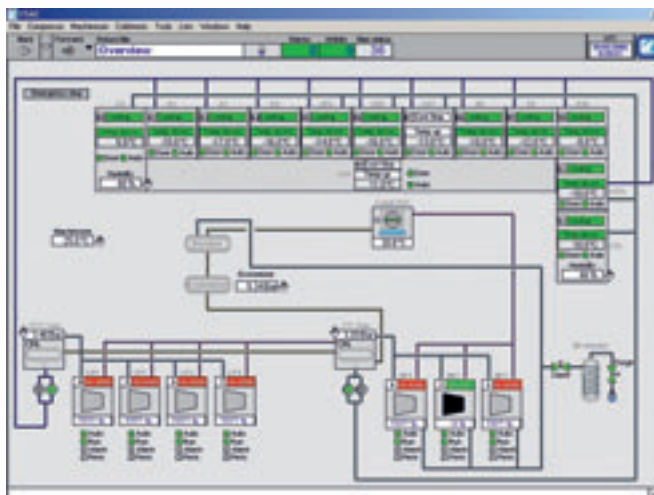


YSAC (YORK Standard Application Concept)

Control and management of refrigeration systems



The YSAC framework is based on tested and proven refrigeration control modules used in PLC systems and SCADA (Supervisory Control And Data Acquisition) workstations. The YSAC system provides the information displayed in graphic form on PC screens.

YSAC is built around a highly effective software tool specially developed and designed by YORK. The concept is based on a series of selected refrigeration control modules that make the design and configuration of control systems for both new and existing installations an easy, rapid and effective process.

The standardised control modules are designed to meet the control and systems management require-

ments associated with each individual plant. This is achieved by using a comprehensive selection of standard templates for compressors, condensers, pumps, ammonia separators, etc. Every module is comprehensively field-tested before release.

A complete overview of plant operations is available from each operator station, from which it is possible to monitor all running data and adjust operating parameters such as set points, timers, alarm shut downs and the start/stop of motors.

The YSAC concept is ideal for new installations as well as for upgrading existing refrigeration set-ups – an upgrade provides all the benefits of a new system.

Significant advantages

The YSAC concept features the following advantages

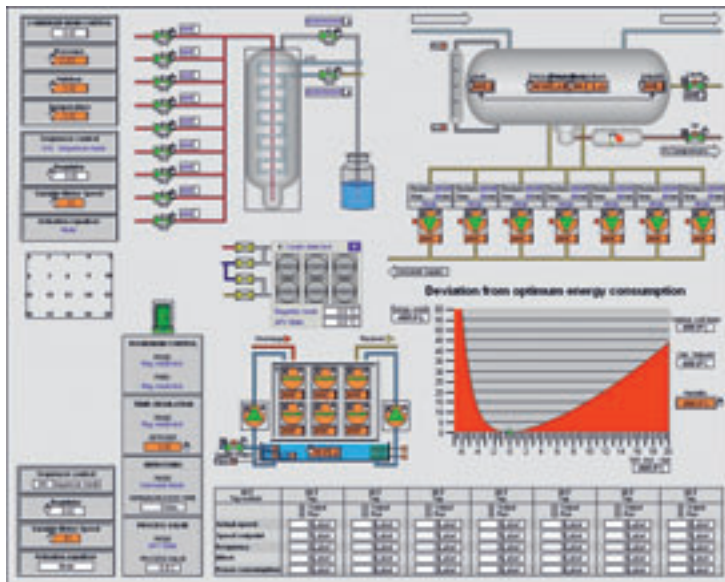
- Complete SCADA refrigeration plant control system in one compact, integrated design.
- Can be used for almost any refrigeration application, featuring standardised icons and the same interface.
- Plant information can be routed to remote locations as required, for maximum staffing flexibility.
- Password-protected monitoring and logging of all operating data, with continuous generation of trend curves.
- Automatic generation of documentation about running conditions.

Customer benefits

The YSAC concept provides customers with the following benefits

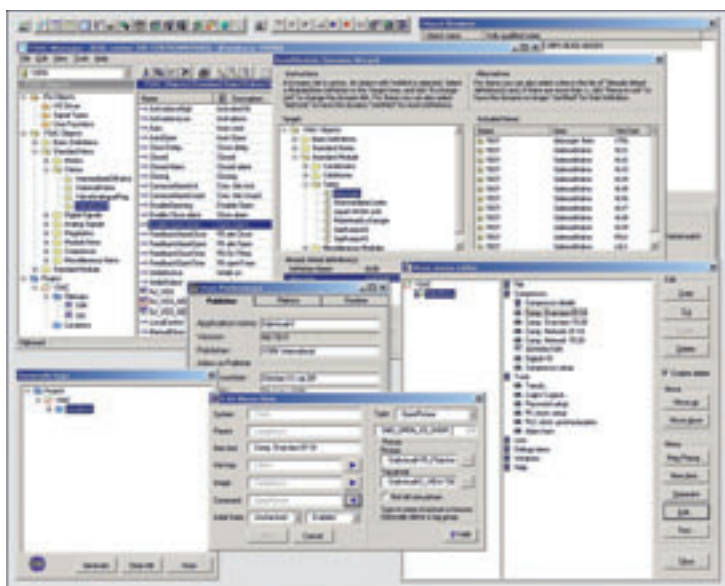
- • Easy to understand, and makes centralised operation easy and straightforward.
- • No special operator skills required, which cuts down on training costs.
- • Savings on manpower, as there is no longer any need for staff to be present on site.
- • Plant operations can be constantly analysed and predicted, paving the way to optimisation that boosts performance and cuts costs.
- • Meets all traceability and documentation requirements from relevant authorities.





Graphics

YSAC provides a wide range of standard graphic items and modules.



YSAC Toolbox

YSAC provides a wide range of different tools that make configuration of the control system an easy process.



Standard compressor interface

The standard Sabvisual II compressor interface is an integrated part of the YSAC software package.