BD|SENSORS optimizes its shipping logistics

Customer

- BD|SENSORS GmbH

Region

- Germany

Industry

- Measurement technology

Department

- Logistics, warehouse

Abstract

The innovative company BD|SENSORS has digitized and automated its shipping processes based on SAP with Shipping Manager. Within eight weeks, the solution was up and running and delivering tangible results. Significant savings in handling costs have been achieved in sales and warehouse logistics, and error-free automatic data processing has led to a considerable reduction in the return rate of shipped goods.

Shipping Manger reduces time expenditure and risk of errors

In the 25 years since its founding, the medium-sized family business BD|SENSORS has developed into one of the most innovative suppliers of electronic pressure measurement technology and hydrostatic level measurement technology for industrial applications.

Automation of labeling

The company's high level of innovation is also reflected in the consistent digitization of processes in-house. Significant potential for optimization was identified in the area of shipping logistics. Following the completion of the conversion from SAP ERP to S/4HANA, the packaging and shipping department was therefore to be modernized based on the new system. The first step was to fully automate the manual creation of shipping labels. The aim was, on the one hand, to reduce the time required for manual data entry and analog process steps. At the same time, this was also intended to eliminate a potential source of errors and the associated follow-up costs.

Quick wins with Shipping Manager

BD|SENSORS decided to implement the SAP-certified Shipping Manager solution, which integrates seamlessly into the company's SAP S4/HANA environment. The cloud solution uses the web services of established CEP and freight With Shipping Manager, the company saw an opportunity to quickly establish the urgent connection to the UPS portal while keeping all options open for the future to integrate additional service providers or easily switch contract partners.

Measurable increase in efficiency

The project manager also highlights the automated packing table as a key advantage of Shipping Manager. Picking, packing, and posting in SAP is done simply by scanning the barcodes on the shipped goods. Using the relevant data from SAP and UPS, the system generates shipping labels, delivery notes, and other documents. This saves BD|SENSORS a considerable amount of time: two employees who are responsible for shipping in the sales department now need one hour less per day than before.

- Implementation in 8 weeks
- Packaging and shipping digitized and automated
- Fully automated shipping labeling
- Cross-departmental logistics processes simplified
- Digital shipping documents available centrally
- Increased transparency and efficiency
- Minimized risk of errors and associated costs
- Easy comparison and switching of service providers
- Flexibly scalable cloud solution

„"The Advanced Applications team implemented Shipping Manager at our company in a short period of time. The shipping process has been simplified to such an extent that two responsible sales employees save one hour of work per day. In addition, the process has been digitally mapped, which is very convenient."

Roman Vavrinek
Process Optimization
BD|SENSORS GmbH

Digitization simplifies the entire process

In addition to automated documents, other logistics processes have also been optimized across departments . The mere fact that paper documents no longer need to be carried back and forth between sales and warehouse logistics because digital documents are centrally available to everyone makes work much easier. Since all the necessary data from the service provider, such as freight costs, is directly included in documents such as delivery notes and invoices, the feedback loops between warehouse, sales, and accounting that were common in the past are no longer necessary. All departments involved are also relieved of manual routines. Another important added value is the digital confirmation of arrival. This is automatically generated upon delivery of the shipped goods and stored in SAP. A clear monitor shows an overview of all EU-internal deliveries with the respective documents.

Transparency across all shipping processes

Shipping Manager enables transparent monitoring of shipping processes. All shipments and associated documents are displayed as SAP transactions in a central control center. This means, for example, that the sales department can provide customers with up-to-date information, and BD|SENSORS management can regularly check the current status. The central process overview, which Shipping Manager also offers evaluation options for, is also an ideal basis for optimizing performance and costs.

Correct processing avoids additional costs

The shipping process and all related processes are much faster and easier with Shipping Manager. It is also important to note that the reduction in manual work steps has also greatly reduced the risk of errors. In addition to eliminating the effort involved in searching for documents and troubleshooting, returns due to incorrect addresses, incorrectly calculated or uncalculated freight costs, or impending sales tax back payments due to missing

Fast implementation, expansion as needed

As a ready-made cloud solution, Shipping Manager was implemented at BD|SENSORS in just eight weeks and adapted to the company's specific requirements. Roman Vavrinek, the project manager responsible at BD|SENSORS, emphasizes the good cooperation with the Advanced Applications team. The solution will initially be used at the headquarters in Thierstein. A rollout to other locations of the internationally active group of companies and the integration of additional CEP service providers is being considered and is currently being reviewed.

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