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EPG ONE TMS: PLAN, MANAGE, AND SETTLE TRANSPORTATION PROCESSES END TO END

Transportation does not end with route planning. Orders need to be received from upstream systems, capacities and service providers determined, routes dispatched, execution and delivery documented, and costs checked and settled. EPG ONE TMS supports transportation processes from order receipt and planning to execution, tracking and settlement. Relevant transportation data and operational feedback help dispatchers, customer service teams and accounting teams coordinate their tasks and maintain visibility throughout the process.

TRANSPORTATION CONTROL TOWER

The Transportation Control Tower supports centralized visibility and coordination across planning, execution, tracking and settlement. EPG TIMESQUARE visualizes relevant transportation data, events and KPIs. EPG AURA Orchestrator brings events, priorities and process dependencies into context. With EPG AURA Communicator, authorized users can access information from connected data sources through natural-language questions.

For example: “Which shipments scheduled to depart within the next hour are not yet ready for loading?”

Depending on the configured use case, the Transportation Control Tower supports responsible teams with alerts and recommendations. Agentic AI can gather additional context and coordinate follow-up steps within defined rules and approval processes. Answers and actions depend on available data, connected systems and user permissions.

TRANSPORTATION MANAGEMENT FOR YOUR OPERATIONAL REQUIREMENTS

Own and Dedicated Fleets

EPG ONE TMS supports the dispatching of orders, vehicles, drivers and routes. Delivery time windows, vehicle capacities and service requirements are considered in planning. Before routes are released, dispatchers can adjust assignments to changing requirements. Released routes and driver tasks can be provided through the EPG ONE App.

Transportation with External Carriers

For shippers, EPG ONE TMS supports the coordination of transportation orders, suitable carriers and services. Functions cover carrier selection, shipment data exchange, tracking, freight cost calculation and invoice verification. The EPG ONE Carrier Management System complements carrier-based shipping processes with carrier connectivity and shipping execution.

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THE END-TO-END TRANSPORTATION PROCESS

1

Receive and Plan Orders

Transportation orders from ERP, WMS and other systems are consolidated to determine capacity needs and assign vehicles, routes or external providers. For own or dedicated fleets, the Greenplan Engine optimizes routes, stop sequences and start times based on capacities, delivery windows and time-dependent traffic profiles.

2

Execute Transportation

Orders and routes are provided to drivers or external partners. The EPG ONE App supports mobile workflows and on-site documentation, even offline. For carrier-based shipping, the EPG ONE Carrier Management System generates shipping and return labels and transmits shipment data to carriers.

3

Check Freight Costs and Settle Transportation

Freight costs are calculated from agreed rates, surcharges and recorded services. Carrier invoices are checked for discrepancies before data is transferred to financial systems. The EPG ONE Carrier Management System supports carrier-related cost management, while EPG ONE CnB complements billing and credit-note workflows.

4

Track Status and Document Deliveries

Available vehicle positions, shipment statuses and arrival estimates help dispatchers identify delays and assess their impact. Digital proof of delivery makes handovers traceable through signatures, photos and exception records. Carrier integrations, tracking portals and automated notifications keep customers informed where required.

EPG ONE TMS AT A GLANCE

- Management of transportation orders, routes, vehicles and capacities
- Planning and dispatching for own or dedicated fleets, and coordination of transportation with external carriers
- Route and tour optimization with the Greenplan Engine
- Carrier selection, shipping execution and connectivity to more than 300 carriers through the EPG ONE Carrier Management System
- Mobile execution, digital checklists and proof of delivery with the EPG ONE App
- Status tracking, ETA monitoring and, for carrier-based shipping, customer notifications and tracking portals
- Visibility across ongoing transportation, exceptions and KPIs through the Transportation Control Tower
- Freight cost calculation, invoice verification and handover to financial processes
- Integration with ERP, warehouse management and other existing systems

EPG ONE TMS AS PART OF CONNECTED LOGISTICS

EPG ONE TMS can operate as a standalone solution and integrate with existing system landscapes. Further EPG applications support the relevant stages of the transportation process: EPG ONE OMS provides structured transportation orders, Greenplan optimizes routes, the EPG ONE App supports mobile execution and the EPG ONE Carrier Management System enables carrier-based shipping processes. EPG ONE CnB complements commercial processing.

EPG TIMESQUARE provides operational visibility. EPG AURA Communicator and Orchestrator add natural-language access to connected information and support coordinated responses to operational events. The applications and integrations deployed depend on the processes and requirements of each project.

LEARN MORE ABOUT EPG ONE TMS

Discover how EPG ONE TMS can support your transportation processes end to end. Scan the QR code for more information.