



CUSTOMER CASE STUDY

Enhancing Batch System Reliability Through Strategic Upgrade

Teva Pharmaceuticals
Industry - Pharmaceutical Manufacturing
Technology Partner - AVEVA & Siemens

Challenge

- Resolving system instability and upgrading the batch system at an existing inhaler production plant.

Solution

- Comprehensive upgrade of Aveva InBatch, System Platform, InTouch, and Historian, along with ongoing 24/7 maintenance support.

Results

- Elimination of server issues, improved system stability, and enhanced operational reliability.

Teva Pharmaceuticals is a global pharmaceutical company specializing in the development, production, and marketing of a wide range of proprietary medicines. A key part of their manufacturing process involved a batch system for their inhaler production, which required a critical upgrade to ensure operational stability.

Teva faced significant challenges with their existing batch system:

The primary challenge was recurring server failures, causing disruptions to the production process. The root cause of these failures was unknown, and the existing integrator was unable to resolve the issues.

The Aveva Batch, SCADA and Historian systems needed a comprehensive upgrade to increase stability & ensure access to the latest features and security updates.



Teva required a partner who could provide reliable, 24/7 maintenance support to address any potential failures or unplanned downtime.

The Solution

Alpha Automation stepped in to provide a comprehensive solution:

System upgrade: Conducted a comprehensive upgrade of the Aveva InBatch, System Platform, InTouch, and Historian system. Addressed underlying issues contributing to server instability.

Multi-PLC system integration: The upgraded system is integrated seamlessly with existing Siemens and Mitsubishi PLCs.

Comprehensive support: Provided 24/7 maintenance system support to ensure immediate response to any potential failures or unplanned downtime.

Execution & Collaboration

Collaboration: Alpha was able to consult and work directly with Teva's team to meet their individual needs.

Phased approach: The upgrade was conducted over a period of several months, and tested offline to minimize disruption to Teva's operations.

Strategic shutdowns: Upgrades were performed during planned system shutdowns to further minimize downtime.

The Results

Elimination of system Issues: The recurring server failures were eliminated, resulting in a more stable and reliable production environment.

Improved system stability: The upgraded system provided enhanced performance and stability.

Enhanced operational reliability: The 24/7 maintenance support ensured that any potential issues could be addressed immediately, minimizing the risk of unplanned downtime.

Improved overall satisfaction: Alpha Automation's intervention fully addressed Teva's concerns, resulting in a high level of satisfaction with the upgraded system.

Conclusion

This project highlights the importance of proactive system maintenance and the value of partnering with an experienced automation provider capable of resolving complex technical challenges.

By upgrading the Aveva SCADA system and providing ongoing support, Alpha Automation enabled Teva Pharmaceuticals to achieve a more stable, reliable, and efficient inhaler production process.

As a result, Teva can now operate with reduced downtime and focus on meeting the needs of their patients.

Office 1 & 3, Block A1, Fota
Business Park, Carrigtohill,
Co.Cork, Ireland, T45 NX97

<http://www.alphaautomation.ie/>
e-mail: sales@alphaautomation.ie
Phone: +353 (0) 21 2066555

Alpha Automation & Controls provides dedicated industrial automation solutions and focuses on delivering business- critical process control systems & information systems utilizing the latest hardware & software solutions. It offers the highest levels of automation and control for your processes.

From its purpose-built offices in Cork, it delivers turnkey Industrial automation solutions from batch control systems to control panel design & dedicated control panel & MCC manufacturing facility.

Alpha Automation & Control focuses on delivering smart & intelligent end-to-end industrial automation solution using the world's leading industrial Automation technology.