

## Access to information benefits all processes and parties

■ ■ ■ ■ Dachser is an international freight and logistics service provider with 18,100 employees worldwide and an annual turnover of €3.6 bn Euro. Their business model rests on three pillars: European Logistics, Air & Sea Logistics and Food Logistics. At their 305 locations, they move about 43.3 million consignments weighing a total of 29.1 million tons. A high level of IT-expertise, the worldwide integration of logistics services and the state-of-the-art infrastructure are the strengths of Dachser.

The GS1 Serial Shipping Container Code (SSCC) plays a crucial role in all Dachser processes along the whole supply chain. This GS1 Identification Key has become an indispensable tool for all participants in warehousing and transport processes. In 1994, Dachser became the first logistics provider worldwide to establish the comprehensive usage of the GS1 SSCC across the entire logistics chain.

Dachser deployed MDE (Mobile Data Capture) devices and pen-keys (mobile computers) as a logical part of a programme of automation and standardisation of logistics and information processes. There are now more than 9,100 of these devices in use at Dachser. This figure explains the great importance of the barcode: indeed, barcodes support all the logistical processes along the entire supply chain and are essential for all of Dachser's work.

Data input is done using the internationally recognised GS1-128 BarCode Symbology and the GS1 SSCC Identification Key. The GS1 GTIN also enables absolute control of commissioning in the warehouse. The GTIN is a unique key used to identify individual articles.

For transport, the SSCC is used by the sender. It acts as the basis for the use of automated warehouse management systems and simplifies control and accounting processes between service providers and customers. The recipient of the SSCC can, in turn, easily control and manage

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the incoming storage processes efficiently. At Dachser the SSCC is the basis for seamless tracking and tracing, and also meets the legal requirements for identification and traceability. In this way, all parties benefit from the consistent use of the SSCC.



Beginning right from order entry, the SSCC becomes a unique reference on the multi-language label. From the moment a shipment is dispatched, all stakeholders can retrieve its latest status simply by keying the SSCC into the Dachser eLogistics portal without needing to register or login. Registered users, however, can also find detailed information on all shipments, and access archived delivery receipts and delivery notes. If a problem occurs (for example improper packaging), the customer can even access the photo documentation stored in the portal and immediately take action.



The centre of all information flows is the EDI Center developed and operated by Dachser themselves. It is the central communication platform between Dachser and their business partners that enables connection and optimisation of business processes. Completely independent of any ERP systems of the participants, standardised or customized interfaces enable quick and easy integration of business processes. In this way, already more than 6,000 business partners using EDI are linked to Dachser.

Avoiding application errors while optimising potential benefit is also the goal of the advanced shipping notice (DESADV) used in combination with the SSCC. By providing advanced shipping notice the picking and relocating processes are optimised; thus minimising waiting times, cycle times and error rates. In particular, the rapid and efficient response to false deliveries can help to ward off economic damage.



Quick reaction is also made possible by a supply chain event management application called Active Report, which has been developed in-house by Dachser. This application proactively checks shipment data for problems and automatically sends messages if certain dates are exceeded or if any pre-defined errors occur. Thus, an increase in efficiency throughout the value chain is achieved by the automating of manual processes.

The quality of logistics depends on the degree of process responsibility and dominance, and ultimately proves itself in quantity: Dachser daily manages over 100,000 deliveries and about 1.2 million picks in the warehouse. Dachser achieves process optimisation by a carefully thought-out quality management and high data quality. Another important success driver for optimised processes is real-time data transmission across systems based on seamless identification, interactive scanning and picking, as well as standardised deliveries and plausibility checks at the transport unit level. Dachser uses the SSCC at all interfaces for identification of transport units.

All in all, Dachser feels strongly that the SSCC provides a vital contribution to the logistics sector in the optimisation of all processes within the value chain. It offers high benefits for service providers, customers and logisticians in equal measure.

For more information about Dachser, visit [www.dachser.com](http://www.dachser.com)