

PEAK.LOCATE Locating System

Innovative vehicle location for maximum transparency
and efficient operation



Modern vehicle locating: your fleet always in sight

Accurate, bay-level localization of vehicles in the depot is the key prerequisite for optimal dispatching and safe vehicle provisioning in daily operations.


With PEAK.LOCATE, you maintain a complete overview of all vehicle locations on the depot premises at all times, noticeably reduce search times, whether for operations, the workshop, or servicing – and can manage dispatching flexibly and efficiently.


Our solution combines multiple technologies specifically designed to meet the requirements of depot environments.


Whether vehicles are parked in covered halls or in open outdoor areas, the system captures vehicle positions precisely and reliably and transfers the information seamlessly to downstream IT systems.


Benefit from a solution that covers outdoor areas and indoor zones alike, significantly reduces administrative effort, and provides full transparency at all times: from the current position to historical movement and driving data, all information is clearly available – ensuring smooth, safe, and efficient operation of your entire vehicle fleet.


Your benefits at a glance


 **Fast system start and intuitive commissioning**

 **Future-proof thanks to proven technology**

 **Transparency and control through real-time monitoring**

 **Remote control: Updates and restarts easily handled from afar**

 **Plug-and-play compatible with existing systems (e.g., Siemens RTLS)**

 **Easily expandable – for new areas and locations**



Our solution: precise – flexible – real-time

PEAK.LOCATE combines multiple components into a seamless system that perfectly meets your requirements. With this system, you benefit from maximum precision, future-proofing, and a robust foundation for the efficient operation of your entire fleet – whether bus or train, indoors or outdoors.



Vehicle components

Each vehicle is equipped with a dedicated unit that continuously collects position data. Outdoors, this unit uses GNSS receivers that leverage multiple global navigation satellite systems. Indoors (e.g., in a depot hall), location tracking is performed via ultra-wideband (UWB).



Precise positioning directly at the vehicle



Locating infrastructure for indoor areas

Where satellite signals are not available, such as in parking halls, workshops, or wash facilities, ultra-wideband (UWB) technology is used. With permanently installed UWB components, an accuracy of under one meter is achieved. The system ensures seamless transitions between the different areas, so your vehicles are reliably tracked anytime and anywhere.



Maximum precision, even indoors and in tunnels



Communication and processing

The captured position data is transmitted to the control center in real time via Wi-Fi and an encrypted, IP-based interface. There, intelligent filtering and plausibility-check mechanisms ensure that downstream systems receive a consistent, stable, and reliable operational picture.



Real-time data transmission for complete transparency



Integration and expansion options

Our open REST API enables straightforward integration into your depot management system as well as any other systems that require vehicle location data for their processes.



Easy integration and flexible scalability

Is your existing tracking system no longer available? Talk to us about a suitable migration strategy. Depending on the initial situation, parts of the solution are plug-and-play compatible with your existing infrastructure. Everything else is seamlessly integrated and mapped centrally via our software.

