

PRESSEMITTEILUNG

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Graphmasters is part of the ITS-World Congress family

As an ITS World Congress start-up Partner, the young company Graphmasters is part of the ITS World Congress family. With its NUNAV technology, the company is revolutionizing traffic flow not only in Europe; but also in the United States, reducing the number of traffic jams and cutting emissions.

Digital traffic strategies are on everyone's mind when we think of autonomous vehicles. It's the attempt to reconcile the growing volume of traffic with the desire for greater climate protection and the effective avoidance of traffic jams in our streets. With its collaborative routing technology NUNAV, the scale-up Graphmasters has developed a method for such traffic flow orchestration and optimization. Traffic is distributed across the entire road network using AI-based predictive traffic routing, effectively avoiding congestion and reducing emissions. This load-balanced routing is used by the state of Lower Saxony, the first state in Germany. Its Traffic Management Center (VMZ) Lower Saxony/Region Hannover is using this cooperative and connected traffic control system. Lower Saxony is thus a pioneer when it comes to digital traffic management in a live environment.

In addition to private use, NUNAV technology is used in particular for large events, in transport logistics or by parcel service providers. Every 3rd parcel in Germany is already delivered with the help of NUNAV. In addition, NUNAV technology is able to direct visitors and logistics companies to reserved parking spaces at trade fairs. Anyone visiting the ITS World Congress in Hamburg can get a first-hand impression of NUNAV technology and travel directly to the exhibition center using the NUNAV navigation. Also, concert and street sports organizers can use the app to coordinate traffic concepts with the responsible authorities and avoid traffic jams around major events.

Graphmasters at DigitalHub Logistics Hamburg

In addition to its headquarters in Hanover, Graphmasters operates in Hamburg directly out of the Speicherstadt warehouse district. From here, the company is starting to further develop the use of its NUNAV software.

In the German-speaking area alone, Graphmasters already manages more than six million software installations on mobile devices, and the number is growing daily. The company has a clear eye on the mobility of the future: Through a nationwide deployment of collaborative routing, there would be no

more traffic jams in Germany. The average speed of traffic in urban areas would increase by four to five kilometers per hour, and the climate targets set for 2045 could be achieved through improved energy efficiency. A goal the company is working toward. Toward a world without traffic jams.

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