

Model and Visualize Processes

A visual representation of the process makes it easier for all stakeholders to access process information and enables close and networked cooperative relationships between different company areas and departments. PLATO e1ns offers a central tool in project planning. Production and assembly processes are developed parallel to product development. They serve as the basis for planning, calculations and project discussions with customers.

A process can be split up into as many sub-processes as required, making it possible to specify the entire process chain in detail.

All process elements and links are automatically carried over to a system structure that is used as the basis for activities in the product development process. Further development steps link the process structure and the product structure with each other, creating a shared system representation.

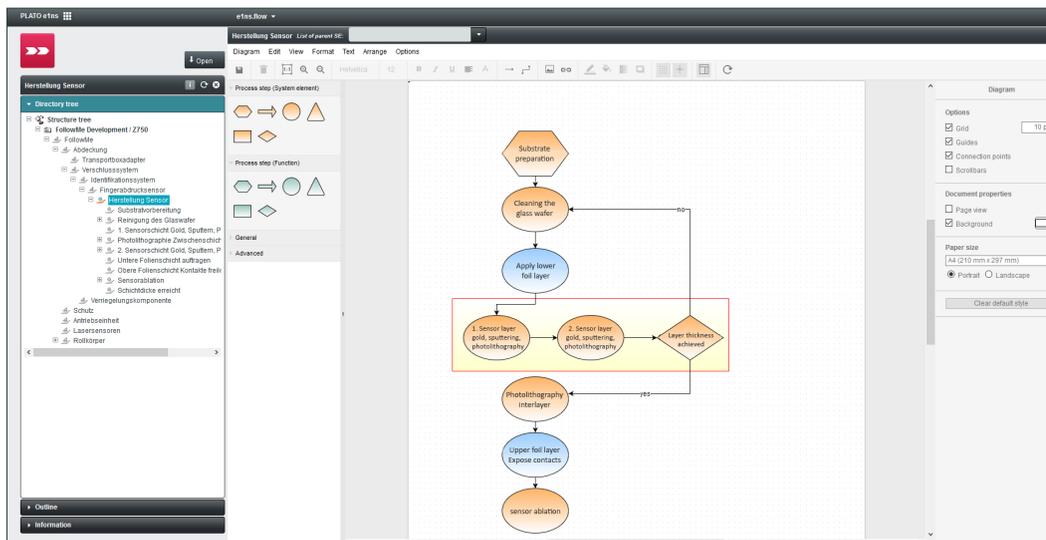


Fig.: The process is modeled and visualized.

Functions and Benefits of e1ns.flow

- Different areas work on a shared process and system representation
- Up-to-date data is always available
- Duplicate work is avoided and the maintenance work is minimized
- Quick start to process modeling thanks to intuitive user interface
- Work via web browser - a local installation is not required

Primary Focus and Functions of e1ns.flow

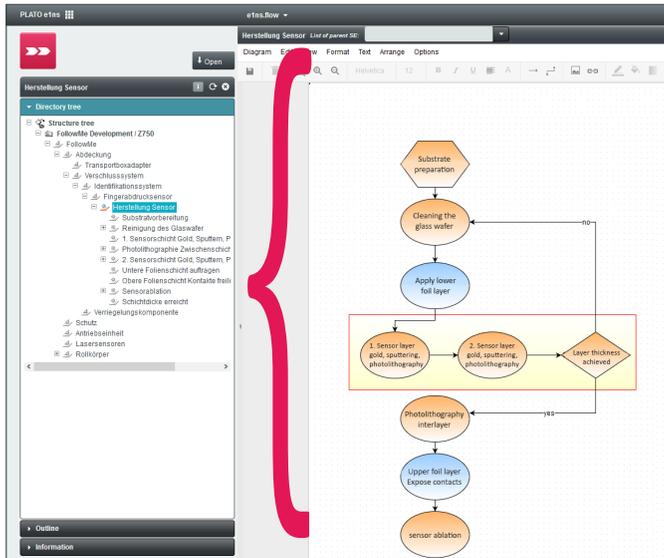


Fig.: The process is automatically transferred to the tree structure.

Modeling Processes

- Standard forms are provided for process steps.
- Additional forms are available for the purpose of illustration and entering comments.
- Images and photos are integrated directly into the worksheets.
- New process steps can be created or existing processes can be integrated into a process flow.
- If necessary, custom templates can be implemented for different corporate divisions/manufacturing processes.

Easy to Use

- Simple, intuitive operation in the web browser.
- The graphic interface displays all elements of a process.
- Elements are created to build a process or existing elements are simply dragged into the interface and dropped at the desired location.
- A process can be divided into any number of levels (additional worksheets).
- Process steps are linked to each other to describe the process flow.
- Connections between process steps can have properties (e.g. Decision: yes/no).

Integration in the PDP*

- The process flow chart is needed early in the design phase of a new product.
- Modeled processes are automatically converted to a tree structure.
- The tree is used as the main process representation to conduct further analyses: specification of the process characteristics, risk analysis, control plan, etc.

