MODERN SOLUTION FOR EFFICIENT USE OF INTEGRATED PLANT DATA IN PRODUCTION TRACKING

Some years ago, Neste designed and implemented a production tracking procedure, which relied on Microsoft Excel files. Manually updating and handling the enormous data sets in separate files on day-to-day basis proved to be very cumbersome to the personnel responsible for maintaining the system. In consequence, Neste decided to integrate all Excel files in seamlessly operating software in order to improve and stabilize the production tracking procedure.

Neste Jacobs was asked to create a new system including a web-based graphical user interface, required data treatment functionalities, production tracking calculations, stable database and reporting tool. Neste Jacobs' NAPCON Informer met the customer requirements and provided an integrated, easy-to-use system that is both accurate and robust. Most importantly, the people working with the new software tool are now able to perform the same tasks than earlier in a matter of hours rather than days.

"With the old Excel supported system, the work load of our employees was very high and the system itself wasn't a cost-effective solution in general. The new system enables us not only to work more effciently, but to integrate additional features to the software, such as the reporting tool. We have recorded a 78% decrease in working hours to date. It is extremely important to have a production tracking system that is user friendly, trustworthy and flexible."

Markko Rajatora
Manager of Decision Support Systems and Processes
Neste

"The successful outcome of the project was built on the undivided commitment and the highly skilled people from both Neste and Neste Jacobs."

Andreas Frejborg
Manager of Process Calculation and Information
Neste Jacobs

DID YOU KNOW

- NAPCON Informer is the complete solution for building up a high-end reporting solution

- The solution was built on the technologies of today, HTML5 and OPC UA as the backbones of the solution

- The solution combines the production (ISA- 95 level 1 and 2) data with the ERP data (ISA -95 level 4) in order to delivery prompt and reliable information for decision making