

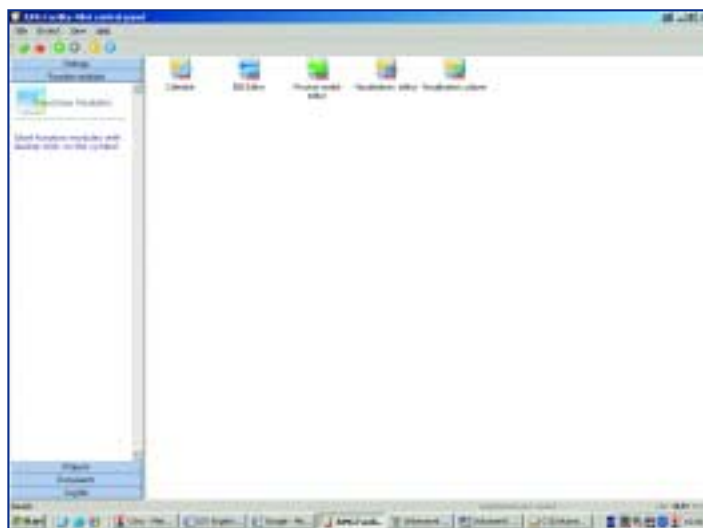
JUNG



Facility-Pilot

THE NEW VISUALISATION GENERATION

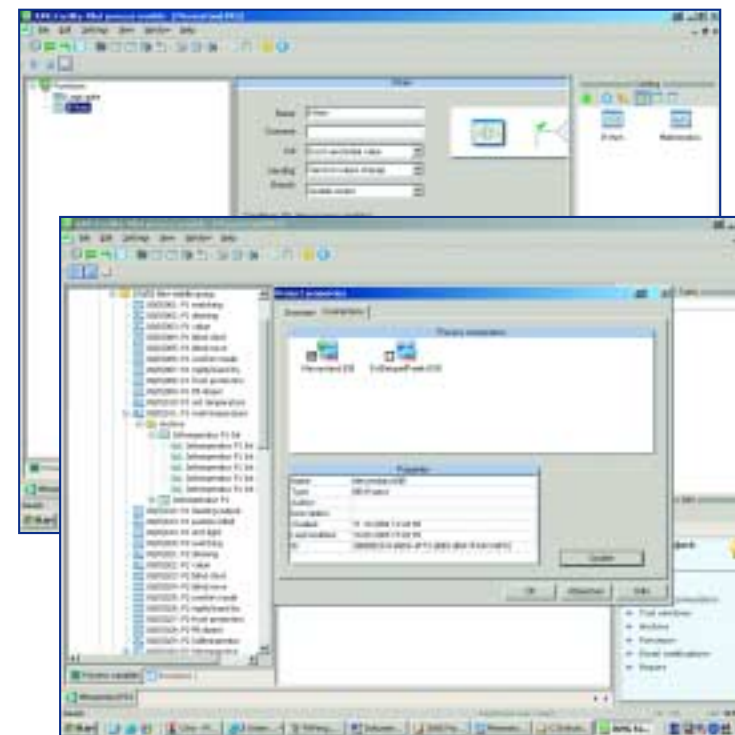
Facility-Pilot – the new visualisation generation



The JUNG Facility-Pilot is a flexible, interactive software for extensive visualisation and control of the building system technology KNX/EIB. Its areas of application extend from many different industrial applications through to up-market residential buildings. The software consists of individual modules such as the EIB editor, process model, visualisation editor and a comprehensive system control.

As central user interface, this system control provides a fast overview of the whole system with the individual modules, documents and project management. The Facility-Pilot brings flexibility, greater user convenience and easy handling to bus system management. The visualisation and control assist the user with interactive help and extensive documentation.

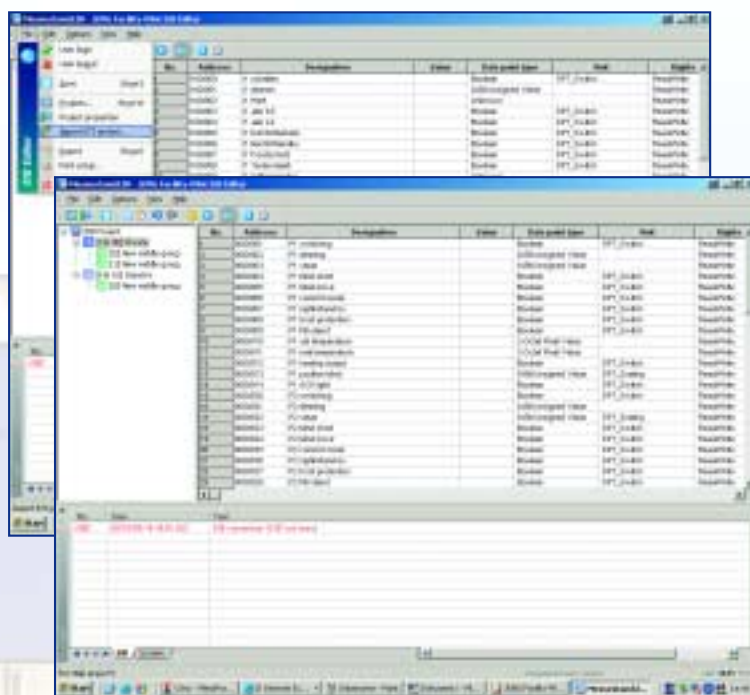
Process model – comfort and safety with perfect workflows



The process model summarises the device data from the EIB editor and generates complete work-flows from individual functions. It is also possible to combine different sequences, e.g. blind control adjusted to the time of day and light conditions. These functions can also be adjusted to simulate the presence of people in the building when it is unoccupied. The system thus also offers additional security. This aspect is reinforced if the KNX/EIB alarm system is integrated and controlled via the Facility-Pilot.

The process model requires a logical view of the project, offering for example mathematical and time-based functions, or also scenarios and workflows for lighting control and monitoring functions. The user can easily draw up his own rules for the management of his facility. To this end, "virtual devices" are created on the screen, archives are defined, e-mail notifications and alarm warnings are preset. If over the weekend a previously defined temperature is exceeded for example in office rooms with Facility-Pilot monitoring, the system issues a corresponding e-mail notification. Individual process data can be recorded systematically and value progressions exported to Excel spreadsheets or displayed directly as graphs or tables. These can then be used to check the energy bills.

EIB editor – the ETS interface



The main task of the EIB editor is to create the connection between the Facility-Pilot and the KNX/EIB. This editor can be used for a quick, convenient import of data from the ETS projects into the Facility-Pilot. For connection to KNX/EIB, the system uses the EIBA Falcon driver. No additional software is needed. The KNX/EIB group addresses can be allocated either automatically by Drag&Drop or manually. Start group functions make it easy for the user to stipulate differentiated start behaviour of the system. In addition, the EIB editor works as a diagnosis tool in the system. For example, it assumes evaluation of the KNX/EIB telegrams and shows them in plain text. This gives the user perfect control of his bus system.

Visualisation editor – presentation with system



The visualisation editor presents the whole bus system as a model on the screen. The user has virtual access to devices and can make settings which apply to the bus system. The layout of the corresponding building can be shown for clear, convenient operation, and symbols for lighting, blinds or central heating can be allocated individually from an icon library.

Visualisation is based on individual work sheets which can be stored in unlimited numbers in the system. Next to the main presentation area, the right-hand side of the screen shows a working and help section which the user can set up according to his individual needs. In the interests of a clearer presentation, the system is organised in levels - one level each for the static, dynamic and link functions, which can be shown and hidden again depending on the particular work phase. In this way, it is possible to adjust functions for the whole building in succession. The visualisation system is rounded off by an extensive interactive help function which the user can call up at any time.



Software requirements:

Windows 98 SE, ME, 2000, XP, Internet Explorer 6, DirectX (version 9b), Acrobat Reader

Administrator rights are required for installation under Windows 2000 and XP. Acrobat Reader, Internet Explorer and DirectX are supplied with the package.

Recommended installation sequence:

1. Internet Explorer
2. DirectX
3. Facility-Pilot
4. Acrobat Reader.

Please note: For unlimited operation in time, the software must be enabled using the software button (enable code) within 20 days after installation.

Hardware requirements:

Processor: Pentium IV or equivalent, min. 1.2 GHz
 Main memory: 256 MB
 Free hard disk capacity: 40 GB (depends essentially on the archives being configured)
 Screen resolution: 1024 x 768 pixel
 Colours: Colour depth min. 16 bit per pixel
 Interface: Serial or USB interface for use with FALCON
 Internet link: Required for e-mail notification

Software Version	Art. No.
Planner version	FAP-PLANER-GB
Version for 50 data points	FAP50-GB
Version for 300 data points	FAP300-GB
Full version	FAPVOLL-GB

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