FASTEC
Software for Production

We digitalize factories

User Report
URSAPHARM Arzneimittel GmbH

URSAPHARM

FASTEC
Software for Production

FASTEC 4 PRO

Content

Productivity increase without changing GMP-relevant processes

In this case study, you can find out how this was possible without renewed GMP validation, and which further optimizations could be made thanks to FASTEC.

- **Challenge**

- **Solution**

- **Project Progress**

- **Benefit**

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URSAPHARM

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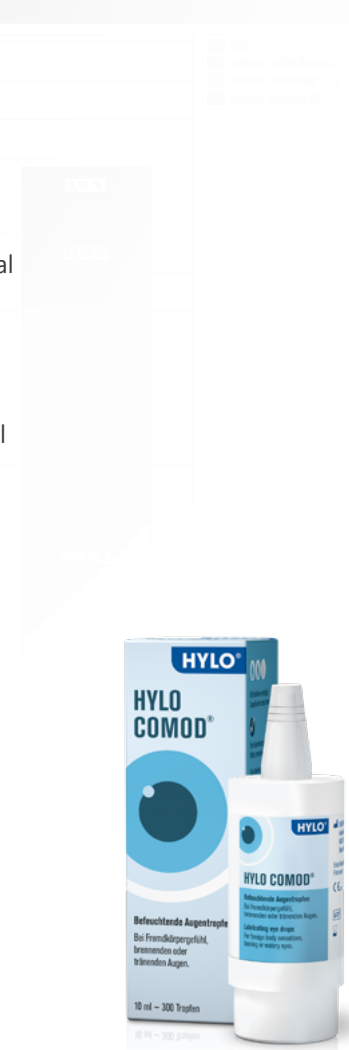FASTEC **4 PRO**

Challenges at URSAPHARM

URSAPHARM, founded in 1974, has always guaranteed the consistent transfer of innovative pharmaceutical concepts into successful pharmaceuticals and medical products. Today, URSAPHARM is an internationally oper-ating me-dium-sized company and is one of the market leaders in Germany due to its wide range of products in the field of ophthalmology. Drugs for general medicine round off the product portfolioAt the same time, the company makes its expertise in development, production, quality control and quality assurance available worldwide as a high-perfor-mance contract manufacturer and cooperation partner.

URSAPHARM produces eye drops, eye ointments, nasal drops and nasal sprays in compliance with the strictest national quality standards. Coated tablets, capsules and granules are also part of the wide range of pharmaceutical forms that are produced in the URSAPHARM production area.

Goals:
With the introduction of SAP, URSAPHARM successfully completedthe first step toward digital production a few years ago. It quickly became clear that work needed to continue on the digital elements. The previous manual recording of data led to relevant delays in the processes. The goal was to record the actual data in production in real time. The steady growth in sales figures and the resulting build-up of larger production capacities meant that man-ual work was no longer up-to-date; a digital solution was the answer. With growing orders, increasing production capacities and the ensuing increased machine park, as well as increasing regulatory requirements, the need for digital data acquisition became more and more important.

The overall objective in introducing an MDA/PDA solu-tion was thus to generate live data from production that was to be available for evaluation on various devices at any time.This system had to be easily and quickly inte-grated into URSAPHARM's existing systems and offer user-friendly, intuitive operation.

Live Data Directly From The Shop Floor

HYLO
HYLO COMOD

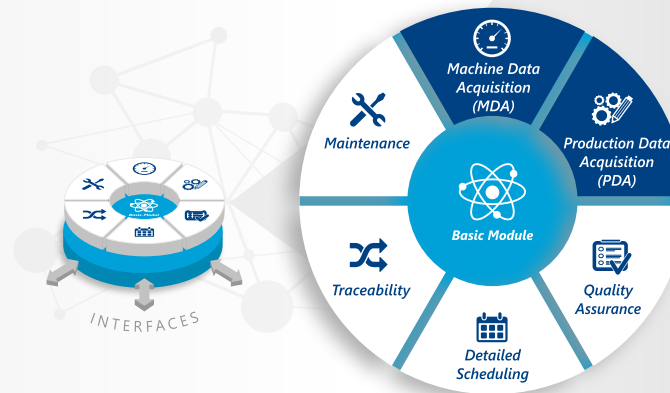# Solution

Our Software:

Flexible, Modular, Individually Adaptable

The modular software solution FASTEC 4 PRO supports the optimization of your entire production.

It improves production planning, creates more transparency and regulated processes, provides KPIs, analyses and reports – regardless of industry and flexibly adaptable even to special production processes.

Based on the basic module, the six main modules can be combined according to individual requirements and supplemented by various additional functions. The individual modules access a joint and standardized database.

As a result, consistent data is available at all times – there are no additional interfaces between the modules and no redundant double data storage.

INTERFACES

Machine Data Acquisition (MDA)

Maintenance

Production Data Acquisition (PDA)

Basic Module

Traceability

Quality Assurance

Detailed Scheduling

Individual implementation:

Machine Data Acquisition (MDA) module:
Comprehensive recording of all machine dataas a basis for calculating, evaluating and optimizing KPIs from production. Recording of set-up times and malfunctions, including reason for malfunction, frequency and duration. Full transparency of all plants available at any time.

Production Data Acquisition (PDA) module:
All production orders always in view. Order progress and the end of the remaining time are available to all departments and, thanks to the mobile client, can also be accessed from anywhere on mobile devices. In this way, PDA supports warehouse employees in the timely provision of resources, for example.

Interfaces:
SAP interface, machine connection via IO modules from FASTEC

Special programming:
• Sequence counter for the homogeneous distribution of set-up times
• Deactivation of line units possible at the start of the order
• Individual monitoring overview to display current and completed orders

Transparent Data in Real Time

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Project Process

• Reasons for choosing FASTEC

FASTEC convinced URSAPHARM from the start with its process understanding. In the first step, an attempt was made to map the big picture without being caught up in minor specialcases. This saved time resources in the further course of the project.

At first glance, the software appeared to be intuitive and easy to implement, which is another reason why URSAPHARM decided to go with FASTEC.

When comparing different providers, FASTEC was able to convince with its modular FASTEC 4 PRO software. This enabled URSAPHARM to select the necessary software modules and thus acquire only what was actually needed. In this way, digitalization in product-ion is being expanded step by step.

In the further course of the project, the first positive impression of the FASTEC team was confirmed: FASTEC is always available as a customer partner. "The first-level support was available at all times, we were never turned away. We are really very satisfied with that."

"FASTEC 4 PRO is very intuitive and after a short time we were able to set up everything the way we needed it.
The evaluations in reporting and the alerts can be configured individually."

Sabine Rott
Head of Project and Personnel Management
Technology & Production, URSAPHARM

• Ease of use, full transparency

At URSAPHARM's production site in Saarbrücken, more than 40 systems are currently connected via IO modules from FASTEC. To ensure easy access, the most important components such as the signaling and the SAP interface were checked by FASTEC after the IO modules had been connected, and then a simulation of process orders was carried out.

For URSAPHARM employees, learning how to use the software was intuitive. When new employees are hired, training is provided in addition to the self-explanatory structure of FASTEC 4 PRO, which enables a smooth start. Different user groups can now generate different evaluations depending on their needs.

Experienced Partner With Intuitive Solution

Benefit

● **From a gut feeling to concrete data**

The views with data from FASTEC 4 PRO are widely used internally at URSAPHARM and are very popular. Employees can see, for example, the end of the remaining running time, the current production progress as well as fault messages. This means that every employee can open the current status of production at any time. This is very helpful for carrying out and documenting shift handover and also brings transparency to all areas.

If individual machines frequently have major problems, the frequency, duration and cause of the malfunction can now be identified via FASTEC 4 PRO. This made it possible to run calculation examples for the investment in new equipment with tangible data to see if the investment is worthwhile and at what point in time the costs will be amortized. This helps in the selection of optimization projects, since the facts from data acquisition speak for themselves and can be presented in a comprehensible manner for everyone. The gut feeling of the past can be confirmed and justified by tangible data from the system for many years.

● **Successful set-up project**

Thanks to transparent data acquisition, URSAPHARM was able to derive many optimization projects from the ACTUAL data. Old machine parts were replaced by more efficient ones, sensors were positioned, and processes and workflows were worked on. In addition, the company was able to start a very successful set-up project through FASTEC, which was able to sustainably reduce downtimes caused by set-up processes. During evaluations, it was noticed in advance that orders with identical initial situations were subject to strong fluctuations in set-up times. Thanks to FASTEC 4 PRO, this could be identified as a task and converted into efficiency increases with the help of subsequent shop-floor analyses and workshops.

● **Conclusion after the first few weeks**

URSAPHARM likes that the solution from FASTEC could be implemented quickly and easily. The desired results based on the initial situation were available at all times. URSAPHARM has had consistently positive experiences, particularly in the pharmaceutical industry, which is characterized by high requirements.

"We would always recommend FASTEC."

Sabine Rott
Head of Project and Personnel Management
Technology & Production, URSAPHARM

Three Additional Batches Per Week

65 5% 8% 2h

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Prospects

The successes achieved are processed and linked to other processes along the supply chain. This ensures that optimization projects not only look at value creation in the internal processes of production, but also integrate other departments along the value chain into a holistic view.

In the future, URSAPHARM would like to connect further lines to the machine data acquisition system and, in the **long term, implement a holistic OEE determination** in production.

During the course of the project, the employees responsible at URSAPHARM noticed positively that the FASTEC **software can grow with production**. The pharmaceutical company has by no means exhausted the full potential of FASTEC 4 PRO. In the future, there will still be a wide range of possibilities to optimize production, in terms of transparency, evaluation and processing of fault messages among other things.

"The investment has definitely paid off for us!"

Sabine Rott

Head of Project and Personnel Management Technology & Production, URSAPHARM

Further Cooperation in The Making ...

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Why Not Get to Know Us Personally?

Production companies must produce on time, in a traceable, flexible and customer-specific manner, while ensuring consistently high quality. Achieving these goals requires transparency through real-time information, good planning and quick and adequate reactions to deviations. Our Manufacturing Execution System (MES) FASTEC 4 PRO is the right tool for this purpose. With great success since 1995.

With FASTEC 4 PRO, you gain the necessary level of transparency in all areas of production in real time, enabling you to discover previously unused potential for increasing productivity and optimizing processes. Thanks to targeted planning, you can also respond to short-term requirements from sales and efficiently design production processes – traceable and documented.

We would also like to give you a good advice personally!

Our sales department will be happy to provide you with further user reports and information material! Or else, make an appointment with our sales department for a presentation at your location, in our company or via web. Of course, you can also experience FASTEC 4 PRO live and on site with our customers.
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Additionally, we offer videos of our software and customer solutions in our YouTube channel:
www.youtube.com/FASTECGmbH

FASTEC 4 PRO

- Get transparent data in real time
- Reduce production costs
- Detect and eliminate weak points
- Develop high productivity potentials
- Benefit from the continuous flow of information
- Use available resources efficiently

▶ **As a data hub, FASTEC 4 PRO is essential on the way to the Smart Factory.**

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Gold
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