Agenda

- Presentation Uhlmann – Pac Systeme
- CADENAS at Uhlmann
- Customizing of the User Interface
- Uhlmann – Catalogs
- Uhlmann knowledge base for CADENAS
- Outlook
- Questions
Uhlmann Pac-Systeme GmbH & Co. KG

About us

**Ronald Schwab** is since 2008 employed at Uhlmann Pac-Systeme GmbH und Co. KG as group leader for CAX systems, standards, tools and norms.

**Simone Plösch** is since 2010 a CAD process supervisor for CAX systems, standards, tools and norms.
Uhlmann Pac-Systeme GmbH & Co. KG

Company structure
Medium-sized family-owned company

Portfolio
Packaging systems for the pharmaceutical industry together with a comprehensive range of services

Founded
1948

Sales business year 2017/2018
EUR 411 million (Uhlmann Group)
Uhlmann Pac-Systeme GmbH & Co. KG

Employees
over 2,200 worldwide (Uhlmann Group)

Uhlmann Group
16 companies, 13 abroad

Export ratio
> 80 percent

Global presence
Sales offices in the USA, the UK, Scandinavia, Switzerland, Spain, France, the Netherlands, China, Singapore, Brazil, Russia, India, and over 40 representatives worldwide
Products and services.

**Blister machines**
The broad range is impressive: from small and flexible for quick batch changeovers, to universal machines in the medium-size output range, to the high-performance sector for the packaging of large batches.

**Cartoners**
Whether blisters or bottles with leaflet, booklet or administration devices: Uhlmann intermittent or continuous motion cartoners package with the highest precision and reliability.
Products and services.

Blister lines
The flexible Blister lines BEC 300, BEC 400, BEC 500 and BEC 700 are based on an integrated, compact system incorporating a blister and a cartoner module.

Bottle lines
The Bottle lines IBC 150 and IBC 240 are pharmaceutically compliant, integrated lines for the packaging of tablets and capsules in bottles.
Products and services.

End-of-line packaging machines
Stretch-bandaging machines, overwrappers, case packers or palletizers: the end-of-line machines from Uhlmann accurately process products downstream of the blister machine and cartoner.

Customized solutions
The Customized Packaging Systems division develops and implements an individual solution for every need – from the idea to the appropriate packaging line.
Products and services.

**Uhlmann Customer Services**
Center of excellence for all components and services that ensure smooth operation after the installation of a machine – including individual advice and support.

**Automation and software solutions**
Track & Trace by Uhlmann provides answers to all aspects of combating counterfeiting and ensuring product and process compliance. Variations implemented using Track & Trace by Uhlmann include: codification, label tracking and full serialization.
CADENAS bei Uhlmann
from the standard parts library to strategic parts management

- Standard parts library
- strategic parts management
Customizing of the User Interface
less is more

- Reduced user interface
- User defined toolbar (Wiki-Integration)
- Custom filters
Uhlmann - Catalogs
More than just standard parts…

- Catalogs with Uhlmann parts
- Project / Topic – Catalogs
- Picture catalogs
- Catalog owners
The catalogs are created by using CSV files and scripts.

Customized 3D models for placement dialog
Uhlmann - Catalogs
Link to internal knowledge documents

- Extended catalog information about document projects and document links
Uhlmann - Catalogs
visual research via image catalogues

- Image catalogs for large assemblies without geometric data with link to
  - PDF
  - eDrawings
  - Wiki - sites
  - ....
Uhlmann knowledge base for CADENAS admin documentation / training concept

- Documentation about Wiki - Spaces for
  - CADENAS Admins
  - CADENAS Users

- Integration into authoring systems
Outlook

- Automation of the catalogue process (Catalogs can be modified in the different departments)
- Expanding the image catalogs (Multiple links in the projects to eDrawings, PDF,...)
- 1 to N - Links of the documents in different projects / catalogues diagram
- Migration to next version
Questions
Vielen Dank

Änderungen im Sinne des technischen Fortschritts vorbehalten