



dab Data Products

dab Data Products – Delivery

Customer Brochure



dab Data Product Delivery

helps organizations **unlock the full value of their outbound logistics data by transforming complex SAP delivery information into clear, actionable business intelligence.** Our solution consolidates delivery documents, item details, customer information, and shipping data into a structured, analytics-ready format – empowering logistics, sales, and supply chain teams to make informed decisions without technical complexity.

Delivery document management is critical for warehouse and shipping operations. An on-time goods issue rate of 95% and above is considered excellent, yet the median organization achieves only around 90% perfect order performance – meaning **10% of orders encounter some type of problem during fulfillment.**¹ Even more significant, **approximately 25% of customers will switch retailers if delivery expectations are not met.**² These statistics highlight the importance of having visibility into your goods issue and shipment operations.

Common delivery challenges include delayed goods issue, incomplete shipments, quantity discrepancies, and poor coordination between sales orders and warehouse operations. Without unified visibility across the order-to-shipment process, organizations struggle to

identify bottlenecks, measure warehouse performance accurately, and support orders leaving the facility on time.

Our solution addresses these challenges by providing a **unified view of delivery document data, translating technical SAP codes into business-friendly terms.** This enables you to analyze goods issue performance, track shipment completion, monitor order fulfillment, and identify issues affecting shipping operations.



25%

of customers will switch retailers if delivery expectations are not met.

Designed for logistics managers, warehouse supervisors, supply chain directors, and shipping coordinators, dab Data Product Delivery supports measurable outcomes: improved goods issue rates, better warehouse coordination, and enhanced shipping performance.

Getting started is straightforward: we assess your SAP environment, demonstrate the solution with your data, and implement a tailored plan.

¹ <https://www.metrichq.org/difference/on-time-delivery-vs-perfect-order-rate/>

² <https://nextbillion.ai/blog/understanding-on-time-delivery>

Table of Contents

- Overview dab Data Product Delivery 4
- Delivery Header Data (LIKP)5
- Delivery Item Data (LIPS)5
- Customer Master Data (KNA1 & KNVV).....5
- Customization (T-Tables)6
- Analytical Capabilities (dab AnalyticSuite)6
- Use Cases..... 8
- Summary and next Steps10

Overview dab Data Product Delivery

The dab Data Product Delivery **unifies your goods issue and shipment landscape across sales organizations, plants, and distribution channels**. It removes data silos by standardizing your SAP delivery document structures into a consistent, analytics-ready model that business users can easily understand.

It provides visibility into delivery documents, shipped quantities, customer relationships, and goods movement status from the warehouse perspective. The solution harmonizes definitions for delivery types, shipping methods, document categories, and organizational units, creating a common language for warehouse and shipping activities across the organization. It provides consistent, multi-dimensional reporting that supports shipping optimization, improves warehouse performance, and enables better supply chain management.

The solution is structured around the following core components, which together provide unified outbound logistics visibility:

- **Delivery Header Data (LIKP)** captures the overall delivery information including delivery date, ship-to customer, sales organization, and shipping conditions.

- **Delivery Item Data (LIPS)** provides detailed line-item information including materials, delivered quantities, plants, and references to originating sales orders.

-
- **Customer Master Data (KNA1 & KNVV)** enriches delivery data with customer names, addresses, account groups, and sales-specific settings like Incoterms.

-
- **Customization (T-Tables)** provides the business meanings behind delivery types, shipping methods, sales organizations, and other critical configuration settings.

By linking these components into a unified model, you gain visibility into goods movements that helps you improve warehouse efficiency, reduce shipment delays, strengthen order fulfillment, and maintain better operational oversight – while reducing manual effort and improving shipping performance.

Delivery Header Data (LIKP)

The Delivery Header provides the essential context for outbound shipment documents. **It records when the delivery document was created, the planned delivery date, the actual goods movement date (when goods were physically issued from the warehouse), and the ship-to customer.** Additional details include the sales organization, delivery type, shipping conditions, Incoterms, and any billing blocks that may affect invoicing.

These attributes form the governance layer for your shipping processes, providing traceability and accountability. You can see which deliveries have completed goods issue, track shipping methods used, monitor delivery document volumes by organization, and understand the gap between delivery document creation and actual goods issue.

You can identify delays in goods issue processing, verify shipping compliance, track performance across different sales organizations and plants, and improve warehouse planning by understanding typical processing times and patterns.

Delivery Item Data (LIPS)

This section provides detailed, line-level information about each item within your deliveries. **It shows**

what was shipped – including material numbers, descriptions, delivered quantities, and sales units. The data also captures the plant from which goods were shipped, as well as references to the originating sales order documents.

The data **includes important logistics details such as goods movement status at both the item and document level, showing pick, pack, and ship status.** It also captures references to material documents created during goods issue, enabling complete traceability from order to physical shipment.

You can analyze which materials have the highest delivery volumes, how quantities flow from orders to shipments, which plants handle the most activity, and how delivery items connect back to their source sales orders.

Customer Master Data (KNA1 & KNVV)

This section **enriches delivery data with detailed customer information.** It includes customer names, addresses, countries, and account group classifications. The data distinguishes between different partner roles such as ship-to parties (where goods are delivered) and sold-to parties (who placed the order), providing a complete picture of customer relationships.

Sales-specific customer data includes Incoterms agreements, sales office assignments, and trading partner information for inter-company deliveries. These details enable analysis of delivery performance by customer segment, geographic region, or contractual arrangement.

You can analyze shipment patterns by customer or customer group, identify which customers have the highest shipment volumes, understand regional shipping distribution, and support customer service teams with complete shipment history for customer inquiries.

Customization (T-Tables)

This section **provides the business context behind technical SAP codes by translating them into meaningful descriptions.** It includes delivery type descriptions, shipping type names, sales organization texts, distribution channel descriptions, and division names that make reports immediately understandable.

These configuration tables make reports and analytics understandable to business users who may not be familiar with SAP technical codes. For example, instead of seeing delivery type "LF," users see "Delivery." Instead of cryptic shipping codes, they see actual shipping method descriptions. Material group and sales document type

descriptions provide additional context for analysis.

This enables logistics managers, sales teams, and executives to explore delivery data without requiring SAP expertise. It supports cross-functional collaboration, improves data accessibility, and helps insights are actionable by the people who need them most.

Analytical Capabilities (dab AnalyticSuite)

The dab Data Product Delivery integrates seamlessly with our comprehensive **dab AnalyticSuite to deliver immediate, actionable insights across five key dimensions:**

1 Goods Issue Performance Analysis: Monitor goods issue completion rates across sales organizations, plants, and time periods. Track the gap between delivery document creation and actual goods movement to identify processing delays and improvement opportunities.

2 Order-to-Shipment Tracking: Analyze the flow from sales orders to delivery documents to goods issue. Track fulfillment rates, partial shipments, and open order quantities to support customer

orders are shipped complete and on time from the warehouse.

3 Warehouse Performance Monitoring: Track goods movement status at document and item level. Identify deliveries pending goods issue, monitor completion rates, and measure warehouse processing efficiency across different facilities.

4 Customer Shipment Analysis: Analyze shipment volumes and patterns by customer, customer group, and region. Identify which customers receive the most shipments, typical order sizes, and specific shipping requirements.

5 Plant & Shipping Method Analytics: Compare shipment performance across plants, shipping types, and distribution channels. Identify capacity constraints, optimize shipping method selection, and balance workload across fulfillment locations.

Customization & Integration Capabilities: Our AnalyticSuite adapts to your specific business requirements, integrating seamlessly with ERP systems, warehouse management tools, and reporting platforms such as Power BI and Excel. Pre-built dashboards provide instant visibility, while custom analytics can be configured to address unique organizational needs.

The combination of standardized delivery document data with advanced analytics capabilities enables you to transform warehouse and shipping operations from an operational function into a strategic performance advantage.

Use Cases



Goods Issue Completion & Warehouse Efficiency

Challenge: Reducing the time between delivery document creation and goods issue improves warehouse throughput and helps orders ship promptly.

Questions answered:

- What percentage of delivery documents finish goods issue within target timeframes?
- Which plants or shipping types have the longest processing times from document creation to goods issue?
- What is the average time between planned delivery date and actual goods movement?

Use Case #1

A consumer goods distributor discovered **one facility took 2.5 days from document creation to goods issue versus 0.8 days at other warehouses**. Implementing same-day goods issue procedures **reduced processing time by 65% and improved on-time shipment rates by 18%**.



Shipment Completeness & Partial Delivery Reduction

Challenge: Reducing partial shipments lowers freight costs and improves customer satisfaction by shipping full orders.

Questions answered:

- What percentage of deliveries have been shipped completely versus partially?
- Which materials or product groups have the highest rates of partial shipment?
- How do shipped quantities compare to ordered quantities by customer and material?

Use Case #2

A wholesale distributor found **22% of deliveries were partial shipments**, creating additional freight costs and complaints. Improving inventory accuracy and implementing order consolidation rules **reduced partial shipments to 8% and cut freight costs by \$340K annually**.



Delivery Document Quality & Processing

Challenge: Ensuring orders generate delivery documents and finish goods issue prevents revenue recognition delays and billing issues.

Questions answered:

- Which delivery documents are blocked for billing or goods issue?
- What is the complete document flow from order to delivery to goods issue to invoice?
- How many delivery documents are created but not yet processed each day?

Use Case #3

A manufacturing company discovered 3% of sales orders failed to generate delivery documents due to master data errors. Implementing validation checks and fixing missing shipping points **reduced errors by 92% and accelerated order processing by 2 days.**



Multi-Plant Performance & Capacity Planning

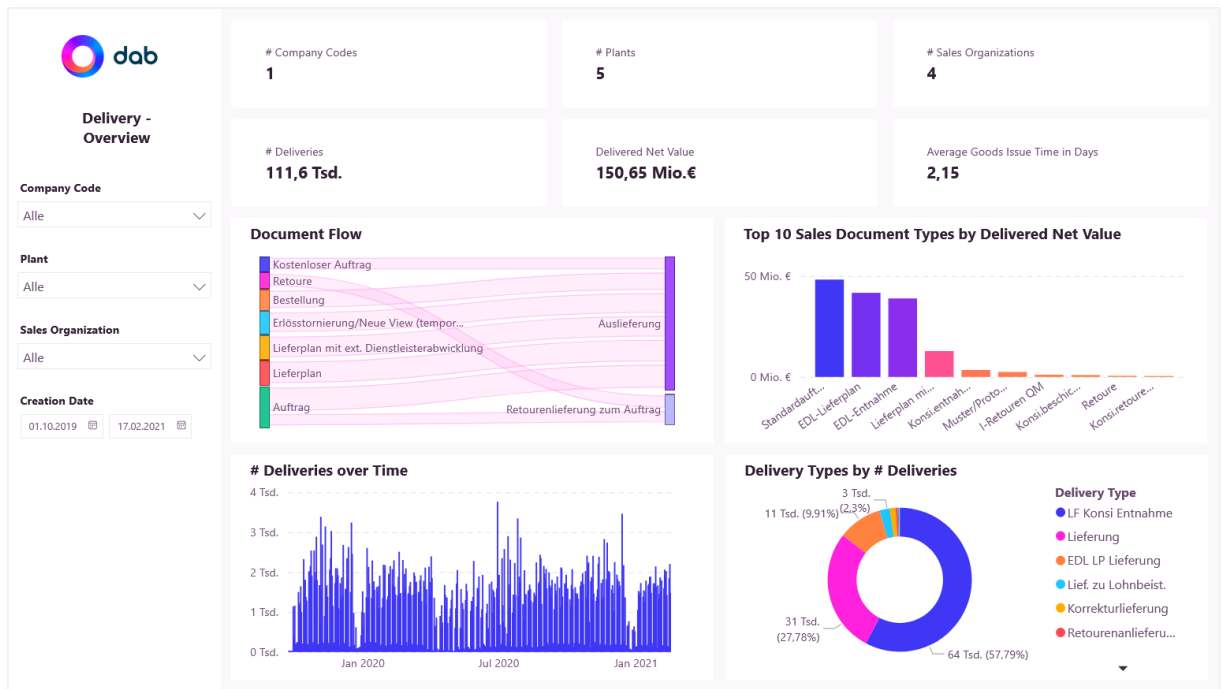
Challenge: Understanding shipment patterns by plant enables better resource allocation, capacity planning, and workload balancing.

Questions answered:

- How are shipment volumes distributed across plants and shipping types?
- Which plants have the highest goods issue efficiency and shortest processing times?
- Are there capacity constraints based on shipment volume trends?

Use Case #4

A building materials company discovered Plant A processed 40% of shipments while Plant B handled just 15%, despite similar capacity. Rebalancing workloads **reduced overtime costs by \$180K annually and improved average delivery speed by 24 hours.**



Power BI Report "Data Product Delivery" Page "Overview" displaying key metrics along with visual breakdowns of relevant information.

Summary and next Steps

This Data Product transforms your delivery document data into actionable intelligence that drives real business outcomes. It connects delivery headers, item details, customer data, and organizational structures into a unified view that reveals opportunities hidden in your warehouse operations.

The solution helps you speed up goods issue processing, reduce partial shipments, catch missing delivery documents early, and balance workloads across plants – while presenting information in business-friendly language accessible without SAP expertise.



Key Benefits include:

- Complete transparency across delivery documents, from order to goods issue
- Multi-dimensional analysis of shipment volumes, timing, and warehouse performance
- Clear visibility into shipment patterns and fulfillment completeness from the warehouse
- Improved warehouse planning with plant and shipping type performance insights
- Better decision-making based on accurate, harmonized delivery document data

Ready to transform your delivery operations? Our implementation approach makes it easy to get started:

1 Assessment: We evaluate your SAP environment and delivery management requirements

2 Demonstration: See the solution in action with your actual data

3 Implementation: We configure a tailored solution in your environment

4 Activation: Gain immediate access to 10+ predefined Delivery analyses and an interactive Power BI report

Contact us today to discover how **dab Data Product Delivery** can help you achieve better goods issue rates, improved warehouse performance, and enhanced shipping efficiency across your organization.

Contact Information:

✉ sales@dab-gmbh.de

🌐 www.dab-europe.com