Help Santa Clause deliver presents to the children of this world!

Santa has a factory (hidden at the north pole) where his Elves manufacture AI-enhanced dolls.
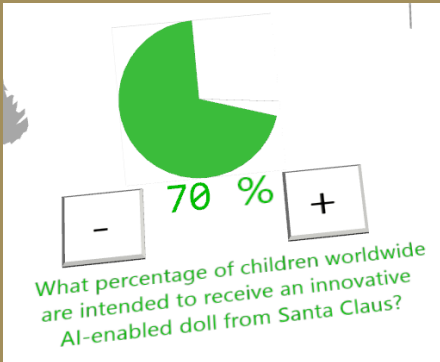
You need to design the factory correctly to ensure all children receive a present!

Step 1:
Demand Planning

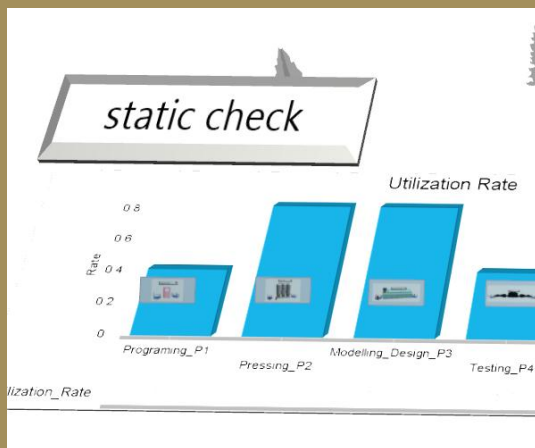How many presents are needed? There are roughly 2 billion children on this planet.

Decide how many of them were well-behaved and should receive a present.

70 %

[-] [+]

What percentage of children worldwide are intended to receive an innovative AI-enabled doll from Santa Claus?

Step 2:
Check the Capacity of Santas Factory

Manufacturing the AI-enhanced dolls requires 6 process steps.

Run a static check to see the expected utilization based on the process time and number of stations per process.
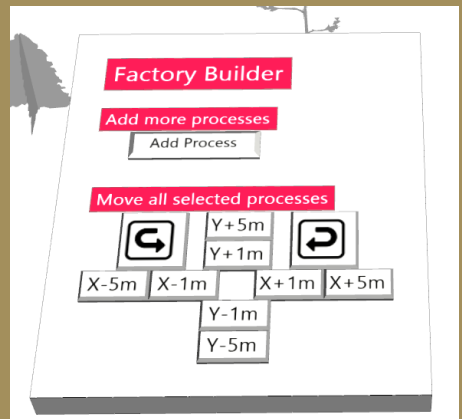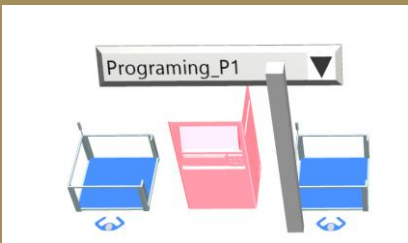
Step 3:
Factory Planning

Open the roof of Santas Factory with the button, to see inside.

Use the Factory Builder to insert more stations if needed and set or change their process type with the dropdown menu.

Select stations to move them around on the shop floor. Make sure all workplaces are accessible for the Elves (press O to see obstacles)!

Step 4:
Go-Live of Production!

Once you are satisfied with your factory, start the simulation with the EventController. Observe the production process.

Watch out for Santa and his reindeers as they fly out to deliver batches of presents!

Under the Christmas tree, you can track your progress.

Merry Christmas and warm wishes.
Thanks to your efforts, children were made happy: 189300000
With your plant and layout concept, you have fulfilled your order target to 13.43%

2025 by @nadin1223 and @AlexD_SimPlan