

EPLAN Preplanning

EPLAN Preplanning enables you to save engineering data early in the preplanning process. This data can include actuators and sensors for a plant system, machine or building. You can import data from external tabular sources and also enter plant system or machine overviews and graphical process and instrumentation diagrams. This allows you to quickly generate initial data sheets or specifications for materials procurement. You can also access the data collected in EPLAN Preplanning to use in downstream planning phases in engineering.

Added Value & Features

Integrated Digital Preplanning

With EPLAN Preplanning, you can carry out initial planning tasks for process automation or automation technology in the engineering process on EPLAN Platform. Collect important data such as the sensors and actuators for a plant system, machine or building.

P&I Diagrams: Preplanning of Plant System Overviews

Use EPLAN Preplanning to create plant system overviews (P&I diagrams) with PCT loop acquisition and management.

Structured Data Collection

Information about machines or plant systems as well as process and instrumentation data can be collected and managed in a structured way. This ensures clarity and transparency, even for complex systems.

Data Imports

Import data from external tabular sources and seamlessly process it in EPLAN Preplanning. The data can then easily be transferred for use in detail planning.

Information for Materials Procurement

Quickly create initial data sheets or specifications so that materials procurement can get off to a structured start in the preplanning phase.

Graphical Entry

Enter graphical representations of plant systems or machine overviews as well as process and instrumentation diagrams. The clear visualisation of your first planning steps will be carried over

into downstream project phases.

Basic Preplanning Data

Plan the basic information early in the process such as signal data, piping data or wiring data for better orientation within the project.

Building Automation

You can also use EPLAN Preplanning as a solution in the field of building automation, for instance for the basic design of automation for climate control systems.

EPLAN Application Programming Interface (API)

With the EPLAN API development environment the doors to your individual further development of EPLAN Electric P8, EPLAN Fluid, EPLAN Preplanning and EPLAN Pro Panel are wide open. The development environment offers you an efficient possibility to implement your own required functionalities or automatic functions. With this individual customization in the core of EPLAN you can optimize your engineering workflow specifically.

Faster task-based processes

In the productive phase the EPLAN products can be integrated fully into your individual workflow through the API Runtime licenses. Use of the overall solution is thus facilitated for all participants. Processing times, planning errors and training times can be reduced. Users of other programs can use EPLAN functions and data without having to leave their original work environment. Results are thus available faster and more economically.