

Project example Eye Drops



Allergan challenged the packaging specialists at IPS with an extremely unusual task:

A vial product with light-sensitive eye fluid must be hermetically packaged in a plastic tray. Another non-prescription vial product is to be packaged in a folding box in which it will be presented later on the shelf.

The products will be provided offline in cassettes and are to be packaged with an output of up to 500 products per minute in nine different sizes.

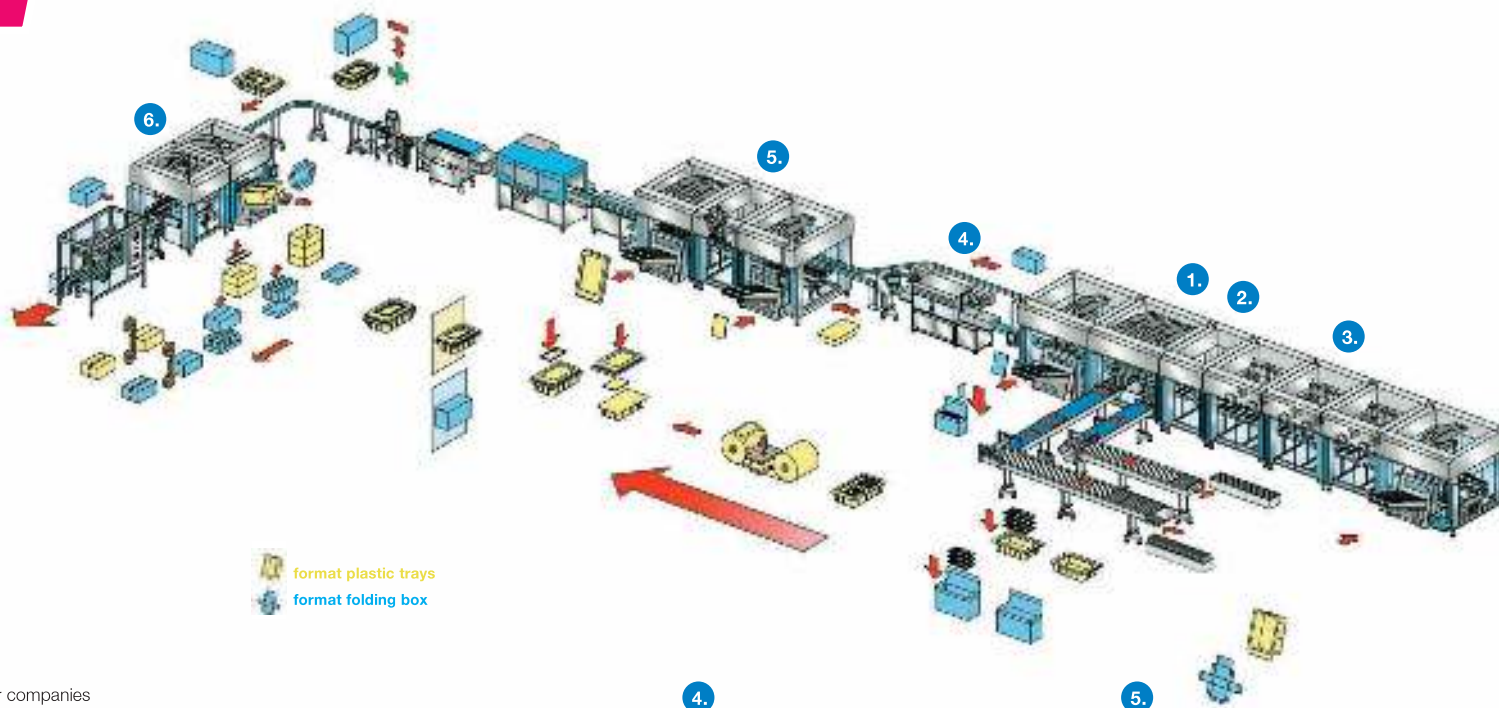
The challenge: Both products have to be handled on one and the same packaging line.

The IPS project engineers presented a sound line concept following an intensive project phase and were rewarded with the order for the realization of this extensive packaging line.

As a general contractor and contract partner to Allergan, IPS was responsible for the selection of the most suitable suppliers.

Ultimately, ten partner companies form the packaging line. The contract included both a complete risk-based validation package and the integration of all system components in Crailsheim.

Following extensive validation work, factory, acceptance runs and training of the customer's personnel, the line was shipped to the customer and went into production there within just a few weeks.



1. The product carriers fed in offline are unloaded with Schubert system components and transferred individually to a product belt.



2. Each individual strip is read (2-D matrix code) and rejected if necessary.



3. Four TLM-F44 systems detect the products and place them top to toe in the primary packaging.



4. A tray sealing machine from Inauen seals the filled plastic trays with an aluminum foil.



5. A Pago labeling system integrated in the TLM marks labels and dispenses them onto the tray lids. The lids are positioned by a Schubert TLM transport system.



6. The primary packaging (tray or carton) is packaged with flexible TLM technology in American folding cases or, as an alternative, in cardboard trays.