



Get it right the first time

Sanofi - Automated Weighing & Dispensing with SIMATIC IT XFP

SIMATIC IT

Answers for industry.

SIEMENS



“The SIMATIC IT XFP solution has been the choice of Sanofi group for all Weighing & Dispensing automation requirements since 1985. Over 15 manufacturing sites worldwide are using XFP to weigh and dispense their active ingredients.”

Henri Ledoux, CTO Industrial Affairs - Applications, Sanofi

First time customer, long lasting relationship.

Sanofi chose Siemens' SIMATIC IT XFP to secure and standardize its Weighing & Dispensing. SIMATIC IT XFP enables the company to optimize its workflows across their major manufacturing and research sites.

The implementation of SIMATIC IT XFP has enabled Sanofi to increase its weighing cadence to cope with increased market requirements.

The customer

Sanofi, a global leader in the pharmaceutical industry, researches and develops medicines and vaccines to help improve the lives of the greatest possible number of people.

R&D explores a broad spectrum of innovative approaches, and develops new products in the key areas of therapeutic expertise: Thrombosis, Cardiovascular diseases, Diabetes, Vaccines, Oncology, Central Nervous System disorders and Internal Medicine.

The Company's growth is attributable to a regional approach to business operations, backed by a comprehensive portfolio of innovative products, mature prescription medicines, consumer health products and generics, as well as vaccines.

By virtue of its commitments, Sanofi constantly adapts its development model to the world's emerging human and economic problems.

Sanofi has chosen to integrate its manufacturing processes.

This strategy enables the company to anticipate changes in the sector, while maintaining control of the quality of its products and the reliability of its supplies from start to finish. Sanofi now has one of the largest industrial infrastructures



At a glance

Company:
Sanofi
www.sanofi.com

Industry: Life Sciences

Key Challenges:

- Secure critical manufacturing process
- Standardize Weighing & Dispensing solution worldwide
- Provide full traceability and genealogy

Solution:

- SIMATIC IT MES

Key Benefits:

- Increase weighing cadence and productivity
- Alleviate error risks
- Minimize inventory movements
- Optimize manufacturing process



in the pharmaceutical industry, with industrial facilities all around the world and over 30,000 employees that are engaged in the production of active ingredients and excipients as well as the manufacture, packaging and distribution of pharmaceutical products and vaccines.

The business challenge

Sanofi implemented a true MES solution. This was back in 1985. At the time, Sanofi was looking for a solution to automate their Weigh & Dispense units across their major manufacturing and research sites.

The Weighing & Dispensing solution had to automate the entire Weighing & Dispensing process - guiding the operator across all weighing operations, automatically performing complex calculations such as potency compensation, providing full traceability and genealogy and integrating with all ERP systems (SAP, Oracle, Prodstar). It was critical for Sanofi that all manufacturing sites use the same Weigh & Dispense rules regardless of the product or the country.

Sanofi worked to define the first SIMATIC IT XFP Weighing & Dispensing solution. Over the years, the SIMATIC IT XFP Weighing & Dispensing application has become the most widely used solution in the market.

The solution

Over 15 Sanofi manufacturing sites, including a total of 360 users and ranging from Western and Eastern Europe to North Africa, are using SIMATIC IT XFP Weighing & Dispensing to calibrate their scales, perform and secure their weighing and reconciliation operations and to update the ERP systems.

The manufacturing hub for Near Eastern and Middle Eastern markets in Egypt is also running SIMATIC IT XFP. The great majority of the sites are dedicated to manufacturing solid and semi-solid forms. Nonetheless, some sites produce liquid forms and sterile manufacturing. At all Sanofi sites, SIMATIC IT XFP is perfectly integrated with the ERP systems in place. Information such as raw material consumption, inventory, items and work orders, are constantly updated. During every FDA audit at Sanofi-aventis sites, the XFP Weighing & Dispensing solution has always been highly scrutinized for Part 11 compliance and mistake-proofing and has always succeeded.

The pay-off

The implementation of the SIMATIC IT XFP solution has enabled Sanofi to secure their operations, optimize their Weigh & Dispense workflows and greatly increase their productivity, effectiveness and efficiency.

The weighing process is fully secured by SIMATIC IT XFP. All formula risks have been alleviated even in the complex process of potency compensation, all calculations are done automatically and the operators receive the right instruction each and every time to weigh the exact quantity of each ingredient. By sharing common Weighing & Dispensing rules and automated solutions across sites, Sanofi has been able to optimize its weighing workflows, minimizing inventory movements and maximizing weighing cadence.

Since the first implementation of SIMATIC IT XFP, Sanofi manufacturing sites have seen their manufacturing load increase drastically over the years. Nonetheless, they have been able to absorb the extra load with the same weigh & dispense boxes and the staff appreciates using the XFP automated system. The implementation of XFP has enabled Sanofi to increase productivity by up to 30%, compared to the previous Weighing & Dispensing System.

Get more information

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Industry Sector
Industry Automation

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