



Central intelligence, VDA 5050 inclusive

Fleet manager NAVIOS: Simple to use, extensive in its possibilities.

Reliability



The combination of decades of market experience and ongoing research enables a good balance between innovative functions and a high level of stability, so that your system will be ready for use for years to come.

Customer-specific



Our team of highly-specialized requirement engineers will get to grips with your company personally in order to map your exact logistics solution over and above our standard functions.

Single point of contact



At DS AUTOMOTION, you get everything from a single source: This means that you can always contact us directly for inquiries about the software as well as the vehicles and do not have to search laboriously for the right contact person.

Compatibility



Thanks to our many years of experience, many standard interfaces are already represented in our software and integrated into our products. Reliable integration of third-party vehicles is no problem thanks to VDA 5050.

The central intelligence behind your load transportation system



Material flow control

Orders can be generated in a variety of ways: automatically via sensors; the comparison of target/actual stock levels and the definition of time windows, as well as manually via touch terminals, directly at the vehicle terminal or via the connection to an ERP system.

Through intelligent order optimization, the individual transport trips are linked together, held back where necessary, prioritized or rerouted to avoid congestion. In addition, in the event of short-term changes to the stations, these can even be adjusted during operation.



Storage and parking space management

In addition to material flow and fleet control, NAVIOS can also be used to implement warehouse or storage location management. Especially where precisely timed storage and collection of goods is necessary, you benefit from the fact that everything is mapped within one software and thus no communication difficulties can arise.

Fleet and energy management

Once an order has been received, NAVIOS uses the current order pool to check which vehicle is most suitable. This ensures that the individual vehicles are always sufficiently loaded, that there are no empty runs and that orders are completed as quickly as possible.

At the same time, routes can be dynamically recalculated at any time if, for example, orders with higher prioritization arrive or other vehicles have to use the same route. Route planning can also take place over several floors.

