



## AUTOMATION

The FH SCANDINOX Logic automation system is designed to control, record and document important parameters in your processing plant. It offers you the innovative and unique combination of processing production knowledge and automation capability that will enable you to stay in control of the sharp turns in your production. We bring you over 40 years of experience in automation solutions designed according to our customer's specific requirements and needs. Among other things, our Logic automation system provides you with:

- Product consistency
- Functionality and flexibility
- Recipe handling
- Production economy
- Traceability and food safety
- SCADA software
- Support

### PRODUCT CONSISTENCY

The FH SCANDINOX Logic automation system helps to create a consistent process environment to ensure that the product is manufactured in the same way and with the same quality every time. When the process parameters have been fine-tuned for optimum results, the end product will always have the same optimum quality.

### FUNCTIONALITY AND FLEXIBILITY

The FH SCANDINOX Logic automation system has a unique design and a food safety functionality in any process in any industry. Our automation system is version-controlled, fully tested and guaranteed functional.

It also has the flexibility to be either a stand-alone or a client server solution. In the client-server solution, the process can be monitored from various locations and connections can be made through a local network for the internet.

### RECIPE HANDLING

With the FH SCANDINOX Logic automation system, production can easily be changed by altering a recipe or entering new production alternatives. Monitoring and controlling the system can be done from one or several operating stations for maximum flexibility.

Development of recipe handling and storage is a key feature in our automation systems.

## PRODUCTION ECONOMY

Using the FH SCANDINOX Logic automation system, long-term savings can be achieved. Savings are recognised through optimisation of production and cleaning processes, minimal product loss, and in the end also by minimising the energy consumption. This of course generates sustainability and contributes to our green climate footprint.

## TRACEABILITY AND FOOD SAFETY

Traceability is becoming increasingly important in demonstrating food safety for manufacturers and consumers. The documentation of the process parameters is an important feature of the FH SCANDINOX Logic automation system. In the case of any problems in the production process, these can be identified and corrected very quickly. This not only helps to save money in the process by getting back on line quickly, but also ensures product quality and consistency. Process and CIP parameters can be logged in our program for simple or extended traceability.

## SCADA SOFTWARE

The FH SCANDINOX Logic automation system works with a package of software brands and system platforms. Our basic and most common platforms are Siemens, ABB, SattLine, Intouch, Citect and Wonderware.

Our operator stations include functions for automatic operation of the specific processing plant from graphic images that reflect the physical structure of the plant. Control screens comprise the following main pictures:

- Main operating picture
- P&I picture
- Alarm picture
- Set-point picture
- Automatic and manual picture for control of motor and valves
- Password protection
- System information

## SUPPORT

Together with our professional partners we can offer you an on-line remote support.

Urgent problem solving means a lot. Our partners will always try to respond to your call immediately, and software engineers will then guide you through your technical or operational issue at any time, day or night. It is like having FH SCANDINOX's global network of experts right there by your side. We will get you up and running quickly, and we never let our valuable customers down at any time.

## PRODUCT APPLICATIONS

- Dairy
- Ice cream
- Margarine
- Other foods
- Beverage
- Brewery
- Fish

