800xA Batch Management for Freelance 800F
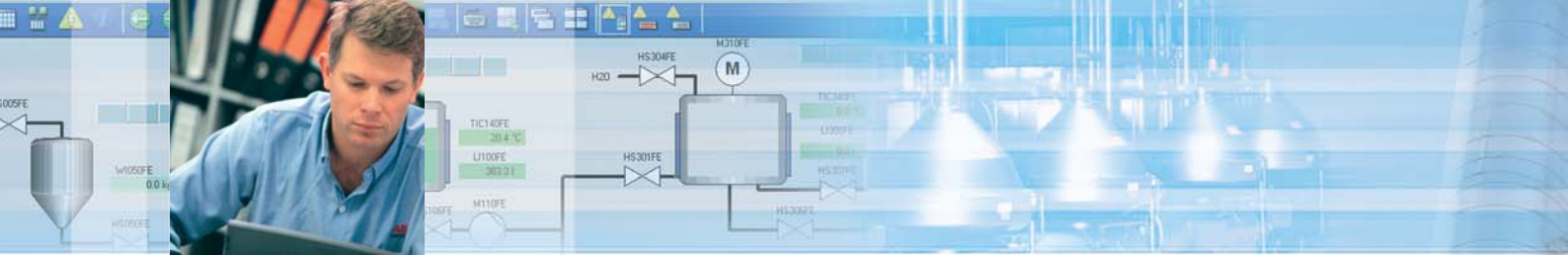
Versatile and flexible for complex batch production

Maximum Flexibility for Complex Batch Production

Do you have a Freelance control system and would like to optimize your batch-oriented production process, increase productivity and also achieve a higher level of equipment flexibility?

800xA Batch Management is the professional and reliable solution.
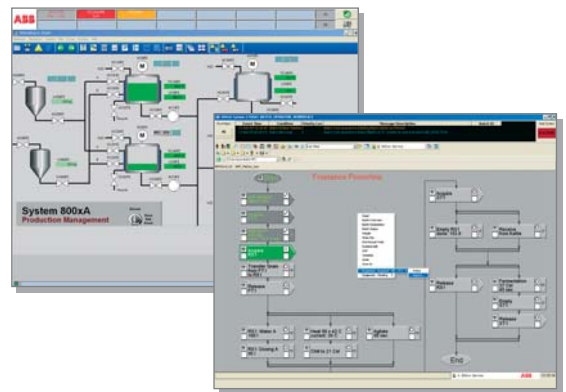
State-of-the-art technology

800xA Batch Management offers a comprehensive range of functions for recipe management, batch and process control, as well as safety and reliability. The system will allow you to respond flexibly and quickly to increasing production demands and achieve:

- A sustained and high level of production consistency resulting in improved quality and productivity
- Minimum downtimes and operating costs through optimum utilization of equipment
- Compliance with statutory directives

Features and benefits

- Easy and user-friendly recipe creation and management
- Recipe modification during runtime
- Resource management in real time
- Comprehensive electronic batch recording and archiving
- Optional redundancy for highest availability
- Integrated alarm and message management
- 9 user access levels
- Uses NAMUR, ISA S88 and IEC 61512 standards
- Support for regulatory compliance issued by e.g. FDA, MHRA, TGA, i.e. CFR 21 part 11
- Link to SAP

Flexible recipe management

The convenient recipe editor enables recipes to be created graphically based on ISA S88.

- Reusable procedure modules
- Comprehensive libraries
- Revision histories for easy version comparisons
- Exception procedures for product-specific monitoring and error handling
- Runtime edit of procedures

Resource management and planning

Plant units, instrument modules and all other resources are configured in an equipment module and can be modified online. New process units can be added, without having to modify existing recipes.

800xA Batch Management supports single-path, multiple-path and network system configurations.

Equipment and other resources are reserved and allocated either during planning or dynamically at runtime, depending on the priority of the individual batches.

User-friendly operation

In addition to the proven efficiency of operation via DigiVis, batch-relevant operator actions are carried out via a special Batch Operator Workplace and are facilitated by the following features:

- Recipe structure displays according to S88
- System graphics with recipe information
- Templates for the individual phases
- Batch overview and batch history with recipe messages and operator intervention
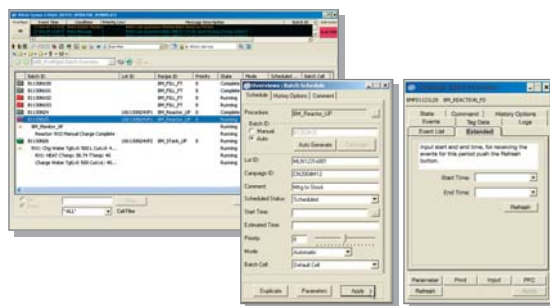- Navigation from recipe to interlocking display

If 800xA Operations is selected as operator interface, then batch operation is completely integrated, offering the same operator convenience and using the same database as the 800xA system.

Integrated planning

The planning and scheduling of batches or lots is easy. You specify:

- Master recipe or operation
- Equipment and parameter, if other than the default
- Start time

… and the batch will be automatically created. The integrated planning and scheduling display shows the current status of the batch, as well as any operator input requirements.

Recipe secrets are safe

800xA Batch Management protects the proprietary information in your recipes and batch data. Only authorized personnel have access to sensitive data.

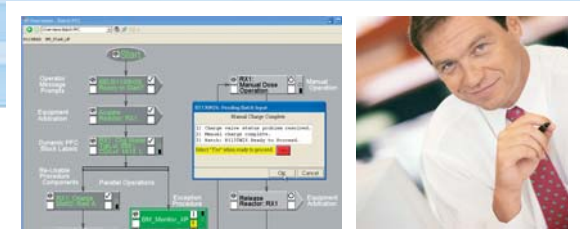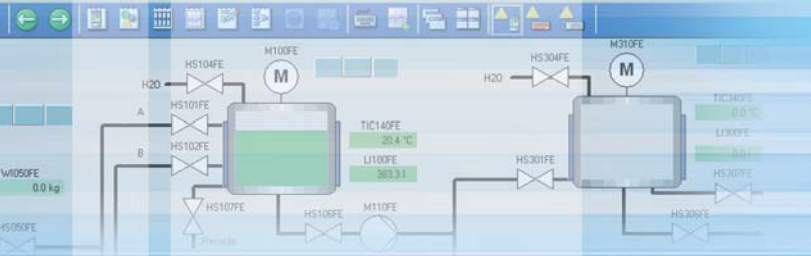## Support for statutory compliance

For production processes, which require approval from supervisory boards such as the FDA, MHRA or TGA, the 800xA Batch Management system provides the necessary tools to achieve regulatory compliance.

- Security, authorization and access monitoring
- Management of configuration modifications
- Audit trail
- Electronic signature
- First and second user identification during operation
- Archiving and retrieval of batch-related data

Complete electronic batch reports

All production data is stored in one single production data log (PDL). A batch report (electronic batch record, EBR) can be automatically compiled from this.

- Initial parameters
- Recipe execution, events and operator intervention
- Process messages from all productions units
- Production outcome, values and trends
- Operator journal

Your path to the latest technology – migration of DigiBatch

If you run a DigiBatch system, the path to latest technology can easily be achieved by migrating to 800xA Batch Management.

We will provide services for fastest changeover and minimized down time of your production.
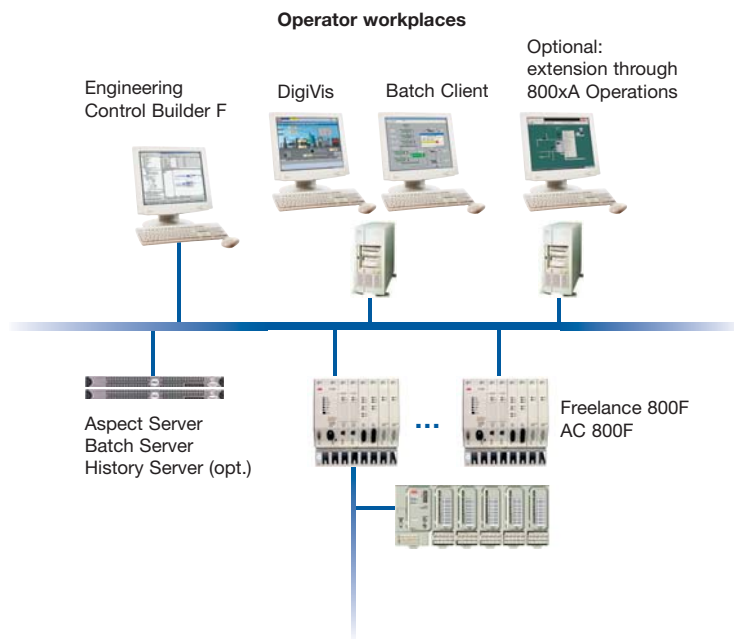
Don't hesitate to contact us.

Operator workplaces

Engineering
Control Builder F

DigiVis

Batch Client

Optional:
extension through
800xA Operations

Aspect Server
Batch Server
History Server (opt.)

Freelance 800F
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