

TRACELINK UNIVERSITY

Shipment transaction

The Shipment transaction represents a shipment-level document that consolidates one or more outbound or inbound deliveries into a single transportation unit, complete with defined routes, stages, carrier information, and planned dates. Rather than focusing on individual deliveries, the Shipment document enables end-to-end communication about the full shipment, forming a core part of transportation integration in SAP environments.

Generated from SAP Logistics Execution–Transportation (LE-TRA), the Shipment document is used to share shipment details with external systems such as Transportation Management Systems (TMS), carriers, third-party logistics (3PL) providers, or other SAP instances. Once a shipment is created or updated in SAP and the relevant output conditions are met, the system triggers the Shipment message. This message includes critical data such as header details, route and stage information, and references to related deliveries. External systems use this information to plan, execute, and track shipments, as well as support freight costing and logistics performance.

In bidirectional integrations, external systems can also send updates back to SAP—for example, confirming carrier assignments or updating delivery dates—ensuring real-time synchronization and data consistency across platforms. This flow reduces manual effort, improves responsiveness, and enhances supply

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chain accuracy.

The Shipment transaction is typically triggered after deliveries have been grouped into a shipment and integration with external transportation systems is required. It supports a wide range of transportation processes by enabling:

- Shipment-level visibility across systems
- Accurate route and carrier planning
- Automated handoffs to carriers and TMS platforms
- Improved freight cost accuracy through early data sharing
- Scalable, high-volume shipment processing
- Consistent, synchronized logistics data across all stakeholders

By implementing the Shipment message, organizations can simplify complex logistics operations, enhance operational visibility, and enable more efficient, automated transportation workflows across the extended supply chain.

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