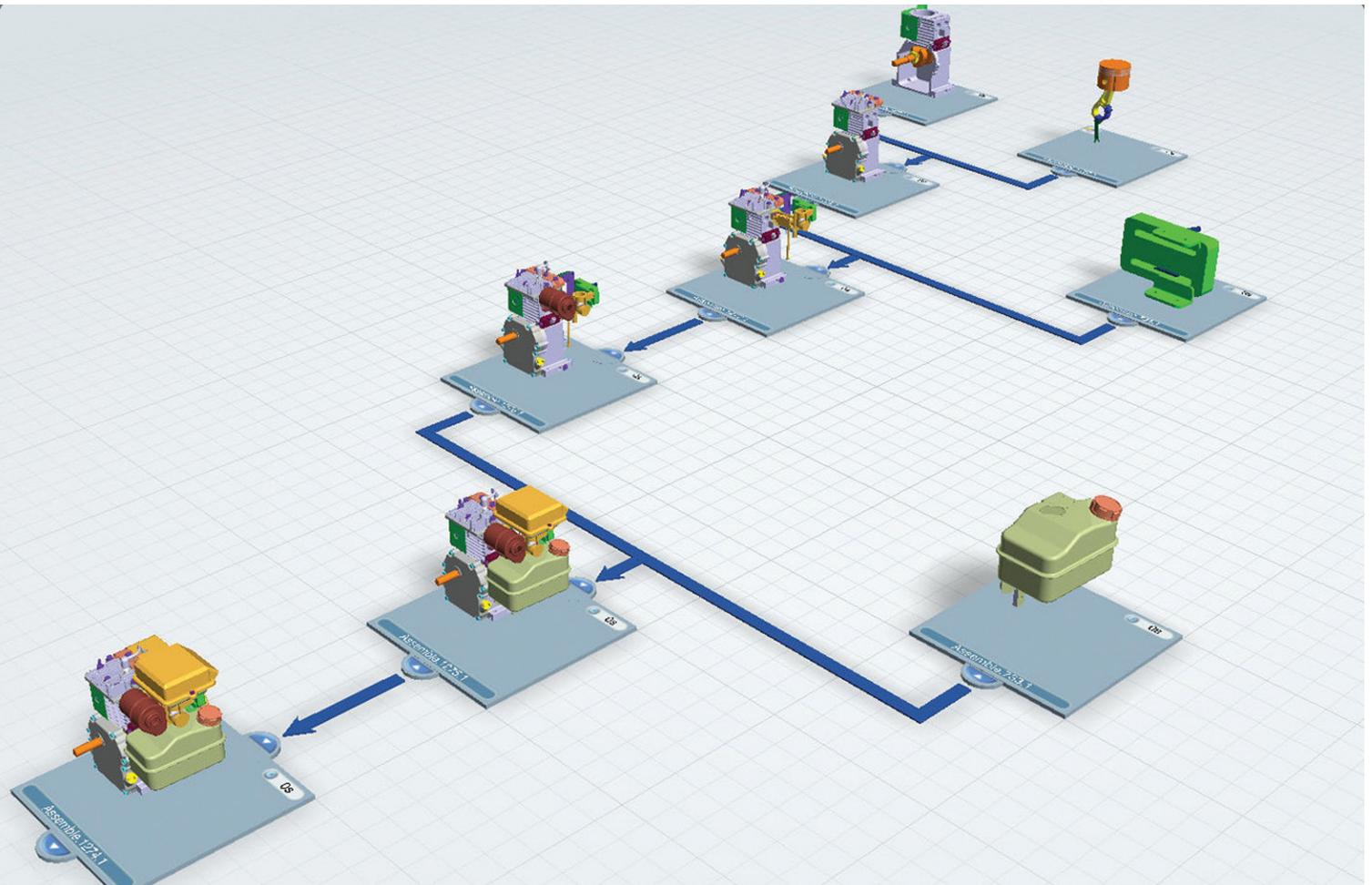


# PROCESS PLANNING

Datasheet



## PROCESS PLANNING FOR ALL INDUSTRIES:

A COLLABORATIVE ENVIRONMENT  
TO EFFICIENTLY DEFINE AND  
VALIDATE PROCESS PLANS.

DELMIA Process Planning (PRP) delivers essential process planning capabilities within the V6 virtual 3D environment for all manufacturing industries. Process planners can efficiently create and validate an initial process plan using the product structure from product engineering; modify the plan to specific requirements; and link product and resources to the steps of the plan. Planners can also perform standard time studies and balance the workload between resources. These plans can then be leveraged by downstream stakeholders, minimizing rework as they enrich the plan from concept to execution.

## AUTHOR AND MANAGE MANUFACTURING PROCESS PLANS IN A COLLABORATIVE ENVIRONMENT

Planners can intuitively link the product components to each step of the plan using simple drag-and-drop techniques or by using advanced 3D Smart Zoom capabilities.

## AUTOMATICALLY GENERATE PROCESS PLANS BASED ON PRODUCT STRUCTURE

DELMIA Process Planning can automatically generate an initial process structure based on the definition provided by the product designer. The planner is then able to make the desired modifications to the plan by simply dragging and dropping parts or entire process nodes from one step in the plan to another.

## BALANCE OPERATIONS IN THE MANUFACTURING SYSTEM

With the Manufacturing System Gantt function, users can manually balance operations, achieving the desired cycle time by dragging and dropping operations between manufacturing systems. When moving an operation to a manufacturing system, the planner can check the utilization of the system and assigned resources.

## IDENTIFY THE PROCESS PLANNER'S SCOPE OF WORK WITH A SINGLE CLICK

DELMIA Process Planning provides a one-click, product assignment status function that allows planners to easily determine which parts have not yet been assigned in the plan. Once unassigned parts are identified, planners can easily drag-and-drop them to the desired operation in the process plan to ensure its completeness.

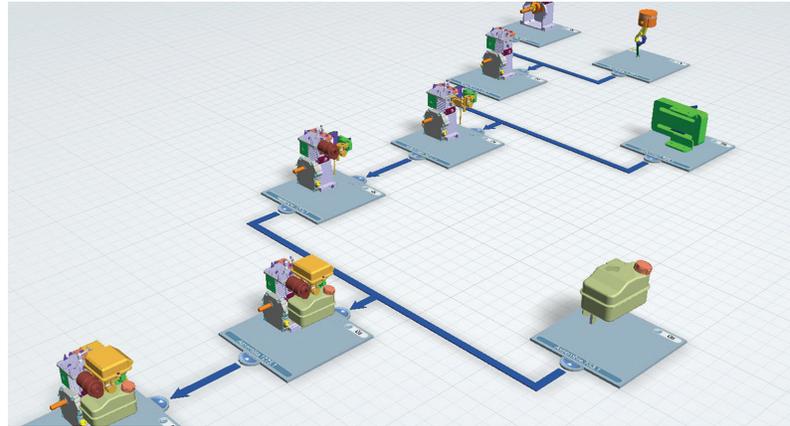
## PRODUCT HIGHLIGHTS

- Define and manage the process structure and manufacturing system
- Perform time analysis based on industry standards
- Validate operation sequences in 3D
- One-click view of scope of work
- Use process plan and manufacturing system templates to capture IP

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Automatically generate an initial process structure.