

## **AVS relies on digital technologies to increase safety in transportation projects**

Leverkusen (Germany), April 14, 2021 - AVS Verkehrssicherung ("AVS"), a portfolio company of Triton Fund IV, is expanding its critical infrastructure security activities through digital applications. Following Triton's merger of its leading providers of road and other critical infrastructure safety services in Germany (AVS Group), the UK (Chevron), Belgium (Fero Group) and the Nordic countries (Ramudden), the first synergies are now being exploited between the companies. In the project "The Intelligent Construction Site", changes to the traffic safety equipment in use can be tracked in real time via a web portal. In the UK, this solution has been used successfully for many years to monitor construction sites in real time and thus significantly increase safety. Now the first pilot project has been launched in Germany on the A43 between Recklinghausen and Herne.

### **The intelligent construction site**

Geo zones digitally map the work areas in the roadway section construction site. Each geo zone is filled with the most important work information and contact details of the physical construction site. In the next step, the beacons used at the beginning and end of the construction site are equipped with intelligent communication units in the beacon lights. These units mark the beginning and end of the traffic control measure within the geo zone. When intelligence-equipped units are deployed or removed in a geo zone, a log is created and real-time data about the work zone is transmitted via email or SMS. Thus, all work deployments are logged. The digital data can be accessed via PC, smartphone or tablet at any time and from anywhere via a web portal.

Thanks to the intelligent networking of the material used, any impairment of the construction site equipment can thus be detected at any time and remedied immediately. This minimizes the risks for all road users. In addition, the regular maintenance and inspection trips can be planned more efficiently - in the event of damage, an alarm is triggered, and the construction site can be repaired immediately.



VERKEHRSSICHERUNG

## About AVS Verkehrssicherung

AVS Verkehrssicherung is a leading specialist provider of traffic safety services in Germany and Europe. The company is headquartered in Leverkusen and offers all essential services related to road safety projects. These include comprehensive advice and the necessary approval procedure for all traffic safety installations, as well as installation, marking work, maintenance & control runs, dismantling and demarking. AVS is represented throughout Germany at more than 30 nationwide locations. Internationally AVS has several locations in Denmark and Latvia. AVS employs around 900 people.

Further information can be found at: <https://www.avs-verkehrssicherung.de/en/>

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