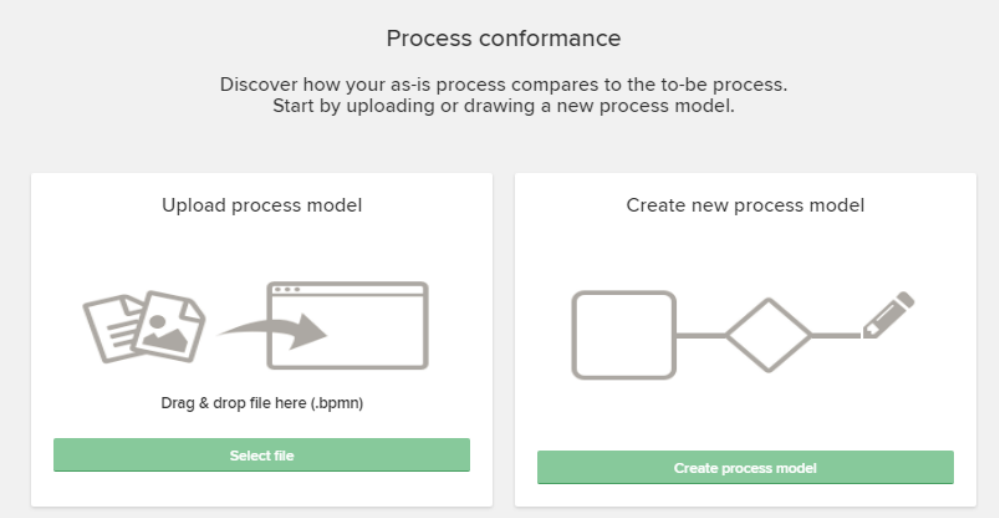
Process Modeling

Create a target process

PI Conformance allows you to either upload an existing BPMN model or to create a new target model in the build in process modeller.

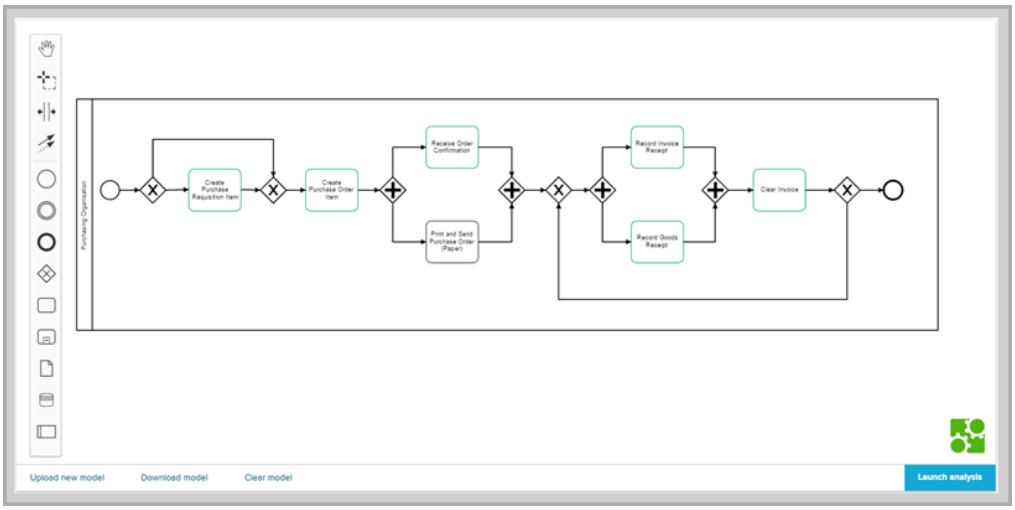
In both cases the **Business Process Model and Notation** is used.



Create a new target process from scratch

This screen lets you edit (or create) a process model.

As already mentioned, your process will be compared to this process to analyze derivations.



Uploaded Model

If you uploaded a process model, it will be inserted in this editor.

The graph follows the rules of the BPMN notation.

You can drag & drop any objects from the object bar to the editor:

In the following, all symbols are explained in detail.

Hand Tool

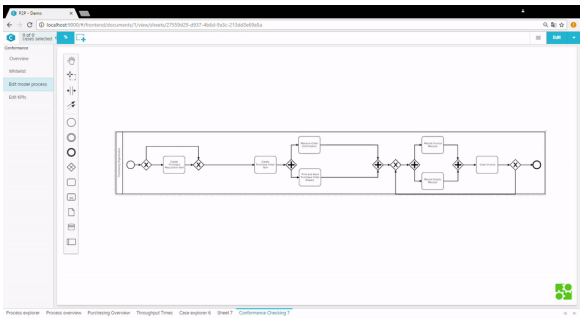
Use the hand tool to navigate through the editor. You can (left-)click on any white space in the editor, and move the editor around.

Lasso tool

With the lasso tool you can select multiple objects at once. Start at any point in your graph and adjust the squared lasso area to cover all desired objects.

Space tool

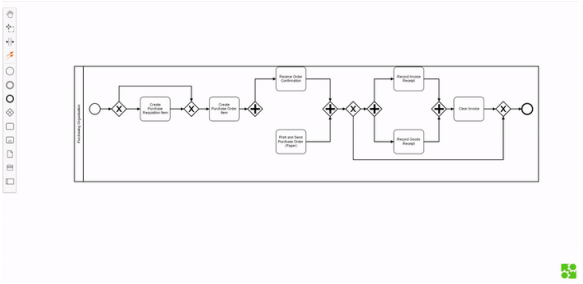
With the space tool, you can add/remove space between two objects. Any transitions between these objects will be adjusted automatically.



Global Connection tool

With the Global Connection tool, you can connect any objects.

Choose the tool and hover any object in the model, to check if it is available for connection. It will highlight green if it is, red if it isn't.



StartEvent

All process models have to include starting activities.

Each sub-processes have to consist of exactly one starting activity.

Place this object anywhere on your sheet.

A Starting Event is required!

Intermediate / Exception

An Intermediate object is used to channel specific cases out of tasks.

However, they are not relevant for PI conformance and will hence be ignored.

EndEvent

All process models have to include ending activities to terminate the process model.

Just as starting activities, all sub-processes have to consist of exactly one ending activity.

Place this object after the last task/gateway in your process model.

Gateway

A gateway is a decision. You can choose between the following gateways:

Exklusive Gateway (default): This gateway considers only one process variant ("OR")

Parallel Gateway: All connected variants will be considered ("AND")

All other gateways are not relevant for Celonis process flows.

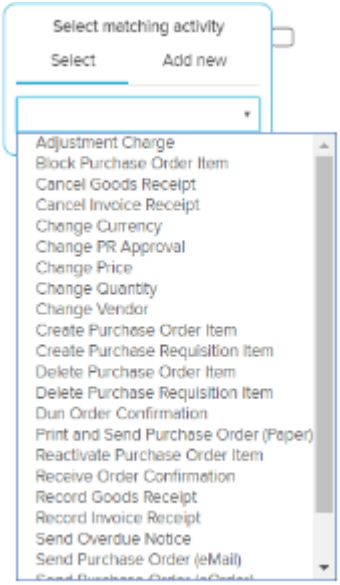
Hover any gateway and pick the icon to change the gateway.

Task

Tasks are the basic entities in a process model, and are used to filter for activities.

Activities can be selected for each task.

Drag&drop a new task into your process model. The following menu will appear next to the task:



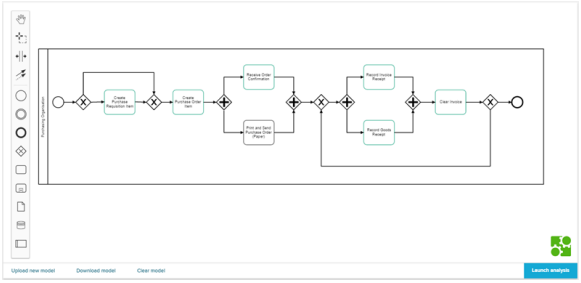
All activities that are available in your datamodel will appear in this view.

Choose any activity from the dropdown list to continue.

> **Please note**
>
> You can only select one activity for each task. However, you can make use of an unlimited number of tasks, to include more activities to your process model.

Pool

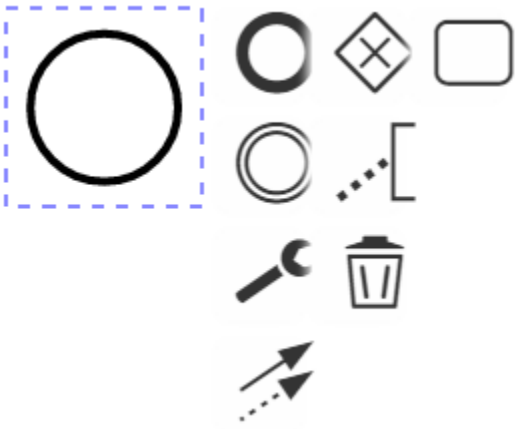
You can use a pool to group different sub - models.



However, a pool does not have any influence on your actual process flow.

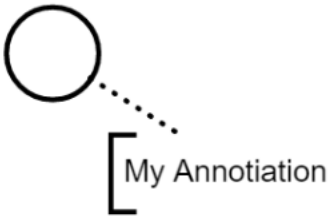
Tools

Every entity above comes with some tools, that can be used to configure your entity:



Use the  icons to create a new entity. It will be connected to your previous entity automatically.

You can add **annotiations** to any object using the  icon:



Use the  icon to **delete** the selected object from your process model.

Use the  icon to connect your object to another object.

Please Note

BPNM offers far more possibilities, than described in this section.

However, these are sufficient to configure your desired process model.

If you want to know more about the BPNM, please refer to the official BPNM documentation.