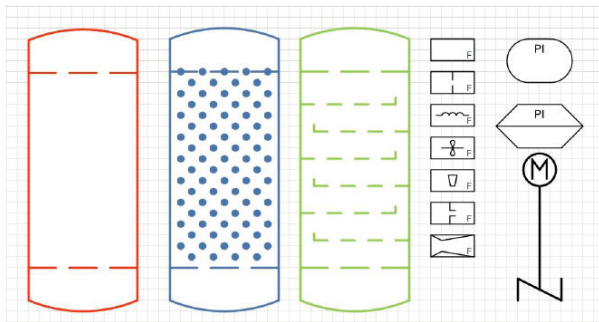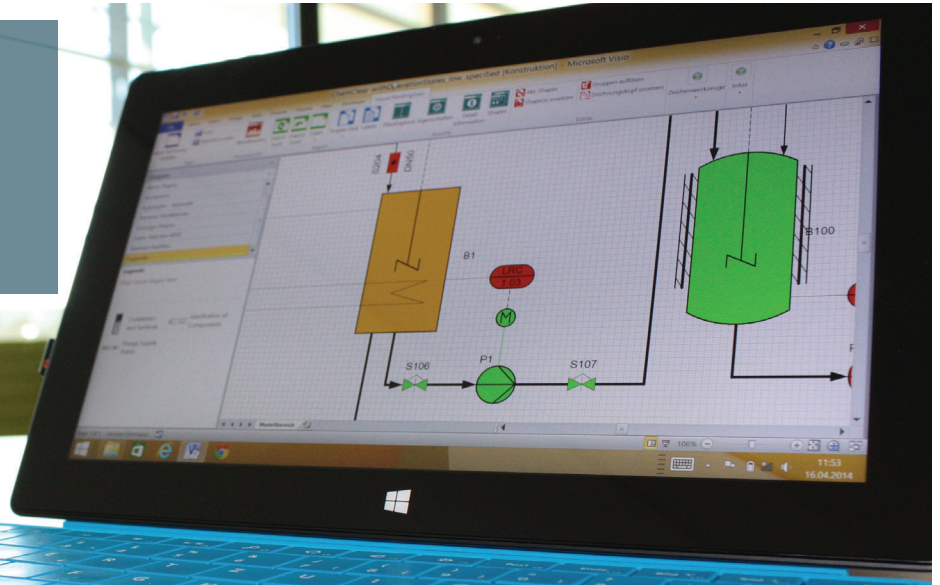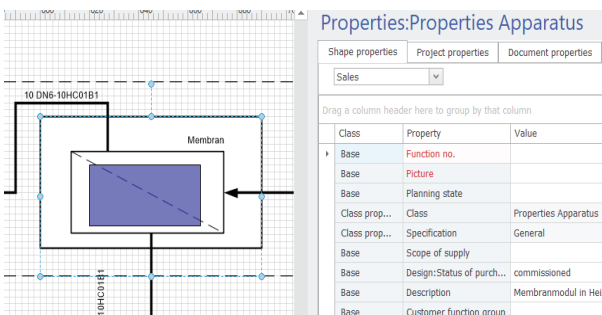# FEATURES 2019

XVISUAL
Engineering Software

P&ID software for engineers
With PlantEngineer you will create intuitively intelligent flow diagrams, plant engineering and construction documents
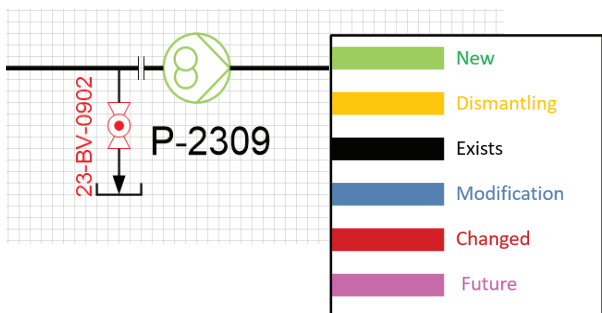
Symbols according to industry standard

Get access to over 1.000 smart symbols and MultiShapes of ISO10628-2, DIN28000, DIN1861, DIN EN 12792 and ANSI/ISA-5.1-2009. MultiShapes enable simple switching from basic to special symbols. With the comprehensive library you can create your P&IDs even faster and intuitive.
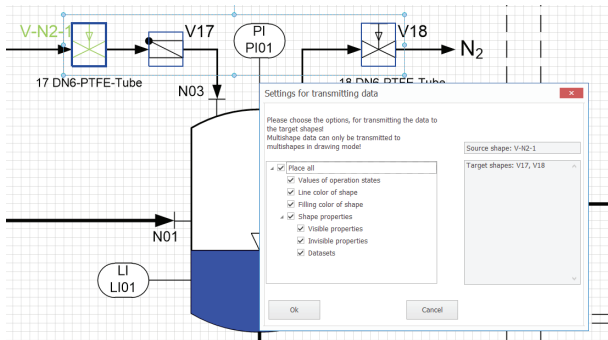
Create your own intelligent symbols

You can create your own library symbols by using PlantEngineer's additional property shapes like apparatus, aggregates and pipe components.
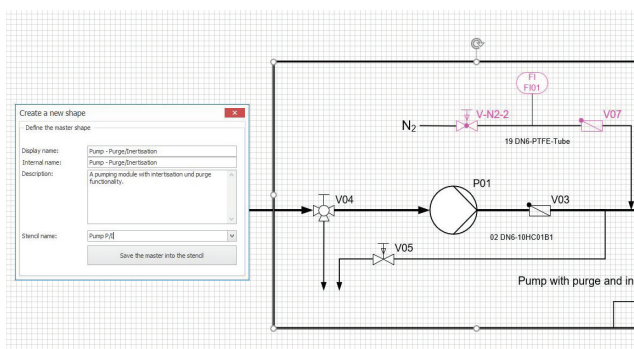
Visualize the planning status with „color by value"

The planning status of each component can be visualized by colors. When changing the component status in the propertiy list the color of the selected symbol changes automatically. This allows a quick view on the planning progress of your construction.
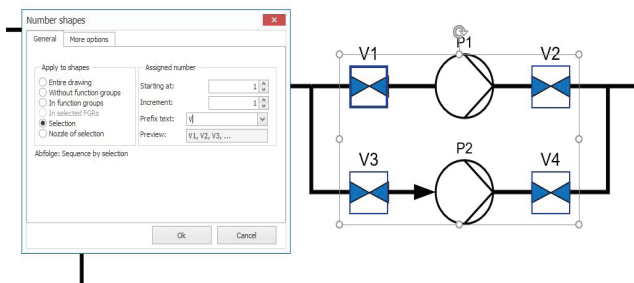
- New
- Dismantling
- Exists
- Modification
- Changed
- Future

Simplify Your Engineering

Easy transfer of symbol properties

The new function "paste data" allows a fast copy and transfer of properties from one to another symbol. You can select which information and data shall be transfered just by few clicks. Choose between visible properties, data sets, values of operation states, line color or place all properties of the symbol.
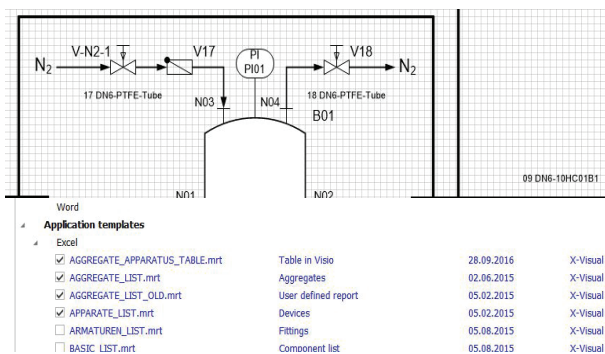
Save assembly units as master shape

Defining assembly units is now much easier then ever before. By selecting all required symbols you can create individual assembly units of your plant very quickly and uncomplicated. The assembly units are available for your projects in your own library at any time.
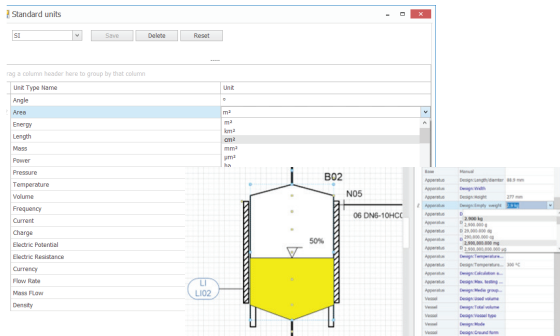
Automatic numbering

The new tagging function enables automatic numbering of all symbols including your own. You can choose between automatic or manual numbering. Symbols with intelligent tags get their associated prefix like P1 for pump.

MultiReports for fast documentation

Create individual reports in an instant. Select all components that you want to document in a list by one click. Choose the reports which should be created and updated at once. By using MultiReports you can create the whole documentation of your plant in a few steps.

Define standard units

You can define which unit shall be used as standard in your process flow sheet diagram for each deposited unit group like temperature, legth and area. By easy switching in the property list the inserted value will be converted into any other unit of this group.

Auto nozzles & nozzle list

The new automatic nozzle generations speeds up drawing even more. Document the plant's nozzles and apparatuses thanks the pre-designed nozzle list. Create the list per mouse click. The nozzle list consists of information about the connected pipes, nominal diameters, pressure stages, materials and media.

Adaptation to your coporate identity

Deposit the company information and the logo of your company in different image resolutions as a template. The logo and information will be integrated in all reports in Excel, Word and PDF automatically. Complex customizing is not necessary.

Improvement of the performance

By using the drawing mode you can create large P&IDs more quickly. Reports are generated significantly faster. The design and the management of reports has been simplified.

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Simplify Your Engineering