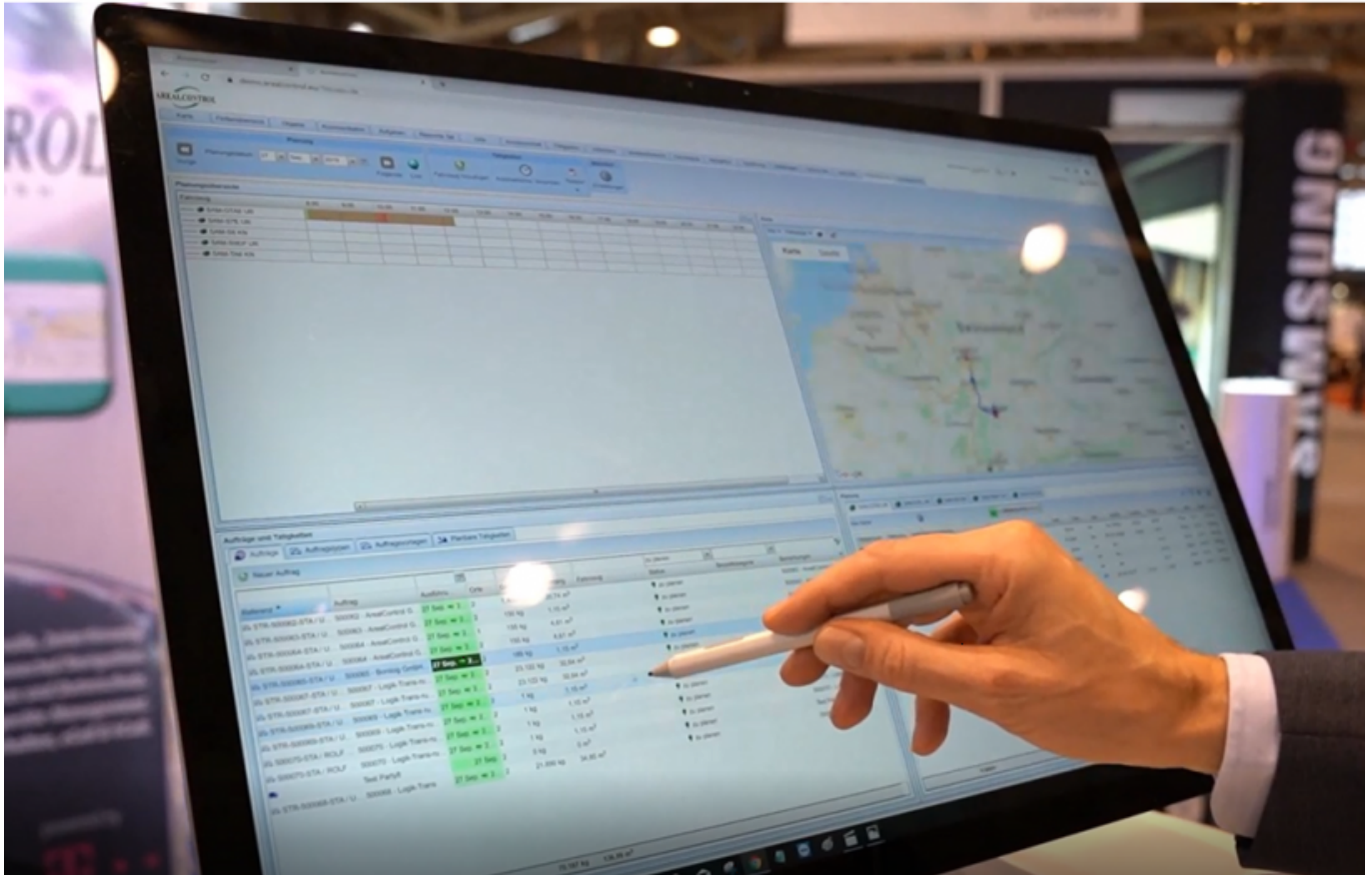




Digital PlanBoard with AI tour optimization. Detailed overviews with kilometers, time spent, activities and stops.

IMAGE SOURCE: Arealcontrol GmbH

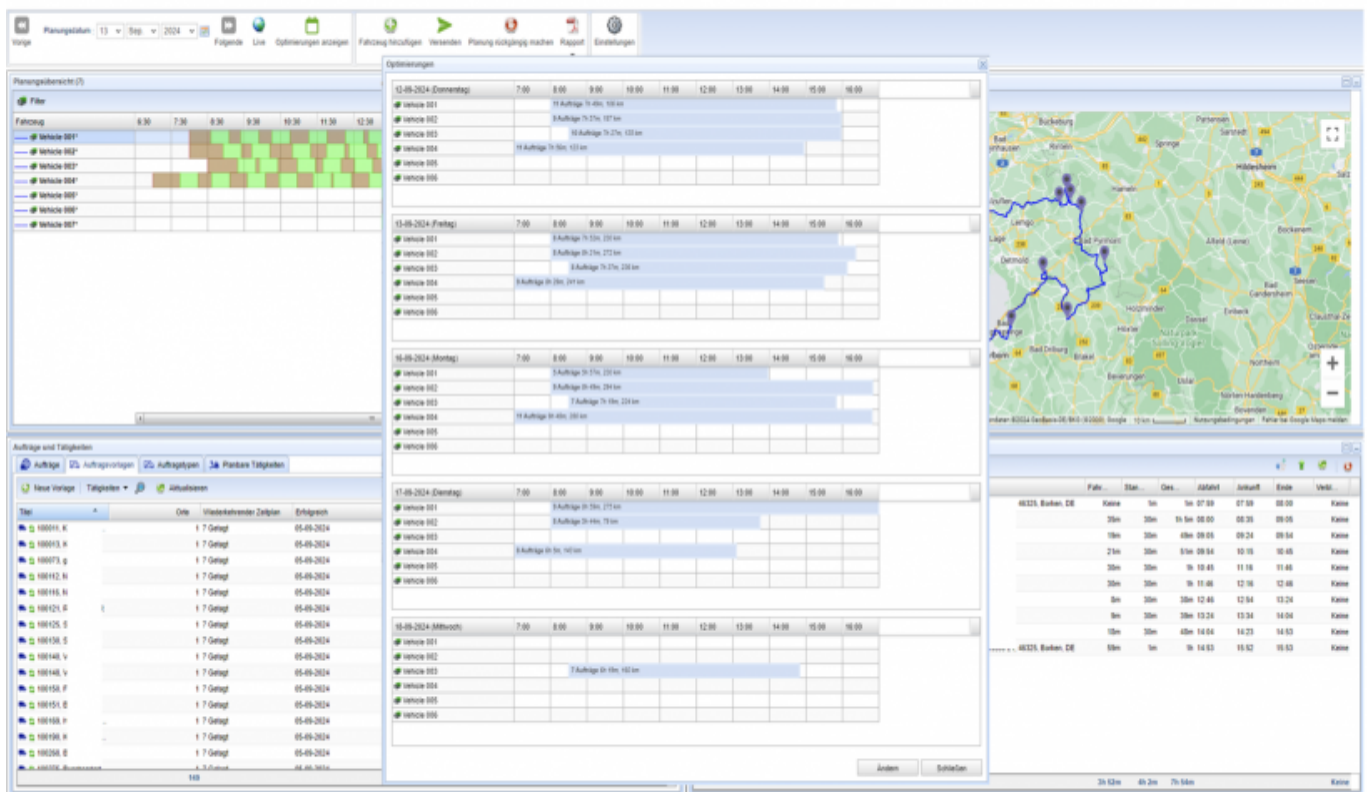
AI optimizes tours for service fleets

26 September 2024 by AREALCONTROL

The digital PlanBoard hosted in the private cloud in **Arealcontrol's** telematics portal now enables clear deployment planning of service vehicles with the help of artificial intelligence. This means that hundreds of service orders can be dispatched to the available service staff within minutes. Recurring orders are automatically generated and distributed to the staff one week in advance. Mixtures and ad hoc dispatch of emergency operations are also available.

Companies with service fleets face the daily challenge of using limited resources as efficiently as possible. With Arealcontrol's AI-supported route planning solution, capacities can be used optimally. This reduces costs while increasing customer satisfaction.

The PlanBoard shows the workload for each vehicle in the form of orders with stations, the time required and the distance to be covered. The highly dynamic system takes numerous variables into account, such as the available vehicles, the scheduling or route optimization. Each vehicle is optimized in terms of its location, capacity and already planned tours. Orders are assigned in such a way that the available working time per vehicle is optimally utilized. Intelligent route selection can minimize the distance to be covered, which simultaneously saves fuel and protects the environment.



Digital PlanBoard with AI tour optimization. Detailed overviews with kilometers, time spent, activities and stops.

IMAGE SOURCE: Screenshot Arealcontrol GmbH

"AI-supported route planning offers the possibility of relieving the specialist dispatcher as much as possible or even replacing him/her and handling more orders with the same number of vehicles and personnel. This not only means greater efficiency, but also significant savings of 15% to 25% of mileage, as has been proven in several

practical studies," says **Arealcontrol's Managing Director Ulric Rechtsteiner**.

The solution is flexible and scalable, which makes it attractive for different industries. The spectrum ranges from technical maintenance services in building or machine management to catering services and care services to delivery fleets in wholesale as well as transport and logistics. With this technology, companies can achieve higher resource utilization, significantly reduce operating costs and at the same time improve their ecological balance.

Short profile AREALCONTROL GmbH

AREALCONTROL GmbH is a provider of telematics & IoT solutions with optional GPS location and tracking as well as software for transport/logistics, trade, craft, construction companies and medium-sized industry, founded in 2003. Today, award-winning solutions for fleet and vehicle fleet needs are available in many applications and industries. Most recently, AREALCONTROL won 1st place in the German Telematics Prize 2024 and previously in 2022, category "Field Service", 1st place for service cars in 2018 and several 2nd and 3rd places in 2018 - 2020 in truck categories.

Source: Arealcontrol GmbH