

## Transparent Inventory in Real Time. Automated, Precise, Loss-free

With Smart Container Tracking, container shrinkage becomes a thing of the past. The solution provides complete transparency across all load carrier movements and ensures a reliably accurate inventory basis at all times. A wide variety of container types — including small load carriers (KLT), VDA containers, EPAL foldable crates, pallet lids, and large load carriers (GLT) — are automatically detected, uniquely identified, and precisely captured in a single pass. It makes no difference whether goods are incoming or outgoing: the system delivers real-time information on exactly what is currently in circulation.

Through the intelligent combination of object detection, classification, and automated counting, all load carriers are captured without manual effort and booked directly in or out of inventory. Even additional characteristics such as color variants or specific types are reliably distinguished. The integrated presence monitoring ensures that no movement goes undetected and every change in material flow is fully documented.



A key advantage lies in dynamic capture during movement. No process stoppages are required, making the solution ideally suited to high-frequency logistics environments. Whether at the truck gate or at central identification points in the warehouse (I-point), Smart Container Tracking integrates flexibly into existing processes and adapts to a wide range of application scenarios.

Via standardized interfaces, all captured data is seamlessly transmitted to higher-level systems such as ERP or SAP solutions, where it is immediately available for further processes. The result is a continuous, digital data flow that automatically updates inventory, reduces sources of error, and forms the basis for efficient, scalable container management.

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### Technical Highlights & Benefits

- **Load Carrier Identification:** Pallet lids and GLT (large load carrier) also supported  
Automatic counting process & inventory booking in/out
- **Flexibility:** Deployable at the truck gate as well as at the I-point  
Dynamic capture, no downtime required
- **Benefits:** Maximum inventory accuracy at consistent throughput  
No manual data capture required
- **Interface:** To higher-level systems (ERP, SAP, etc.)