

GZS 100, 150: CASE Suite

Improving energy efficiency

SAUTER CASE Suite is a software package for handling building automation projects. Its comprehensive, tried-and-tested library contains energy-efficient strategies and methods for consistent use. SAUTER CASE Suite is also highly flexible when it comes to adapting solutions to special circumstances, so that even very unusual customer installations can be efficiently operated in terms of energy.

Features

- Supports the whole process of a project, from the planning stage to the engineering, commissioning and servicing phases
- 'Nerve centre' for the project data and software programs
- Seamless integration of the solution libraries
- Safeguards the workflow between the specialist sub-programs (CASE Builder, CASE Engine, CASE Vision)
- Planning and documentation of the plant technology
- Commercial and technical project processing
- Creates the regulation, control and optimisation functions
- Puts the automation stations into service
- Based on Microsoft's Windows operating system
- Multi-lingual program (German, English and French) on DVD
- Licence is required for full use of the program



GZS 100, 150

Overview of types

i All licences delivered without CASE Suite application software

Type	Description
GZS150F010	CASE Suite Enterprise licence
GZS150F011	CASE Suite Enterprise licence, excluding servicing
GZS150F020	CASE Suite Enterprise time licence
GZS150F021	CASE Suite Partner time licence
GZS150F022	CASE Suite Designer time licence
GZS100F599	CASE Tools DVD, latest version (CASE TPC, CASE HWC, CASE Sun, novaNet292 SW etc.)
GZS100F699	CASE Suite DVD, latest version

⚡ GZS150F010: Includes a servicing contract for which an annual fee is charged

Accessories

Type	Description
0900360001	Hardlock VM

Summary of functions

CASE Suite is designed for commercial and technical handling of projects for building management systems as well as conventional control systems.

The **CASE Suite** platform includes the following programs:

CASE Builder

The CASE Builder program has been designed for rational use in technical project handling. Pursuing the principle of automatically re-using recorded values such as data points, equipment and their functions in the course of the project without having to re-enter them time and time again, a graphical program and Microsoft Office were used as a basis for developing a tool which meets this aim to a very large extent.

With its comprehensive library, CASE Builder efficiently generates all the necessary documents for design and implementation and adapts them to the specific requirements of the project. When putting together an installation (graphically or in a tree structure) from the existing function groups, all the necessary information is compiled so that the following items can be created at the touch of a button:

- Function descriptions
- Device, cable, motor and valve lists
- Data point lists, labels for automation stations (AS)



The project data thus obtained is saved in a project database and can be used for subsequent project handling and documentation. The process plans and data point information created by CASE Builder can be used by the SAUTER plant visualisation applications.

CASE Engine

The CASE Engine editor and integrated library enable you to quickly create the graphics for the plant-specific automation station software as part of the project. It can be used to create function plans and set the station parameters. Control procedures are graphically represented and therefore easier to monitor.

The programming is based on the IEC61131-3 (FBD) standard, which makes using CASE Engine even easier. As well as this, CASE Engine allows you to work in a team. With access to a shared project database, the same information is available to all members of the team at the same time (simultaneous engineering).

CASE Vision

The CASE Vision program is designed for simple creation of plant navigation trees and dynamic plant diagrams for various visualisation applications from SAUTER.

The project data from CASE Engine is used as a data point reference. The images and navigation structures are prepared using CASE Vision and subsequently displayed in the visualisation applications or refined as necessary.

CASE Library Management

The **CASE Library Browser** program is designed for displaying the installed library packages and components, and also for deleting them when necessary.

The **CASE Library Manager** program allows administrators to create and manage library packages and distribute them to the users.

CASE Library Import can be used for integrating additional library packages in the CASE package. This means they are subsequently available to users when creating the project.

Components:

CASE VAV

All the necessary settings for trouble-free operation of the ASV115 can be made in the menus of the CASE VAV software tool. As well as this, the most important input and output configuration parameters are factory-set for more efficient commissioning. Special online monitoring and troubleshooting functions are a useful supplement to the scope of functions.

CASE VAV Factory

User interface for downloading, with predefined configuration using CASE VAV, for the ASV115 VAV compact controller. Ideal for OEM customers and for operation by users with little or no experience in VAV applications. The application has the following advantages:

- ASV115 settings can be made with a few clicks of the mouse and without entering parameters
- Optimised throughput time when presetting the ASV115 at VAV box manufacturers
- Documentation of downloads in a log

CASE TPC (Touch Panel Configurator)

The CASE TPC software is designed for programming the EYT250 graphically. The software not only makes it easy to create the function interface, but also to configure and set up the EYT250 and to modify structures and parameters.

CASE Drives

CASE Drives is a program for setting up the SAUTER ASM105SF132 and ASM115SF132 damper actuators and the AVM105SF132 and AVM115SF132 valve actuators. CASE Drives allows you to set and read the actuator parameters in situ. Connection takes place using a serial interface on the PC.

CASE Sensors

CASE Sensors allows you to configure and monitor SAUTER sensors. All parameters that can be modified using hardware operating equipment can be set using this application. As well as this, it also makes other parameters available for setting, depending on the device. CASE Sensors supports the following sensors: SGUF010/011 travel sensor and EGP and SDX differential pressure sensors.

Tools:

The CASE Tools offer various useful functions, including:

CASE Export BACnet

CASE Export allows you to make information from the automation stations such as parameters of I/O modules (house address, address text, dimensions etc.) available to other applications.

The CASE Export BACnet program creates EDE (Engineering Data Exchange) files (Format 2) for BACnet stations (SAUTER EY-modulo 5) and makes them available to other applications.

CASE Export novaNet

CASE Export allows you to make information from the automation stations such as parameters of I/O modules (house address, address text, dimensions etc.) available to other applications.

CASE Export novaNet offers three functions: exporting BMT parameters without groups (BMT 5.1), exporting BMT parameters with all tables (BMT 5.1 All Tables) and exporting the EDE file.

CASE Import

During modernisation projects or if an old AS fails, stations from the EY2400 system are often replaced with state-of-the-art stations from the EY-modulo 5 system.

This is where CASE Import is used. The address designations of the EY2400 station do not have to be typed in again, but can be transferred from the EY2400-FuPlan project to a current EY-modulo 5 project with CASE Builder. As well as this, a terminal list with the old and new terminal numbers is created so that the existing equipment can be very easily connected to the EY-modulo 5 station.

BACnet Server Configurator

The IP address and other parameters of the novaNet-BACnet application master (EYK300, BACnet AS EYK220, EYK230 and EY-modulo 5 EY-AM300 communication card) are configured using the SAUTER BACnet Server Configurator software module.

The configuration is transferred via the serial COM port (DB9 connector) or the Ethernet / IP port and saved in a flash memory where it is protected from power failure. Data transfer via IP takes place using the fixed TCP port 51966.

Communication:

CASE HWC (hardware commissioning)

The hardware commissioning program enables you to efficiently check the automation station (novaNet AS) of the system and the connected field devices. After the hardware is commissioned, the program can be used for simple initial troubleshooting purposes.

CASE Sun

CASE Sun is the configuration tool for the automation and ecos stations in the SAUTER EY-modulo 5 range. CASE Sun enables you to perform the Ethernet network configuration, the 1:1 test during commissioning and update the firmware on the stations if necessary. CASE Sun is designed both for SAUTER service engineers and for electricians on site.

novaNet292 Configurator

The novaNet292 Configurator is for configuring the novaNet292 Ethernet access device and setting the IP address of the port number etc.

novaVPort

novaVPort starts the communication driver for virtual COM ports. After selecting the configured driver to be started, you can use the novaNet292 VirtualPort Monitor to view the status and various information (such as version information) regarding novaNet292. If no application is using the port, users can stop the novaVPort driver.

novaMit29x

novaMit29x is an analysis tool for the novaNet communication protocol. It can record data transfer from the network and then analyse it.

Licences:

The SAUTER CASE Suite is licensed using a software key.

The scopes of functions for the various licences differ as follows:

CASE Suite Enterprise

Unrestricted functionality for all CASE Suite applications

CASE Suite Partner

Functionality for the CASE applications required for engineering, such as CASE Engine, CASE Vision, CASE Sun. Other CASE applications are available in demo mode.

CASE Suite Designer

Functionality for CASE applications required for planning, such as CASE Builder. Other CASE applications are available in demo mode.

Intended use

This product is only suitable for the purpose intended by the manufacturer, as described in the «Summary of functions» section.

All related product documents must also be adhered to. Modifications to the product are not permitted.

Disposal

Data media must be disposed of in accordance with the relevant laws, separately from domestic waste. Please take them to an official collection point.

SAUTER is keen to ensure that all health and environmental regulations are complied with during recycling.