



MANAGEMENT AND OPERATOR WORKSTATION FOR THE WHOLE AUTOMATION WORLD

Manufacturer-independent integration of technical systems
for industry, buildings and energy

What is FIS?

FIS is the cross-trade and cross-disciplinary management level, which, in addition to the classic tasks from building automation such as heating, air conditioning, ventilation control and security technology, also brings together tasks from the industrial sector such as recipe and order handling, batch processing, quality control, the fulfillment of required documentation obligations as well as the recording, processing, evaluation and allocation of media consumption in one system.

FIS is the manufacturer-neutral platform for integrating technical systems across the entire spectrum of automation. It serves as an information and data hub across the entire automation and knowledge pyramid, is intelligently networked, flexible and modular – and creates transparency in all areas of application. FIS is the management and operating level across the entire automation world.

One of the core tasks of FIS is to collect and process all relevant data and to be able to make the information obtained available in a targeted manner at any point, whether from the commercial systems or from the technical systems themselves. FIS overcomes the previous boundaries between the different trades and industries by creating efficient connections between them.

The overview gained in this way allows problems to be identified and resolved more quickly. Operating costs are reduced and the convenience factor is increased at the same time. Bringing together all the information that is relevant to you increases reliability, makes optimization and savings potential visible and provides you with a solid basis for further investment decisions.



Plus: Efficient energy data management

With the FIS Energy module, FIS can help you to record, evaluate and optimize your energy data – and thus determine and evaluate your energy consumption. In order to make optimization and thus savings potential clearly visible, FIS shows, among other things, energy flows and assigns them to cost centers flexibly.

The FISenergy module can be seamlessly integrated into the management and operating level



The FIS core areas



Industry

Seamless integration of machines and systems

In industrial use, FIS integrates machines and systems into intelligent production complexes and enables connection to ERP systems.

The recording, monitoring and evaluation of machine, production and order data ensures transparency in production.



Buildings

Successfully managing properties

In the building sector, FIS brings together the trades of a wide range of manufacturers on a platform with a uniform look and feel across all properties. In addition to the integration of heating, air conditioning and ventilation, access control, video surveillance, burglar and fire alarm systems, conveyor technology and entertainment systems are brought together in a uniform manner.



Environment

Monitoring and reporting for a green future

FIS meets the demanding requirements of a wide range of applications: from municipal drinking water treatment such as water softening with the CARIX process, clarification, storm water overflow basins or ultrafiltration systems to the control and monitoring of municipal swimming pools, thermal baths, complex energy centers, biomass power plants or even geothermal plants

Our core functions

Comprehensive and clear

Connecting and coupling

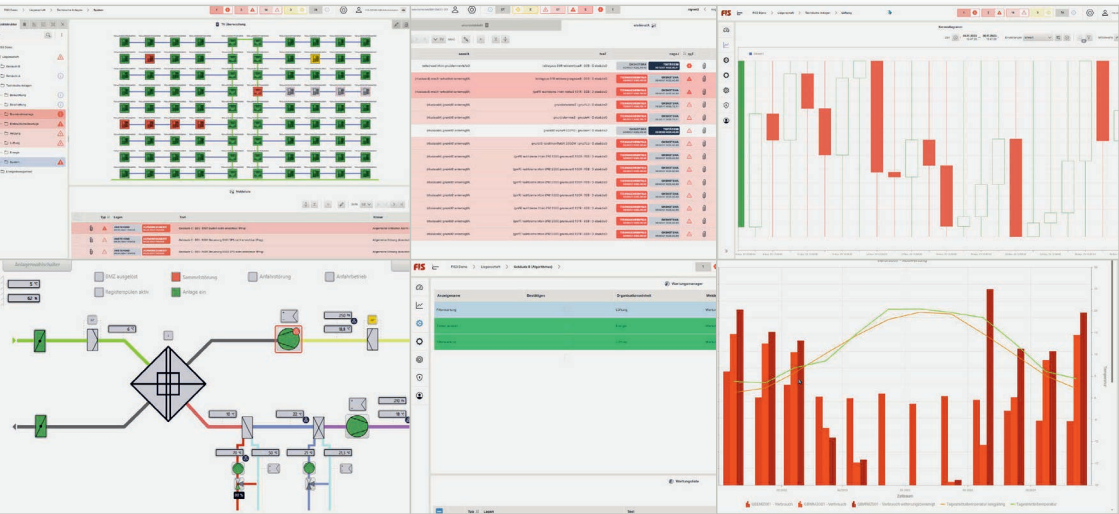
Connecting a wide variety of systems from all areas of automation and IT as well as data exchange with third-party systems.

Alert and forward

Location-independent system monitoring through versatile reporting with alarm, e.g. via email or SMS

Evaluate and analyze

Central data storage with a wide range of evaluation options as a basis for precise process improvement



Operating and monitoring

Intuitive operation of the entire system technology through the most modern operating concepts and the latest technologies

Maintenance and repair

Support of maintenance processes through integrated maintenance manager and connection to the strategic management level

Integrated energy data management

Recording, aggregation, evaluation and visualization of all data related to energy data management



Documentation and reports

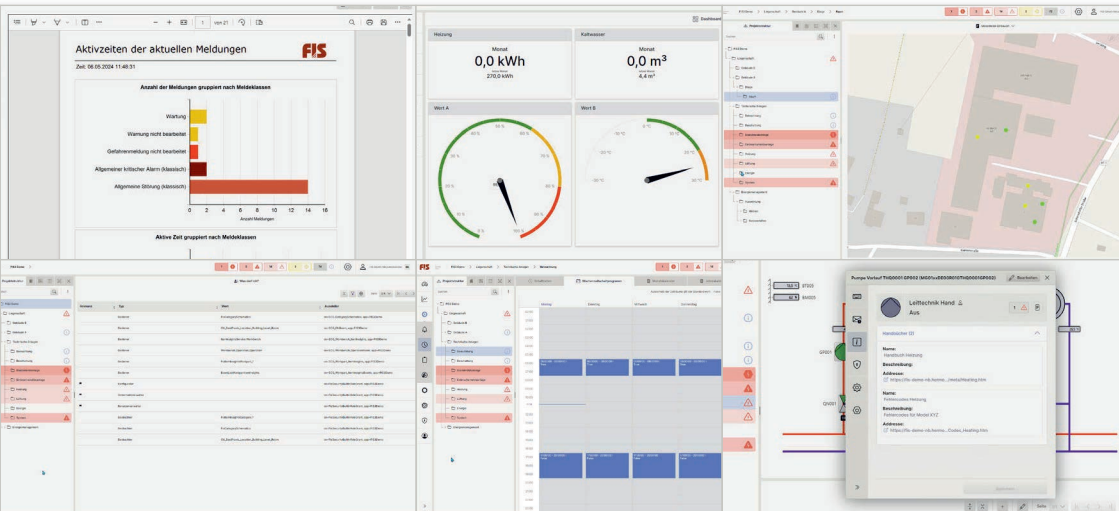
Comprehensive reporting and documentation through comprehensive reporting, automatic reporting and sending via email

Portal pages and dashboards

Quick overview of the relevant information through individual portal pages as well as user and context-dependent dashboards

Navigation in large projects

Clear, fast navigation in distributed large projects using QR codes, breadcrumbs, maps and hierarchical system representation as a tree structure



System monitoring and diagnostics

Control of all processes and operating actions through flexible recording options, also for audit trails

Time switch programs and calendars

Automated, system- and protocol-independent processes through integrated central time switch programs

Display and management of metadata

Context-related display and management of additional information according to customer and project specifications

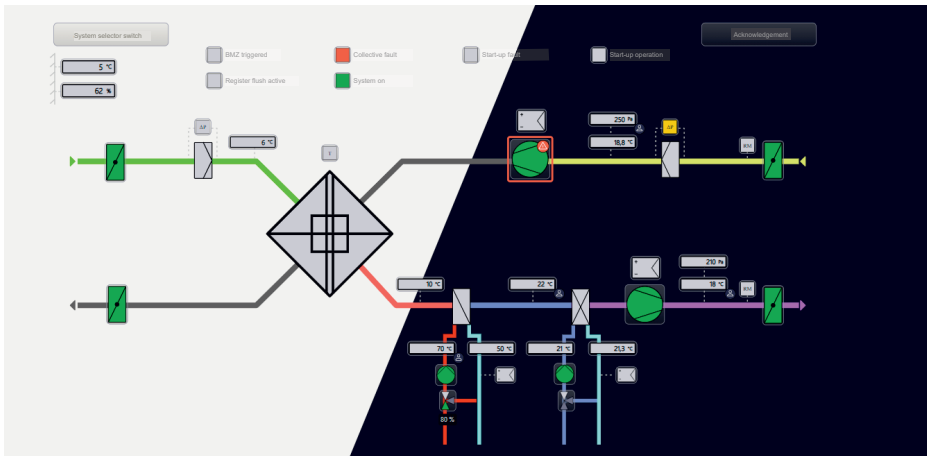
+ Additional features

High degree of customizability

- FIS is functionally, technically, structurally and therefore financially adaptable to all project requirements; it grows with its tasks.
- FIS is designed for cross-industry use with the highest requirements (industry, building technology, energy sector)
- With integrated tools and automatic mapping based on BAS/AKZ, it offers system experts the highest level of efficiency in project planning and commissioning.
- In large projects, FIS offers stability, performance and availability at the very highest level including support for distributed systems and redundancies.
- The right working environment for every task, every role, every know-how – highly flexible and the most important thing in focus, the user interface adapts to the tasks.
- Fully integrated energy data management without duplicate data storage or transfer between multiple systems, compliant with ISO 50001 and eligible for BAFA funding
- Due to its independence, you have a free choice of system houses
- The openness of FIS enables the development and integration of your own modules and functions

Light- and Darkmode

FIS offers seamless use of the entire software in light and dark mode.

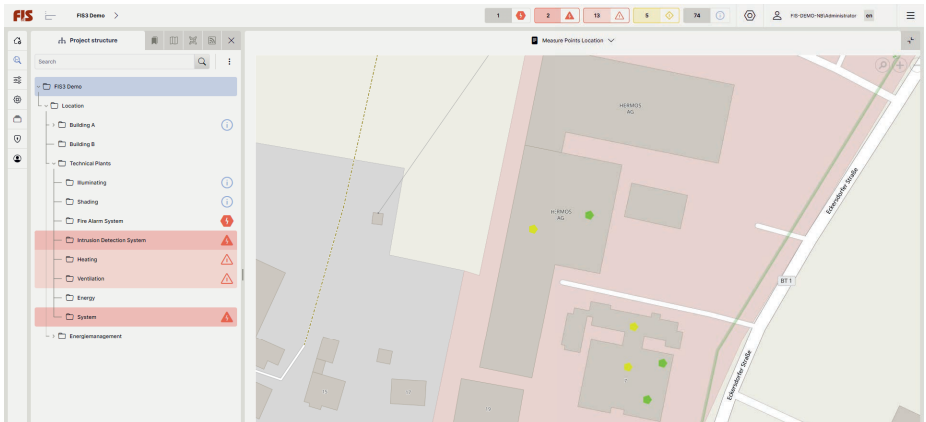


Navigation in large properties

Especially in large company complexes or for companies with multiple locations, targeted, well-thought-out orientation is immensely important. FIS offers you practical solutions that help you find your way around quickly and effortlessly – without wasting unnecessary time.

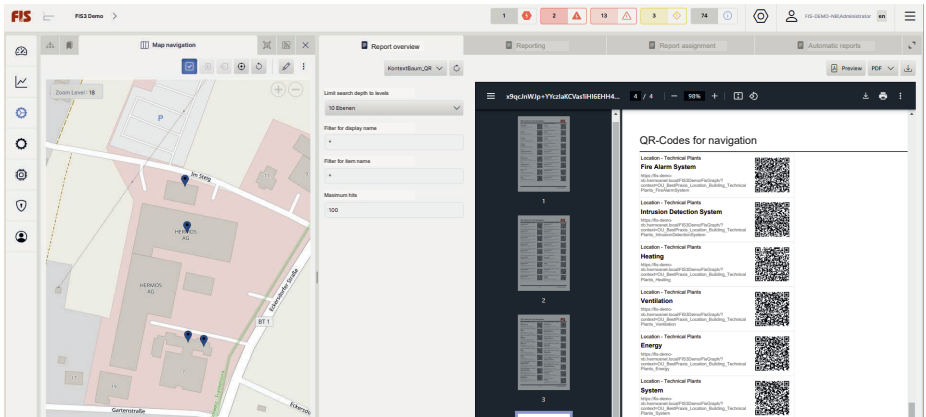
Navigation by map

Distributed facilities, national or international properties? FIS can easily handle that...Thanks to the integrated map, you can navigate intuitively even through complex company premises.



Navigation via QR code

FIS supports its own and customer-specific QR codes for identification – simply scan with a tablet or smartphone and the MBE opens with the associated visualization





AKZ/BAS/AKS
support

multilingual

modular

open &
manufacturer-
neutral

cloud-enabled

continuously
optimized

standards
integrated

secure

DIN EN ISO and
Amev

scalable

modern
interface

interfaces to
third-party
systems

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