

## GZS 100: CASE Suite

CASE Suite is the common platform for all CASE programs (CASE Offer, CASE Builder, CASE Engine and CASE Tools). The software bundle supports the entire work processes in a project – from the sales phase through the engineering phase to the commissioning and servicing phases of building management systems and conventional control systems. Any data that are entered using a CASE Suite program – such as own and alien materials, services, data points, resources and their functions – are automatically made available to all CASE programs for further use. CASE Suite is based on the Microsoft operating systems Windows 2000 and XP.

| Type                | Description                                     |
|---------------------|---|
| <b>GZS 100 F001</b> | CASE Suite licence, Enterprise                  |
| <b>GZS 100 F002</b> | CASE Suite licence, Offer and Builder           |
| <b>GZS 100 F101</b> | CASE Suite licence, update, Enterprise          |
| <b>GZS 100 F102</b> | CASE Suite licence, update, Offer and Builder   |
| <b>GZS 100 F201</b> | CASE Suite licence, upgrade, OffBuil-Enterprise |
| <b>GZS 100 F699</b> | CASE Suite CD, latest version                   |



The **CASE Suite** platform comprises the following programs:-

### CASE Offer

CASE Offer was created in order to provide support for the sales personnel. It enables a price to be calculated quickly and efficiently, and then a tender to be drawn up from the information.

The calculation can be made as either a list or a tree structure. Furthermore, a project can be created with a technical structure (either graphically or as a tree structure), and the data, along with the structure, can be transferred at the touch of a button into the tender. The data – which need to be entered only once – are stored in the database in such a way that they can also be used later by the project engineers.

This tool also enables the sales staff to create a process plan to a customer's specifications quickly and professionally. In so doing, the sales personnel can use existing function-group standards and adapt them individually. The information linked with the created graphics can easily be added to the calculation.

When the order has been won, the data are forwarded to the project engineers and can be easily edited by them.

### CASE Builder

CASE Builder was developed in order to promote efficient working methods in the project engineering department.

Thanks to its extensive library, CASE Builder enables the user to create very efficiently all the documents needed for planning and implementation, and to adapt them to the particular requirements of the project.

When constructing an installation (either graphically or as a tree structure) from the existing function groups, all the necessary information is collated in order to create the following documentation at the touch of a button:-

- Function descriptions
- Device, cable, motor and valve lists
- Data-point lists, labels for the automation stations
- and so on.

For the commercial processing of the project, the order adopted by CASE Offer is used to create correction lists and invoices.

The process plans and data-point information created by CASE Builder can be adopted by the novaPro management software in order to visualise the installation.

### **CASE Engine**

The editor in CASE Engine and the integrated library enable the user to create very quickly the installation-specific software for the automation stations (AS).

The user can create function charts and set the parameters for the stations. Control processes are portrayed graphically, making them easier to check. The programming follows the IEC 61131-3 (FBD) standard and makes it easier to operate CASE Engine, which is simple anyway.

Moreover, CASE Engine promotes genuine teamwork. Having access to a common project database means that all members of the team get the same information at the same time ('simultaneous engineering').

### **CASE Tools**

CASE Tools places various useful functions at your disposal:-

#### **CASE TPC** (Touch-Panel Configurator)

This programming software enables you to program the EYT 250 graphically. It makes it possible to create the function surface, do the parameterising and put the EYT 250 into service; the structures and parameters can also be altered.

#### **CASE HWC** (Hardware Commissioning)

The hardware commissioning program is used to check the automation stations (AS) in the system and the connected field equipment. After the hardware has been commissioned, the program can be used for simple, initial troubleshooting purposes.

#### **novaMit29x**

novaMit is an analysis tool for EY3600 novaNet. It permits the data transfer on the network to be recorded and then analysed.

#### **novaNet292 Configurator**

The novaNet Configurator is used to configure the novaNet292, an ethernet access device. It can set the IP address for the port number etc.

#### **BMT-Export**

Using BMT-Export, information from the automation station – such as parameters of E/A modules (house address, address text, units of measurement etc.) – can be made available to other applications.