

# Up to 60 percent time savings when creating shipping documents with smart ASN

// Packaging rules can differ from customer to customer and from material to material. SupplyOn has developed an intelligent solution for creating shipping documents that learns in the course of a few weeks which packaging rules are effective for which customer and for which materials. It applies these rules automatically when creating an ASN (Advance Shipping Notification). This expedites the creation of complex shipping notifications by up to 60%.

## The challenge: complex or missing packaging rules

When shipping parts to a customer, the customer's packaging regulations must usually be taken into account. Each customer has its own requirements for its purchased parts. Often, these are only provided to suppliers as PDF files and are not stored in the system. Quite often, the packaging rules are incomplete or outdated. Storing the rules in a system is time-consuming, and it also requires very in-depth process know-how.

The situation becomes even more difficult when the rules are changed as the changes have to be reflected in the system. This often leads to errors that require many times more manual effort to correct.

The effort involved in single-stage packing, where the material to be shipped is simply packed into a specific load carrier, is relatively manageable. Two-stage packing however is much more complex: Here, the parts to be delivered are first packed in small load carriers of which several are stacked and secured on a large load carrier, for example a pallet or a mesh box. This process, as well as the creation of the associated ASN, has a certain complexity and takes time.

If the packaging regulations are stored in the system, the creation of the ASN is largely automated based on the rules. However, due to the effort and expense described above, this is only the case for around one third of the ASNs created via SupplyOn. In the remaining two-thirds, the packaging regulations have to be considered manually, step by step, for each individual

ASN - and this is precisely where there is enormous potential for optimization.

## The solution: the AI-supported packaging proposal process

During ASN creation via SupplyOn, the system learns over time with the help of artificial intelligence which packaging rules are to be applied and automatically suggest all transport-relevant information as prefilled value. The following manual entries when creating an ASN can thus be automated with system support:

1. Type of small load carrier
2. Number of parts in this carrier
3. Type of large load carrier
4. Number of small load carriers on the large load carrier

The employee at the supplier only needs to check and confirm the proposed values step by step. Finally, he can add additional information, for example, if the goods are hazardous and need to be protected in a special way. Then the ASN can be finalized and sent to the customer.

Each time a proposed value is changed, the system learns and suggests the corrected value the next time. In this way, the system optimizes itself and will shortly be able to correctly apply packaging regulations that were never entered or uploaded as such in the system. If the customer changes a packaging instruction, a preset value must be corrected only once in order to be suggested correctly in the future.



## Operational procurement processes at SupplyOn

// In operational procurement, smooth processes with suppliers are crucial to keeping the flow of materials and thus production running. A large and often still underutilized savings potential lies in goods receipt. With SupplyOn, companies benefit from efficient digital processes, particularly with regard to ASN and goods receipt, ranging from AI support for selecting the best packaging to automated transmission of necessary documents, inspection standards, certificates and test protocols.

### The benefits: a clear win-win situation

Both the customer and the suppliers benefit from the AI-supported packaging proposal process.

The benefits on the customer side:

- The data quality of the ASNs received from the supplier increases, which significantly speeds up the goods receipt process, as the goods can be directly stored in the warehouse without any manual intervention.
- The effort required to handle packaging instructions is significantly reduced: they do not need to be stored and updated in the system, nor do they need to be sent with an order or delivery call-off.

The benefits for the supplier:

- Depending on the number of materials to be packed, an average of around 10 minutes of manual work for entering transport-relevant information can be saved per ASN.
- The effort required to consistently consider changes to packaging instructions is significantly reduced, as the system immediately learns and adopts the changed values.
- The user is optimally supported in his daily work by the self-learning system—which also reduces the amount of training required.

#### SupplyOn AG

Ludwigstraße 49 // 85399 Hallbergmoos

T: +49 . 811 . 99997-0

info@SupplyOn.com // SupplyOn.com