



BATCH COMPARISONS FOR HIGHER QUALITY

Through more rapid access to big data arriving via an increasing number of channels, Wedge 8.2, the latest version of Savcor's process diagnostics tool, helps to detect problems and arrive at the highest of quality.

Among the key new features introduced are the ability to process larger volumes of data, scalability, and high processing speeds. The improved performance enables using higher-bandwidth data input and adopting shorter sampling intervals in process monitoring.

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locate potential problem areas more easily. That's why there has been much anticipation, and excitement about the new version, says **Mika Suojärvi**, product manager for Wedge at Savcor.

A TOOL FOR COMPARING PRODUCTION BATCHES

Wedge is an application designed for diagnostics of continuous processes. The latest version also includes a tool for comparing between production batches.



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MIKA SUOJÄRVI
Product manager, Savcor

– Batch comparison is a new, significant field for Wedge, Suojärvi explains.

The batch feature compares fluctuations in the production of batches by monitoring the changes found in process data during execution. The goal is always to achieve a consistent quality through repeatable operations, even though the product is manufactured in batches. Thanks to Wedge, any changes between batches can now be detected more easily.

The feature has been developed in cooperation with specialists from the CABB plant in Kokkola: CABB is a freight manufacturer that develops its customers' processes and manufactures various chemicals for further processing. Batch processes are typical in the fine chemicals, pulp, metal, and food industries.

– The goal is to quickly catch situations where there are problems with process quality. Now we are eager to receive customer feedback on the new feature, Suojärvi says.

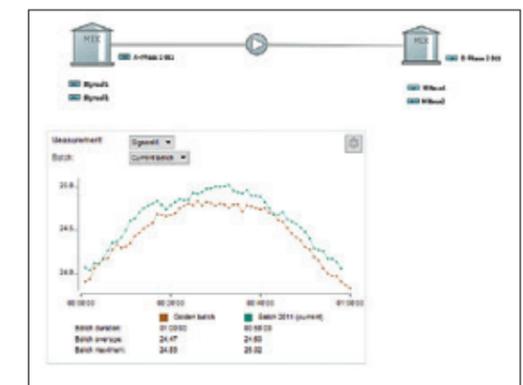
ADDRESSING DEVIATIONS QUICKLY

CABB's **Juho Pietilä** and **Pekka Ritala** have been using Wedge since 2015. At CABB, the application is used for developing production and resolving process deviations.

– Investigating situations is very convenient with Wedge. Locating and minimizing unnecessary process delays is now easier. Recently, we have been developing a batch comparison feature in cooperation with experts at Savcor, the two explain.

According to them, the benefits yielded by Wedge's batch comparison feature include rapid investigation of deviations, calculation-based measurements, and rapid investigation of the duration of individual stages in the process.

– Our future needs include developing calculations further, integrating multiple information systems, and expanding the user base from the management to include operation personnel. The work to respond to those needs has gotten off to a good start, report the CABB duo.



An illustration of a comparison of a production batch with Wedge.