

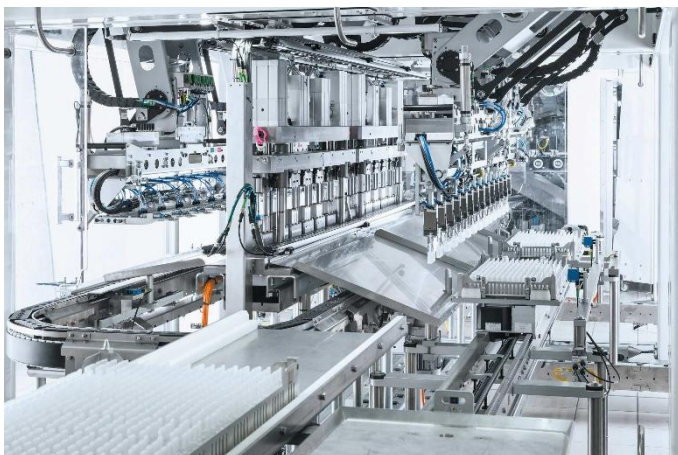
## #CASE STUDY BFS

### TLM TECHNOLOGY WINS THE CUSTOMER OVER

- Development of new separation technology for the BFS blocks
- Development of new packaging material & sterilization trays
- Line management system with integrated Track-&-Trace functionality
- Compact design & high line efficiency

### ANFORDERUNG

Packaging lines for a new product: Schubert-Pharma supplies Nephron with two packaging lines for packing BFS vials and provides line handling for secondary packaging as a supplier and service provider. Nephron, a leading manufacturer of generic respiratory medication and a pharmaceutical contract manufacturer, was on the lookout for a suitable supplier and service provider for the secondary packaging of a new product at its production site in South Carolina, US. Schubert-Pharma has developed an innovative packing process for polypropylene vials filled with injection agents.



**“The main reason why we chose Schubert-Pharma was that we would be able to design the entire secondary packaging process using the TLM modular system’s seven basic components, which had already proven themselves in several other projects.”**

**Jonathan Burgess**

R&D Engineer, Nephron Pharmaceuticals in Orlando



### LÖSUNG

At its new production site, Nephron planned to pack an injection agent in a vial made from polypropylene instead of polyethylene – a first for the company. They had no prior experience handling this product in secondary packaging. Sterilisation in an autoclave was also a new process step. Additionally, unlike other products identified with a label or bag, this one required a shrink-wrap sleeve before cartoning. These unfamiliar elements posed unique challenges for planning the packaging line.

### TECHNICAL DETAILS

- 2 packaging lines each with 4 individual machines: tray loader, product splitter, cartoner and case packer
- Sterilisation in an autoclave
- Shrink-wrap sleeve before packing into cartons

### SPEED

- up to 530 products / minute



**TO VIDEO**