Transportation Management

PSItms - Management of Resources

Central management of your internal and external transport resources: Drivers, vehicles, auxiliary equipment, capacities. The digital twin for all planning tasks

Resource management bundles information about transportation resources for all planning horizons. Resources can be managed in PSItms or connected via third-party systems and enriched with information relevant for planning such as e.g., time windows, loading restrictions or driver qualifications.

Functions

Management of
+ Vehicle types
+ Employees and qualifications
+ Auxiliary equipment (e.g., forklift, lift truck, etc.)
+ Equipment (mobile, handheld, etc.)
+ Operating times, time windows, location and holiday calendars
+ Schedule-bound transport (shuttle, train, ferry, ship, cable way, public transport, etc.)
+ Restrictions

PSI

How important is efficient planning of your transports to you?

An essential prerequisite for efficient planning and the sustainable realization of optimization potentials in transportation management is an exact mapping of aspects relevant for planning in the digital world. PSItms creates a digital twin of your transport resources of the digital geography and thus of all nodes and edges of your transport chain.

Resources are often managed in multiple systems in parallel. To achieve that data does not have to be maintained twice, PSItms allows both the leading management of the databases and the integration of third-party systems, e.g., from the areas of ERP, WMS or fleet management.

Facts

+ Specialized vehicle characteristics such as weight and volume capacities, parking spaces, restrictions, etc.
+ Restriction management for loading rules or prohibition of mixed loading
+ Storage space pattern and loading rules
+ Restriction rules for opening hours and qualifications

Your benefits

+ Digital twin for realistic transport planning and high user acceptance
+ Consistent restriction management between locations, resources, transport units, articles and products for valid planning results
+ Master data enrichment of data from third-party systems
+ Perfect planning and effective use of resources – the right know-how with the right equipment at the right place, at the right time, and in the right quality

PSI