

Courier, express and parcel provider (CEP) - integration in SAP ERP



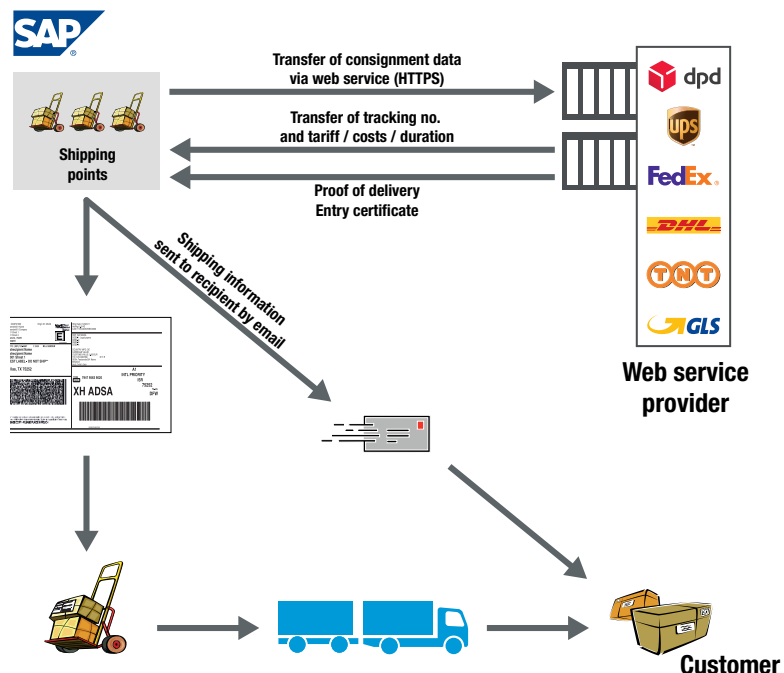
NEW Integration of shipping companies via web service

Advanced Applications GmbH is the SAP Partner for manufacturing industries: High-Tech, Medical Engineering, Automotive, Mechanical Engineering, Plastics and Process / Pharmaceuticals.

With a comprehensive service portfolio, Advanced Applications covers all services along the value chain: Process Consulting, SAP Application Support, SAP Development, SAP Implementation, Analytics, SAP Maintenance and SAP Hosting / Cloud Services (Plan - Build - Run).

Mastering and optimizing the entire logistics chain – from supplier to end customer – is increasingly critical for market success. Yet despite companies' best efforts to make their logistics chains as efficient as possible, there are still frequent disruptions on the journey of goods from shipping point to customer. Until now, there has been no holistic, transparent CEP solution in the SAP standard portfolio. Individual interfaces in the logistics chain generally lead to limited transparency, long latency periods, less flexibility in terms of choice of CEP provider and, as a result, higher shipping and process costs. In addition to these operational disadvantages in process-critical subsystems, supporting and maintaining the relevant interfaces and subsystems requires increased time and effort in terms of IT.

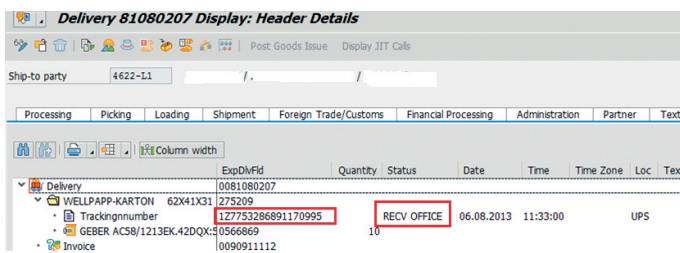
The "CEP Integration" solution from Advanced Applications GmbH is fully integrated in the SAP process. Even proof of delivery – the EU entry certificate required in accordance with §17a of the German VAT Implementation Act (UstDV) – is automated within the solution.



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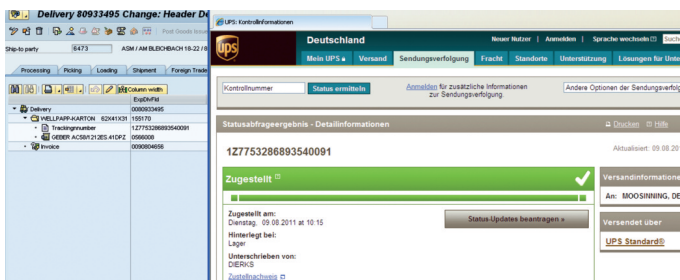
The user works with SAP standard processes, and communication with the CEP provider's web service takes place automatically. In fact, with CEP Integration from Advanced Applications GmbH, the entire process can be automated – from creation of the delivery in the system to shipping the goods. The functionality of the SAP ERP standard remains in place and is fully supported. Which means users can use the SAP transactions they're already familiar with.

Shipping data can be quickly accessed, and is completely transparent, in SAP ERP. Double clicking on the tracking number opens a new browser showing the current delivery status at the CEP provider.



The screenshot shows the SAP 'Delivery 81080207 Display: Header Details' window. It features a navigation bar with tabs for Processing, Picking, Loading, Shipment, Foreign Trade/Customs, Financial Processing, Administration, Partner, and Text. Below the navigation bar is a table with columns: ExpDmFid, Quantity, Status, Date, Time, Time Zone, Loc, and Text. The table contains one main entry for 'Delivery' with ExpDmFid '0081080207' and Quantity '10'. A sub-entry for 'WELPAPP-KARTON' is expanded, showing a tracking number '127753286891170995' (highlighted with a red box) and a status 'RECV OFFICE' (also highlighted with a red box). Other sub-entries include 'GEBER ACS8/1213EK-42DQX:50566869' and 'Invoice' with number '0090911112'.

There's no longer any need for additional subsystems to connect CEP providers to the relevant interfaces. There is also an optional solution for automatically identifying the most cost-effective CEP provider/processing incoming invoices and verifying VAT ID numbers.



The screenshot shows the SAP 'Delivery 80933495 Change: Header Details' window. It features a navigation bar with tabs for Processing, Picking, Loading, Shipment, Foreign Trade, and Text. Below the navigation bar is a table with columns: ExpDmFid, Quantity, Status, Date, Time, Time Zone, Loc, and Text. The table contains one main entry for 'Delivery' with ExpDmFid '0080933495' and Quantity '1'. A sub-entry for 'WELPAPP-KARTON' is expanded, showing a tracking number '127753286893540091' (highlighted with a red box) and a status 'Zugestellt' (highlighted with a green box). Other sub-entries include 'GEBER ACS8/1213EK-42DQX:50566869' and 'Invoice' with number '000084658'.

Specifically, the new solution offers:

- Connectivity with all well-known CEP providers
- A central solution for all shipping points defined in SAP ERP
- Potential for bulk changes to optimize tariffs
- Integration of tracking data, tariffs/costs, shipping duration and delivery status in the SAP process
- Automated email notifications to goods recipients
- Access to the shipping status at the CEP provider via a link from the SAP transaction
- Predefined interfaces, mappings, labels and shipping documents
- Standard printer connectivity
- Release protection and updates
- Ongoing support
- A consulting solution, provided within SAP transports
- Optional automated processing of incoming invoices from CEP providers
- Optional automated verification of VAT ID numbers
- Entry certificate integration and automation

Entry certificates

An entry certificate enables the forwarder or shipping company to prove that the relevant goods arrived safely in the EU member state. To document VAT-exempt EU deliveries for financial authorities, the recipient should confirm receipt of the goods.

This is also taken into account in the CEP Integration for SAP solution from Advanced Applications GmbH. The shipment status is transmitted to SAP by the CEP provider (UPS, Fedex, DHL, DPD, etc.) via web service. This status is then documented and automatically filed under the delivery.