excited about the opportunity to work with   Conduent on this important safety initiative," said Chris Carson, CEO and Co-founder at Hayden AI. "Together, we will launch new technology that empowers us to achieve things we never thought were possible, and to solve problems that were previously too costly or difficult."

About Conduent Transportation
Conduent Transportation is a leading provider of automated and analytics-based smart mobility solutions for government agencies. These solutions, spanning roadway charging and management, parking and curbside management, and advanced transit and public safety systems, enable streamlined and personalized services for citizens and travelers who use them. We've been helping transportation clients for more than 50 years and operate in more than 20 countries. Learn more at www.conduenttransportation.com.

About Conduent
Conduent delivers mission-critical services and solutions on behalf of businesses and governments – creating exceptional outcomes for its clients and the millions of people who count on them. Through our dedicated people, processes, and technologies, Conduent solutions and services enhance customer experience, increase efficiencies, reduce costs, and improve performance for most Fortune 100 companies and more than 500 government entities. Whether it's touching three out of every four health insured lives and delivering 45% of SNAP payments in the U.S. or enabling 1.3 billion customer service interactions and empowering 10 million employees through HR services worldwide, Conduent services and solutions interact with millions of people every day and move our clients' operations forward. Learn more at www.conduent.com.

About Hayden AI
At Hayden AI, we're pioneering real world problem solving powered by AI and machine learning. From bus lane and bus stop enforcement to digital twin modeling and more, our clients use our mobile perception system to speed up transit, make streets safer, and create a more sustainable future. Our privacy first approach ensures that our technologies comply with security and privacy regulations and protect personal information while fostering innovation. For more information about Hayden AI visit www.hayden.ai.

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