



User Report

Bausch Health

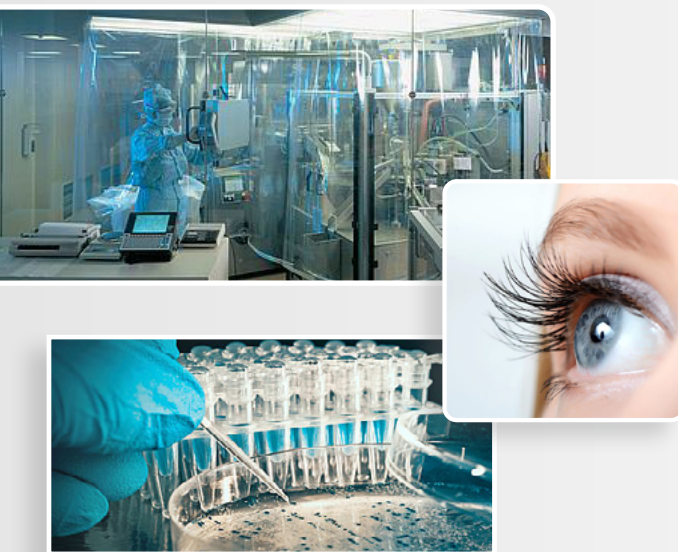


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Implementing a Key Performance Indicator System Across the Group

Even though Bausch Health relies on modern production technologies worldwide, the production controlling does not yet use modern and powerful tools at all locations. FASTEC 4 PRO has been used successfully in the plants in Berlin and France for years. These processes were digitalized and sustainably optimized thanks to FASTEC.

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BAUSCH Health



Challenges at Bausch Health

Company:

With its headquarters in North America, Bausch Health is a global leader in the fields of eye health, gastrointestinal medications and dermatology.

The company employs more than 21,000 people worldwide across its entire production and sales organization and supplies its products to almost 150 million people worldwide every day.

The popular products of the Canadian group are produced in 48 production facilities all around the globe. At all production sites, Bausch Health strives to maintain transparency and to continuously optimize production efficiency. Sven Katzky has been successfully working in leading positions within the pharmaceutical industry for many years. As plant manager at Bausch & Lomb in Berlin, he has already optimized processes and increased efficiency throughout the company. At Bausch Health, he is now in charge of the production sites in order to improve processes and optimize efficiency at the sites.

Goals:

Given the differences in products, processes, people and cultures, implementing an effective performance measuring system can be challenging. Different ERP systems, heterogeneous machine parks and a natural language barrier make it difficult to introduce standardized software in factories worldwide. In addition, the enormous size and complexity of the production processes pose a number of challenges.

The aim is to ensure that production plants record and analyze the data efficiently in order to correctly address potential improvements. In his current role as Director of Operation Excellence and Lean Manufacturing, Sven Katzky works with Bausch Health factories across locations in Europe, the Middle East and Africa (EMEA) and China to drive improvements throughout the manufacturing supply chain. One of the key aspects is working with factories to identify losses in production and to initiate optimization measures that reduce downtimes and product waste.

One Solution – Many Locations

Solution

Our Software:

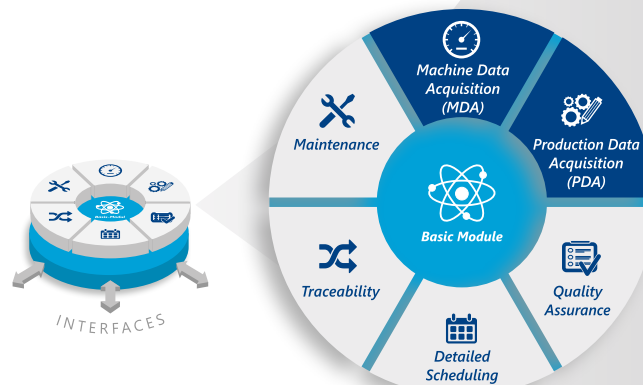
Flexible, Modular, Individually Adaptable

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.



Individual implementation:

A simple project approach includes a simplified, GMP non-invasive system implementation, a harmonized loss structure and a standardized infrastructure for reporting.

Module Machine Data Acquisition (MDA):

Acquisition of machine data, availability, performance and quality on fast cycle filling lines. Generation of the OEE key figure for standardized benchmarking.

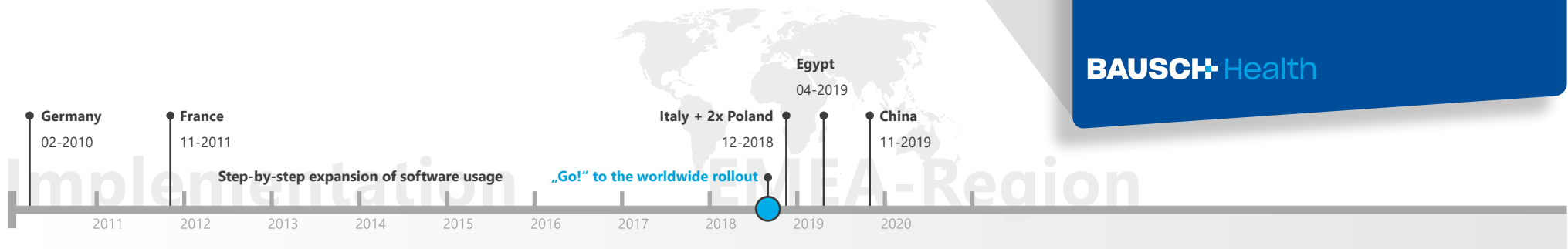
Module Production Data Acquisition (PDA):

Recording of the operating data with reference to the production order and article. Special feature of the Berlin location: Not only filling, but also production is connected to FASTEC 4 PRO. The production orders are imported from ERP systems. Holistic feedback from production to the ERP system is possible.

Interfaces:

Acquisition of machine signals via FASTEC I/O module or direct PLC communication.

BAUSCH+Health



Measurable Improvements

• Implementation:

Thanks to simplified process steps, it was possible to ensure a fast and smooth implementation of the project at each location.

Bilingual remote workshops and trainings support a cost-efficient and flexible system implementation. Following the implementation of the systems, which took place at all locations simultaneously in only a few months and after the employees were trained in using the system, the use of FASTEC 4 PRO found its way into the daily production routines of production employees and also at management level.

The data from FASTEC 4 PRO enables factories to advance change and improvement in the adequate priority areas in their production.

• Results:

Factories use the system to collect OEE-relevant information from their lines. This includes the exact recording of the operating status of the lines, the actual line speed and the scrap rate.

The factories are able to improve and reduce production losses/downtimes throughout the entire packaging process. After the system was successfully implemented on the filling/packaging lines with fast-cycle times, the production area was also partially equipped with MDA/PDA in order to receive holistic feedback from production.

The teams from Bausch Health and FASTEC developed a simple project approach that includes a simplified, non-GMP-invasive system implementation, a harmonized loss structure and a standardized infrastructure for reporting.

“Since FASTEC 4 PRO has been implemented, we can rely on the exact data and standardized calculations. The question is no longer how the data is collected or whether it is accurate, but rather how we drive change to increase efficiency. The system has ensured transparency and data accuracy, saving valuable time previously spent on data acquisition and calculations. This time can now be used for improvements.”

Sven Katzky

EMEA Director Operation Excellence & Lean
Bausch Health

Real-Time Data Provides Seamless Transparency

Benefits

"With the FASTEC 4 PRO tool, we were able to analyze where we were losing productivity and implement appropriate improvements accordingly. In this way we achieved a ROI within 12 months."

"We were able to increase the OEE across all lines by 12% within 6 months. In the past, I would not have thought such a significant increase possible."

BAUSCH Health

"More than 10 years of positive experience with FASTEC 4 PRO in two plants have assured us of the global rollout."

"Thanks to FASTEC, idle times in production were identified that were previously unknown to us. The process conversion was the main driver for the OEE increase in this plant."

"An enormous advantage is that FASTEC 4 PRO is an independent system that does not require validation."

Sven Katzky

EMEA Director Operation Excellence & Lean
Bausch Health

Our Arguments for FASTEC 4 PRO

Outlook


Following the successful implementation of the system at the EMEA sites as well as in China, the Bausch Health and FASTEC teams are working on implementing FASTEC 4 PRO at other locations in the EMEA region and worldwide.

The next step of the project would be to build a BI dashboard that would enable regional and global teams to view data from multiple locations and regions and drive change across all areas.

In the next year, additional lines at plants in various locations in the EMEA region will be equipped with FASTEC 4

PRO as required. Another future goal of Bausch Health is to measure productivity in addition to OEE measurement. This can be done by determining how many employees are working on each line. FASTEC 4 PRO offers the modules Detailed Scheduling and Personnel Time Recording for this purpose.

Furthermore, Bausch Health has 13 locations in the USA and Canada, which are suitable for the further rollout of FASTEC 4 PRO and are to be convinced of the positive experiences in the EMEA region.



*“With the success that we have, it is easy
to convince the management to
continue on the path with FASTEC.”*

Sven Katzky, EMEA Director Operation Excellence & Lean, Bausch Health

Further Locations and Modules in the Pipeline ...

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.

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

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Gold
Microsoft Partner


SAP
Silver
Partner

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.



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.**