Au2mate
PROCESS AUTOMATION PARTNER

DAIRY PLANT AUTOMATION

DAIRY LIBRARY

CUSTOMER OWNED DAIRY LIBRARY FRAMEWORK

- Open and scalable system
- International standard platform
- Reduction of cost for control software
- Reduction of time and cost spent in connection with software commissioning
- Increase of plant functionality and performance

APPLICATION

The Au2mate customer owned framework and dairy software library include all major dairy processes; e.g. CIP, pasteurization, mixing, tank control, transfer lines as well as associated traceability, operator dialogue and reporting.

The customer owned framework and the dairy software library are suitable for green field plants as well as for project upgrades. The framework offers a significant reduction of time and cost spent in connection with software development and commissioning.

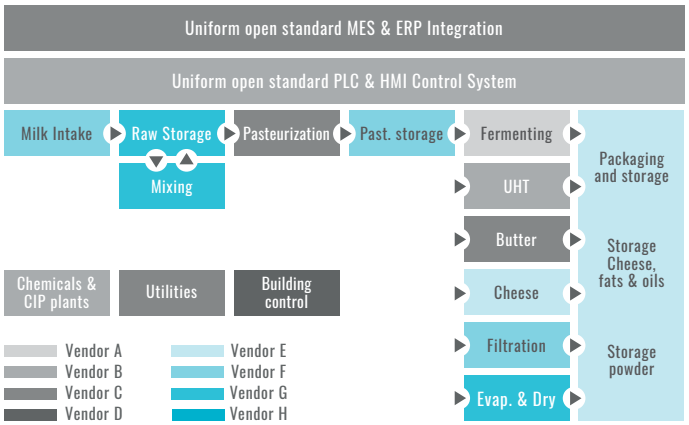
Furthermore, the framework offers significant increase of plant functionality and performance. The framework provided by Au2mate is embedding the complete knowledge and best practise from the dairy industry through Au2mate's several years of experience within the dairy business.

DESCRIPTION

The customer owned framework and the dairy software library are designed as a plant wide automation solution based upon open systems, a future-proof investment and encapsulating the knowledge and best practise applied in the dairy industry.

OPTIONAL FEATURES

The customer owned dairy library is scalable and can be used both in connection with plant upgrades as well as with green field installations. The dairy framework can be seamless integrated with the factory IT infrastructure.



Dairy library framework

Au2mate A/S · Frichsvej 11 · 8600 Silkeborg · Denmark · Phone +45 8720 5050 · www.au2mate.com

Au2mate
PROCESS AUTOMATION PARTNER

DAIRY PLANT AUTOMATION

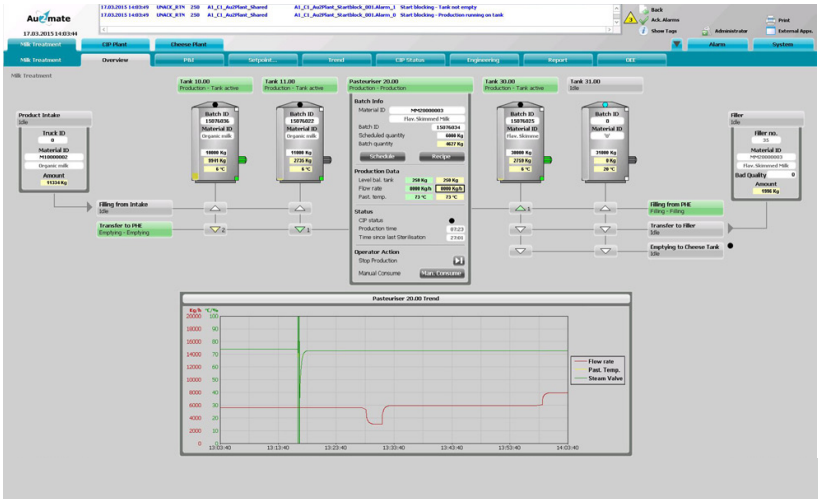
DAIRY LIBRARY

AU2MATE DAIRY LIBRARY FRAMEWORK

BASE CONFIGURATION

Dairy library for SCADA (Wonderware InTouch/IAS) covering:

- Standard layout for top bar and navigation.
- Standard for alarm system and access control.
- Standard modules and faceplates for visualisation and control of plant components (valves, motors etc.)
- Standard modules for interfacing with RMS.
- Standard modules for interfacing to LMS.
- Standard modules for data collection to production database.

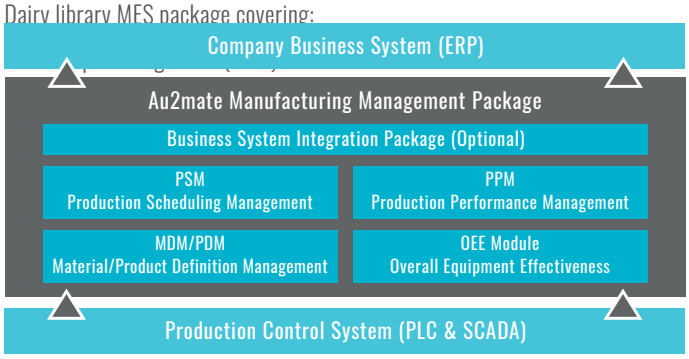


Dairy library for PLC covering:

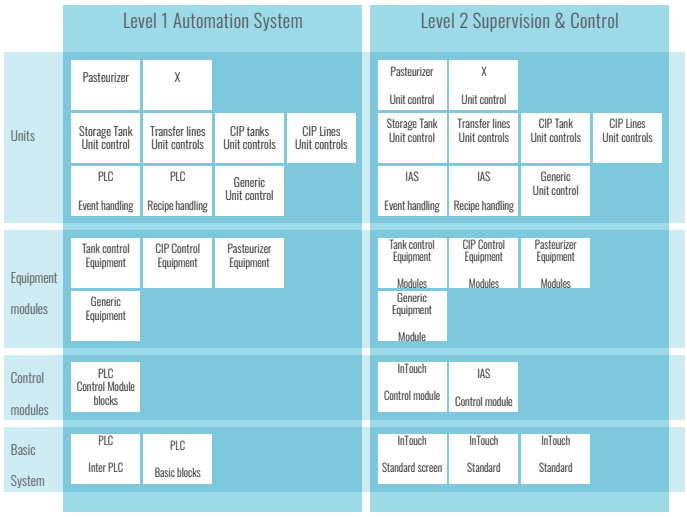
- Basic functions (communication, sync. of time etc.)
- Control modules for control of plant components.
- Standard data structure for event driven data collection (batch start/stop etc.)

MES FUNCTIONALITY

Dairy library MES package covering:



Manufacturing mangement



Dairy library modules