

Fleet Management with SAP

Smart Control for Vehicle Fleets

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With its latest innovation, FlexGuide4, Flexus demonstrates how digital intelligence can elevate fleet management to a whole new level—while seamlessly integrating into the SAP ecosystem.



With FlexGuide4, hybrid fleet management comes to life.
(Image: Jan/stock.adobe.com (created with AI))

For years, Flexus has been recognized as a top SAP partner when it comes to streamlining intralogistics operations. The FlexGuide solution—trusted by global customers for years—has set the standard for managing forklifts and tugger trains. Now, with FlexGuide4, the software provider introduces a major upgrade: a platform that brings both conventional and autonomous fleets together into one smart solution. Whether it's forklifts, tugger trains, or

Autonomous Mobile Robots (AMR): All units communicate through a unified interface, with logic that adapts dynamically to ongoing operations. With this, Flexus dissolves the old division between manual and automated systems—paving the way for a new era in intralogistics.

Centralized intelligence instead of isolated systems

The real leap forward lies in centralized order management. FlexGuide4 uses a shared order pool to instantly assign transport tasks to the best available resources—automatically, transparently, and by priority. The system tracks workloads, vehicle locations, and priorities, intelligently distributing assignments. If a vehicle goes offline, transport jobs are seamlessly reassigned—no human intervention needed. Intralogistics requires systems that not only react, but anticipate. That's exactly what FlexGuide4 delivers: its advanced traffic management minimizes congestion, delays, and empty runs—boosting efficiency.

Scalable, Secure, SAP-Native

Another strategic edge: FlexGuide4 is built entirely on the SAP Business Technology Platform (BTP). This means the solution can be deployed rapidly and scaled flexibly—whether you're starting fresh or expanding an existing SAP setup. Businesses benefit from automated deployments, reduced maintenance costs, and full cloud compatibility. Fleet management effortlessly integrates new vehicles—ranging from traditional forklifts to cutting-edge service robots—without extra installation work. The system grows alongside your company and can be expanded modularly as new processes, technologies, or locations are added.

Open to Standards—Ready for Tomorrow

Flexus is fully committed to the principle of openness. FlexGuide4 supports the VDA 5050 interface, the established industry standard for communication between control systems and autonomous transport vehicles. This makes it easy to integrate AMRs from different providers. At the same time, Flexus offers manufacturer-specific connectors for systems operating outside of standard protocols. This level of technological openness goes beyond convenience—it ensures investment security in a rapidly evolving market.

Expand your vehicle fleet with flexibility

Companies can scale their fleets without being tied down to proprietary systems—a significant edge in today's digital transformation. Flexus combines top-tier technology with deep SAP expertise. The team from Würzburg doesn't just see themselves as software providers, but as strategic partners to their clients. From process analysis to implementation and ongoing support, Flexus guides businesses through every step of their digital journey. Training, maintenance, and regular updates—all from a single source. Clients especially value the team's ability to enhance existing SAP EWM processes in ways that deliver instantly measurable efficiency gains.

People remain at the center

No matter how automated things get, one thing stays the same: people are the key decision-makers in the process. FlexGuide4 eases their workload by handling routine tasks, brings greater transparency, and puts control back where it belongs—right at the intersection of technology and Organization. In many companies, mixed fleets of automated and manual vehicles will continue to be the norm. Flexus has fully embraced this hybrid approach: FlexGuide4 manages forklifts, tugger trains, robots, and even manual tasks within one unified platform—no switching between systems, no extra software required. The blend of SAP integration, smart order management, and open technology architecture makes FlexGuide4 a future-proof investment.