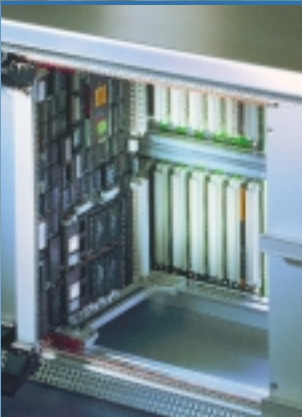


ePLAN[®] *PPE*

The tool for planning complex electrical instrumentation
and control systems

Process Plant Engineering



The optimum system for open markets



— EPLAN PPE is very impressive in that it offers a high degree of planning confidence, time savings and cost cuts to help boost your competitiveness. The extensive range of potential applications guarantee consistent process plant engineering.

The future poses new tasks

Process plant engineering is currently in the throes of rapid development. Ever more complex tasks, globalised markets and increasingly interlinked process chains represent an enormous challenge. More and more frequently, tasks are being solved within the context of international teamwork between a number of different companies.

These new development and work techniques demand open, flexible systems which support cooperation beyond company and country borders.

Open for communication

EPLAN PPE is the optimum tool for successful, international cooperation for the planning and implementation of electrical instrumentation and control projects.

As well as maximum compatibility of data and services, the extensive range of powerful interfaces, with full use of modern communications channels, supports collaboration with partners in all corners of the globe.

This mobility and flexibility is equally effective in an internal environment. Hence, EPLAN PPE facilitates and automatically advances adaptation and modernisation processes within your own company.





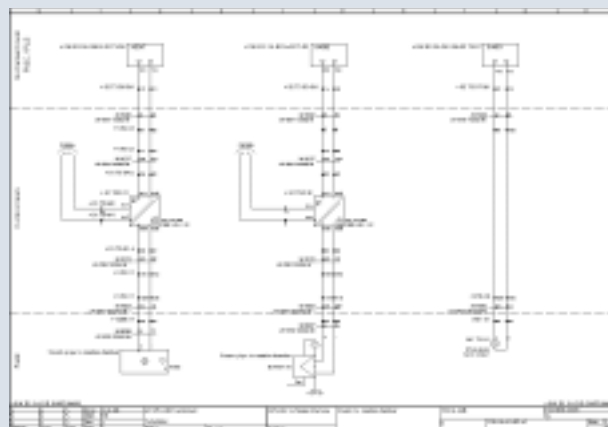
The sample features speak for themselves:

— Multi-user functions; Windows interface with Windows functions; networkability; optimum planning control and confidence thanks to a complete, freely configurable status overview.

Performance and ease of use

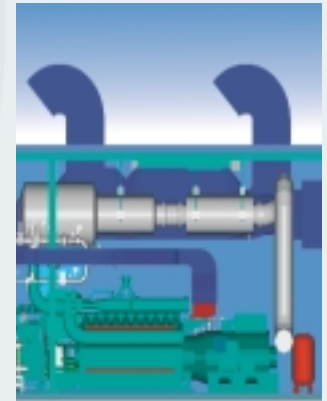
The overall concept behind EPLAN PPE is geared to the current requirements of measurement, control and automation technology. The decisive factor for standardised working is integration of the PCT loop concept based on the NAMUR recommendations. These NAMUR guidelines on process instrumentation and control are supported in full by EPLAN PPE.

Its practical orientation and ease of use make EPLAN PPE an efficient tool for modern process plant engineering. Tried-and-trusted methods and innovative developments have been united in an extremely powerful solution.



EPLAN PPE provides you with the flexibility you need:

- Freely selectable entry into the project planning process; individually adaptable specifications and documentation; simple handling for beginners and professionals alike.



Mobility in every phase of the project

The open system architecture of EPLAN PPE facilitates data exchange between the departments involved, which is particularly critical in the planning phase of a project. External data can likewise be effortlessly incorporated. For this purpose, we offer a variety of concepts for interfaces, as well as import and export functions. In this way, time-consuming multiple inputs and potential sources of error are avoided.

Flexible project handling

Flexibility from start to finish

On the one hand, EPLAN PPE offers an easy entry into the project planning of electrical instrumentation and control for beginners, whilst on the other, it also caters to the professional user's every need.

At the start of planning, it is often the case that not all data is immediately available. For this reason, depending on the starting situation, you can simply commence working at a point of your choice, e.g. with the plant structure, the device specifications or the cable data. There is no need for a chronological, sequential approach. In many cases, it is not necessary to wait until upstream project planning phases have been completed. You can start work immediately and efficiently on your chosen area.

The individual design and adaptation of the various specifications and documentation is therefore flexibly supported at all times – tailored to your specific requirements. The data structures may also be modified and extended during project planning.

The flexible form editor provides

you with design freedom:

— Incorporation of your

customers' special require-

ments and specific standards;

versatile, freely positionable

graphical components; exten-

sive font and colour settings

Modular layout for your individual requi

Always in the picture

EPLAN PPE is designed to enable you to retrieve all the required information at any time. An automatic revision mechanism will keep you permanently up-to-date. This means that you can provide your customers with a detailed cost calculation very early on – for example, on the basis of component data or the measurand and functions of the PCT loop. An integral form editor helps to ensure an optimum appearance of your documentation.

Part of a powerful family

As a Rittal subsidiary and part of the Friedhelm Loh Group, EPLAN is a healthy and vital company which guarantees the security of your investment. Our corporate principle, "process2success", marks us out as a supplier of complete solutions. In addition to our comprehensive product portfolio, we also offer a broad range of services for customisation and integration of the system within your company. In this way, we offer you genuine planning confidence and a top-class service in the long term.



ePLAN® PPE

requirements

Modular diversity

The tasks involved in process plant project planning are very extensive. Preparation of the flow diagrams, pre-planning and planning of individual PCT loop data and device data, through to detailed planning, evaluation documentation and the EPLAN link for automated production of the wiring diagram; every task poses different requirements. With this in mind, EPLAN PPE has been designed with a modular structure.

— PPE P&ID LOGOCAD TRIGA

is used for the preparation of flow diagrams with LOGOCAD TRIGA and includes a direct online link to the EPLAN PPE database

— PPE P&ID AutoCAD

is used for the preparation of flow diagrams with AutoCAD and includes a direct online link to the EPLAN PPE database

— PPE Viewer

is the module for viewing the project documentation, including print option

— PPE Basic

is the module for the field of pre-planning, incorporating the following data groups: Plant structure, PCT loops, device data, specifications, related documentation, extensive import and export opportunities, as well as a programmable interface (API)

— PPE Detail

contains the same functional scope as the Basic module, plus a number of additional functions for detailed planning: Definition of central facilities (location view, panels, distributors, terminals) including connection data (cables, wiring and shuntings), and preparation of the related documentation for evaluation of the detailed data

— EPLAN PPE

is the complete package – optionally with links to EPLAN 21 or EPLAN 5 – for automated generation of wiring diagram based on the project data logged in EPLAN PPE



— In order to accommodate your company-specific requirements, we provide customisation and individual extensions – with the aid of the API interface and our extensive range of services. In this way, EPLAN PPE may be integrated into the workflow of your process chain to optimum effect.

We are wherever you are – worldwide!



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Presented by: