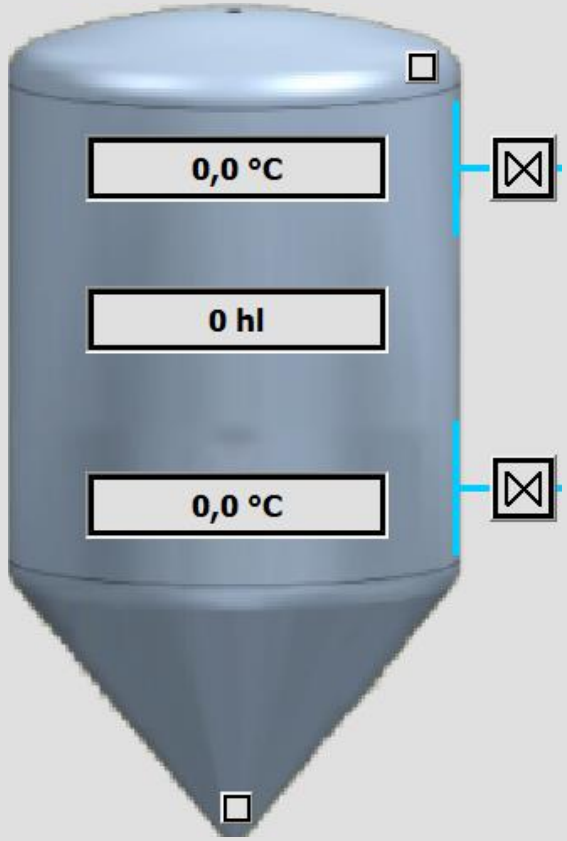
Tank Control with

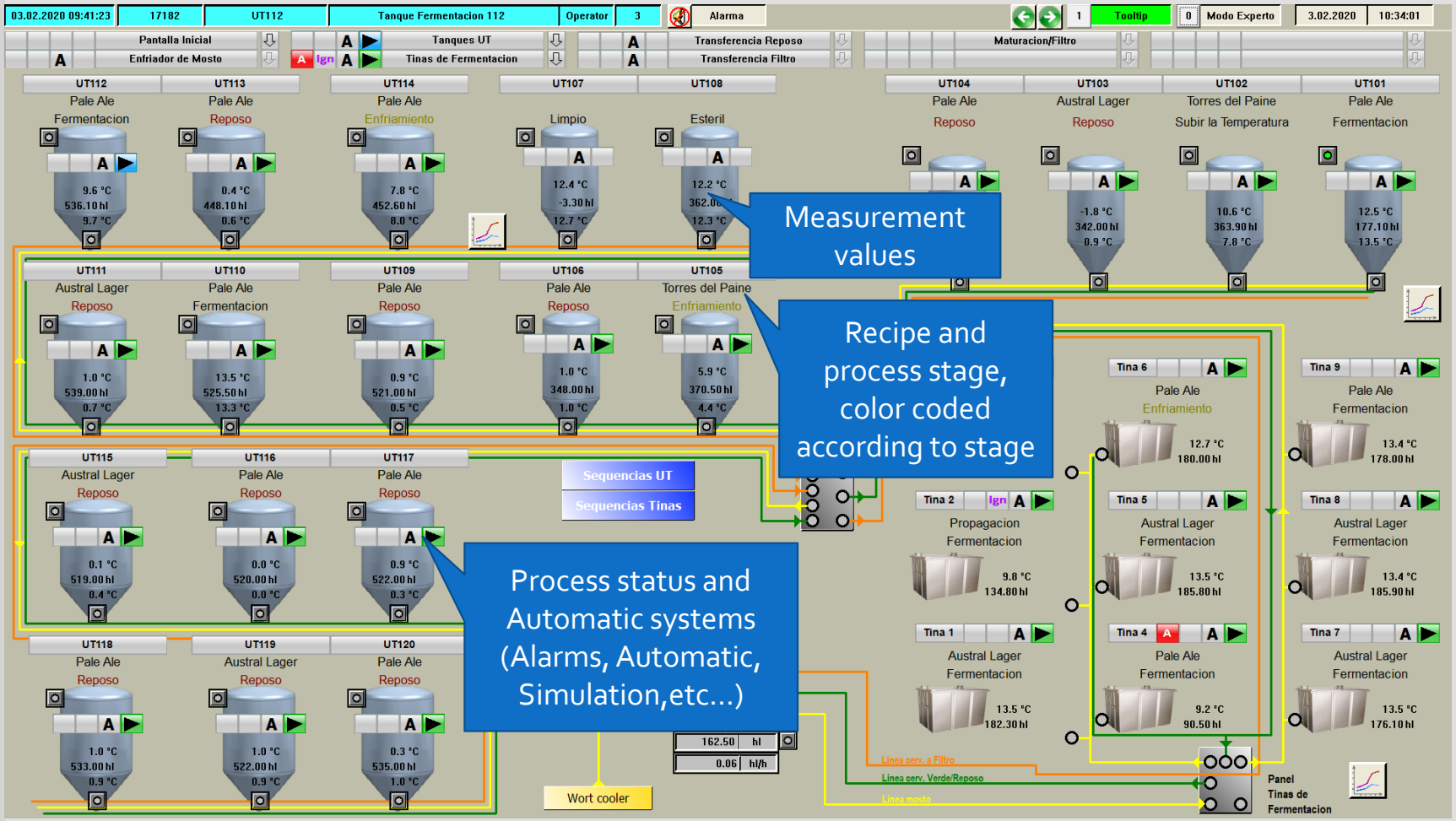
BatchXpert



MLOGICS
GERMAN AUTOMATION PARTNER

Advantages of the BatchXpert system

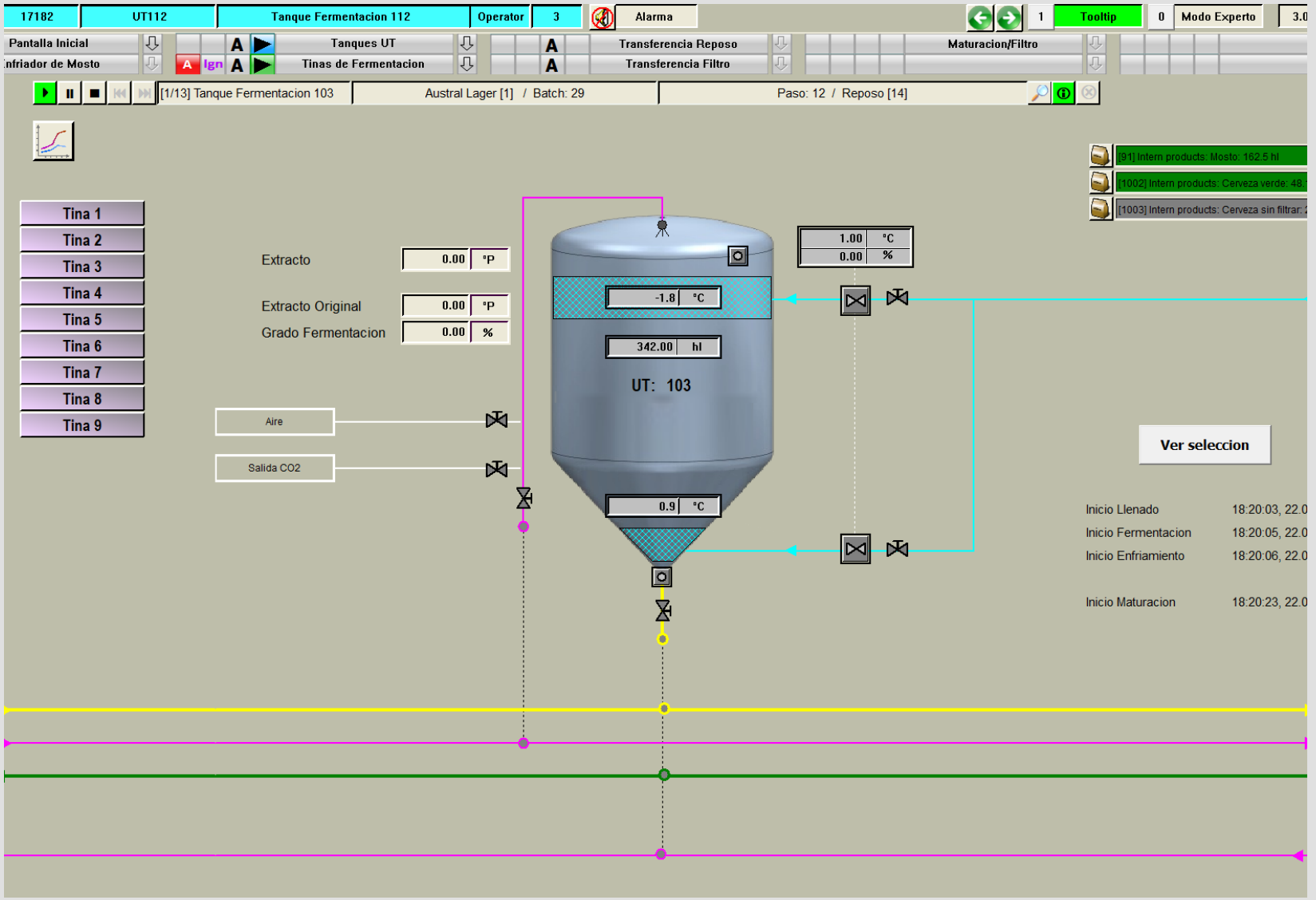
- Control of temperatures, levels, pressure, etc. through recipes that allow management and control of volume or product mixtures.
- Monitoring of temperatures, levels, pressure, etc. with alarms
- Monitoring and totalization of products or mixtures for product with management and traceability (Depending on availability of plant instrumentation)
- Recipes for different types of products or mixtures
- Generation of automatic reports, trending and recording of manual interventions
- Recording of manual measured values such as "Apparent Extract" etc., such as trends and reports
- Tank Cleanliness and Hygiene Status Record
- Traceability of each batch. Which Cooking Plants Went To Which Fermentation Tank, etc...
- Overview of the status, content and process stage of each tank. This makes it easy to plan operations and view availabilities



Global visualization of fermentation processes

Detailed visualization of each pond

- Possibility of performing manual actions.
- Possibility of entering measured values manually.
- Possibility of entering the apparent extract and generating Fermentation curve
- Automatic calculation of the Degree of Fermentation
- Review possible failures.
- Modify parameters according to operational level



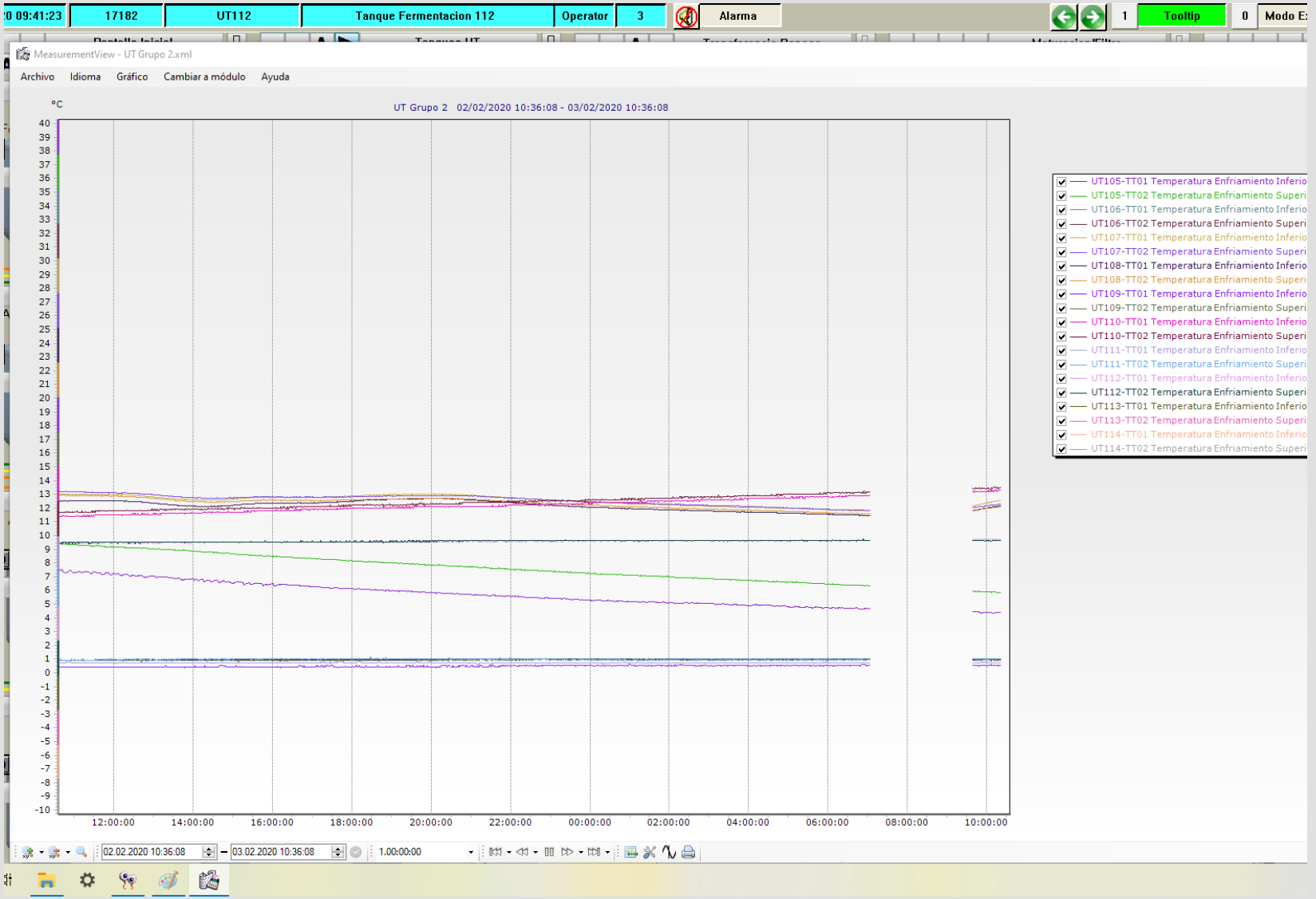
Measurement history

Temperatures

Degree of fermentation

Apparent Extract

Totalizers

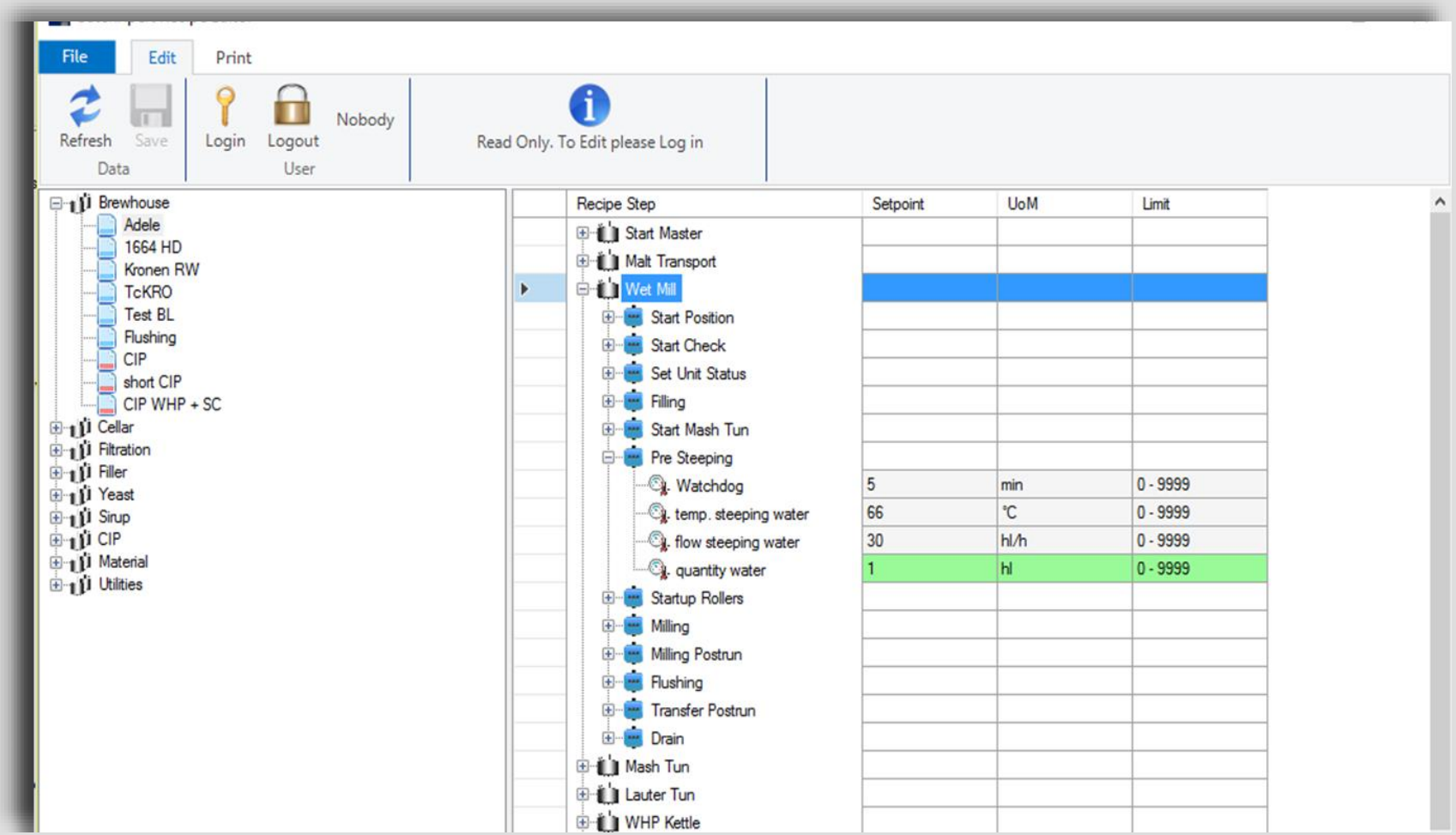


Recipe Settings

Recipes for each type of product

Adjustment of nominal values for each batch or product

Standardized step sequences for all fermentation tanks



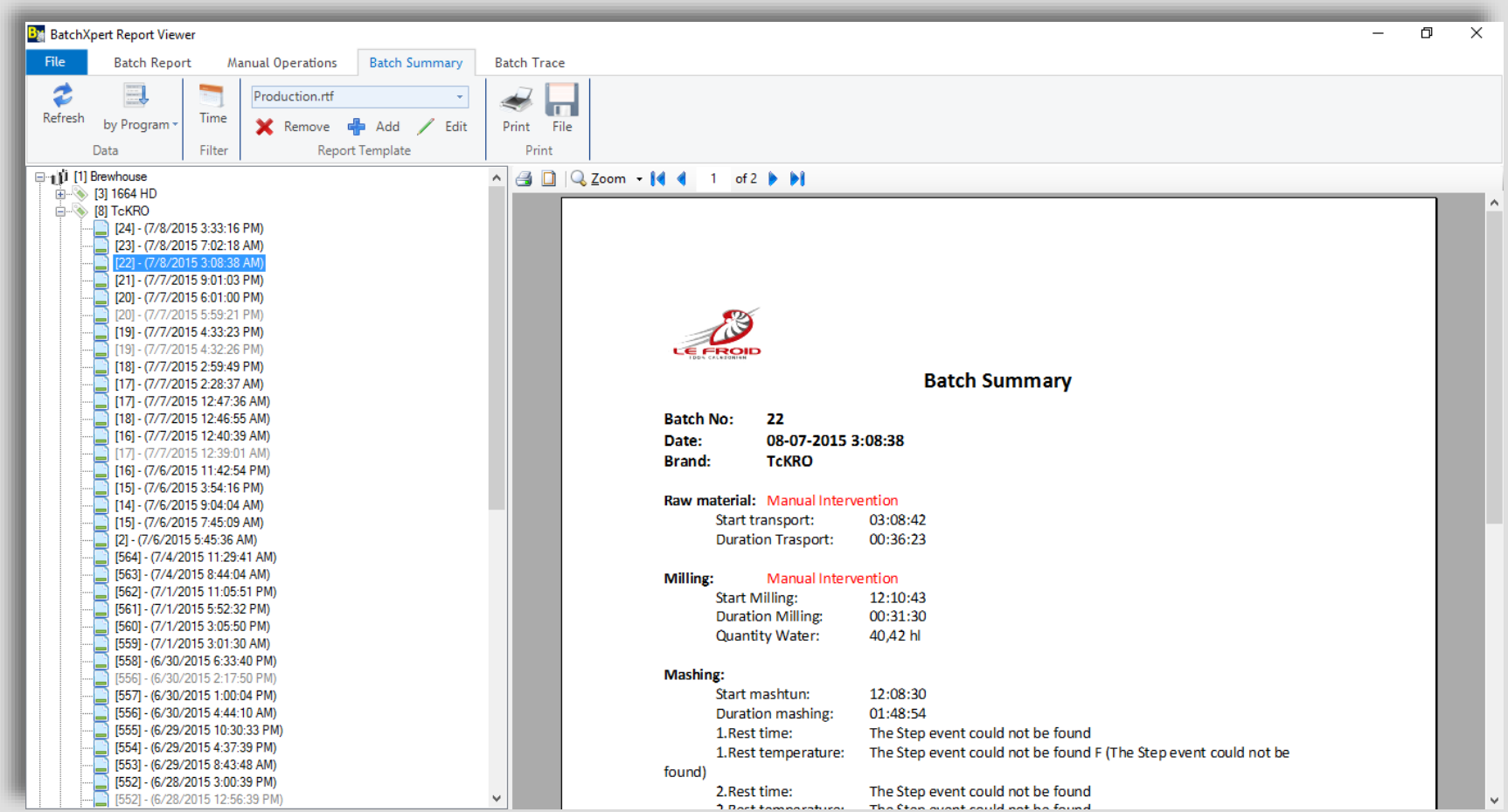
Batch Reports

Information on the complete fermentation process

Notifications for manual operations

Recording of manual values, gauges and totalizers

Flexible Configuration

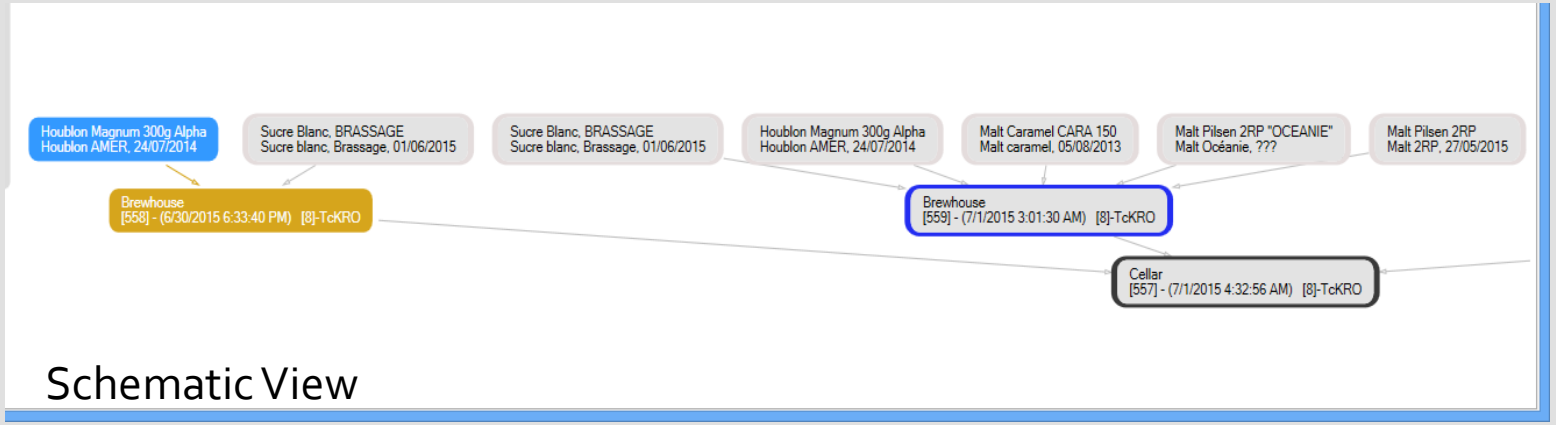


Batch Traceability

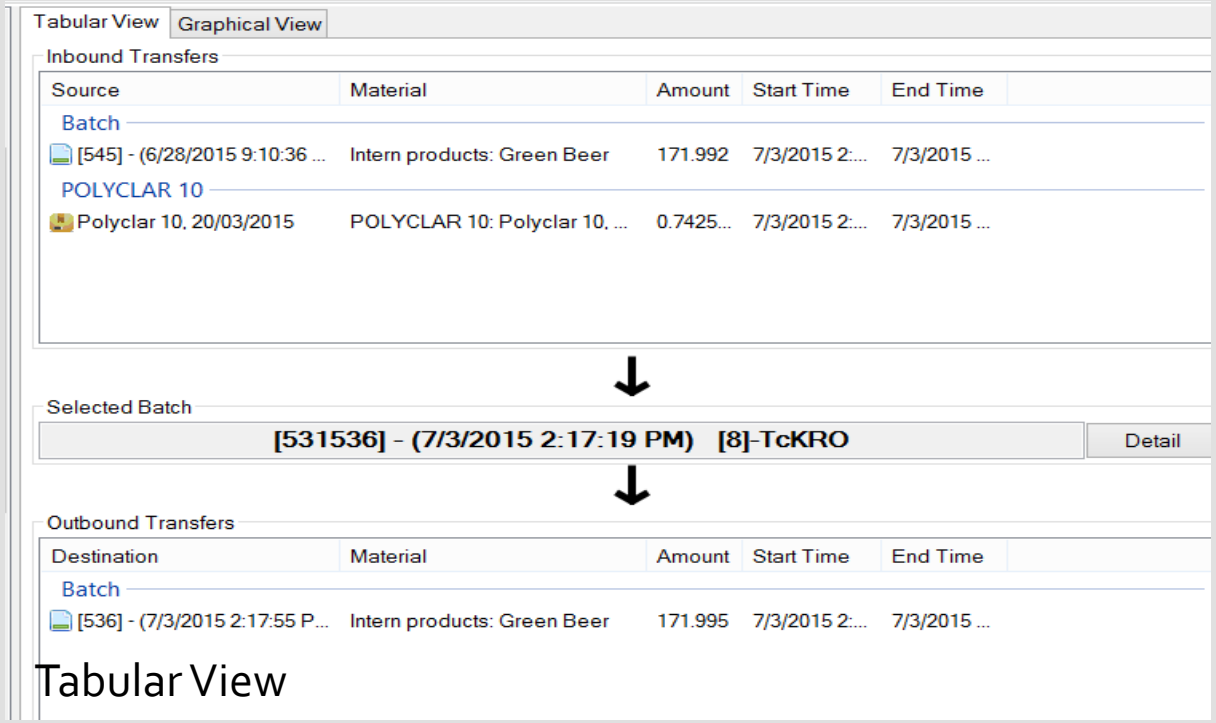
Source and destination information for each Batch

Raw material information for each batch

Batch traceability from Brewhouse, Fermentation, Cellar, Packaging (Depending on plant availability)



Schematic View



Tabular View

Thank you so much!

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