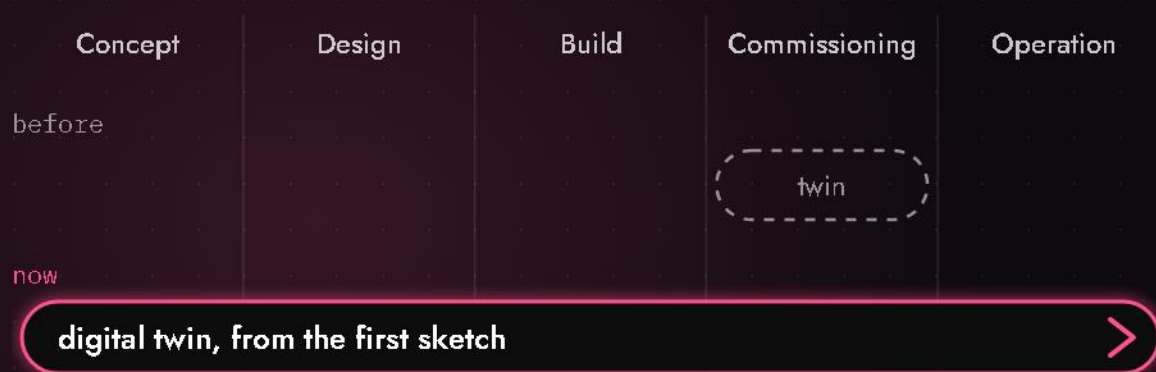
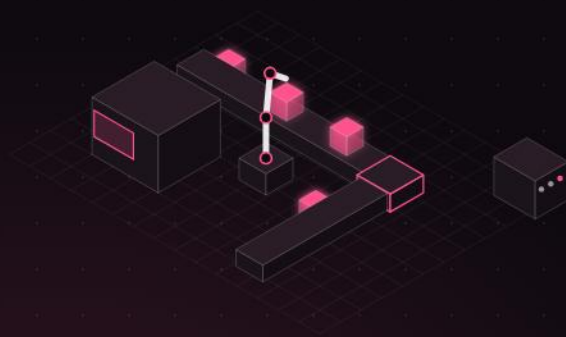
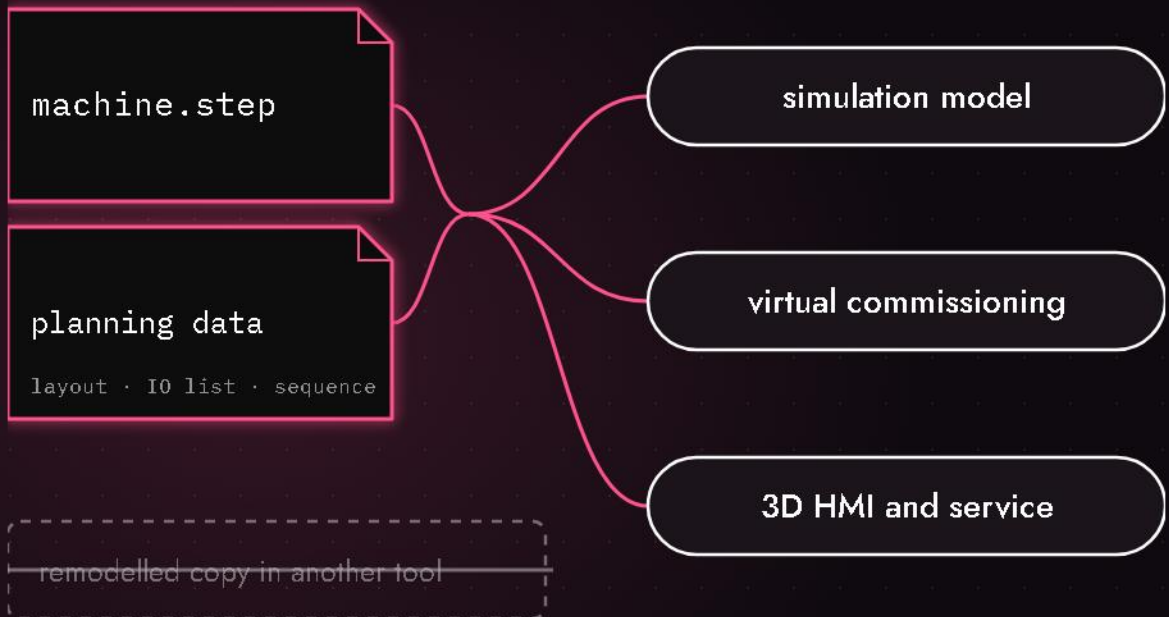


The digital twin moves to **the start.**



What AI modelling means for the people who plan and build machines. A few theses.

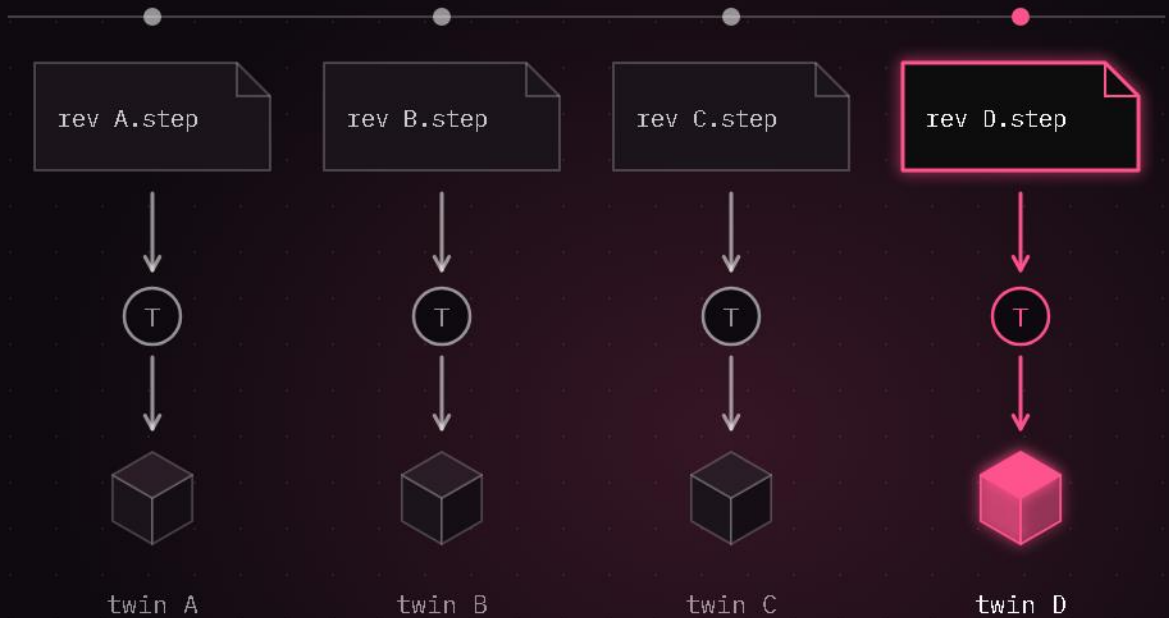
CAD and planning data are the source of truth.



No more rebuilding the machine in a separate simulation tool. From the CAD and the planning data you have anyway, the twin is created or updated in under an hour. Every time.

The CAD changed again?

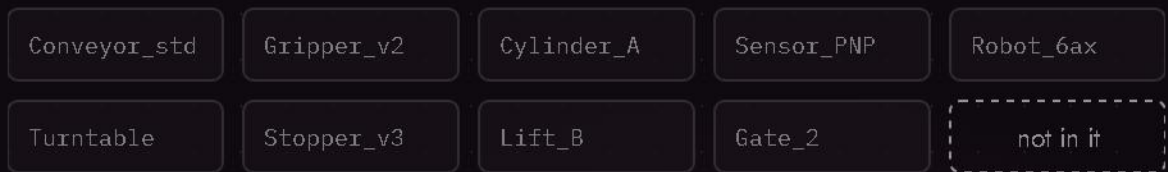
That costs a few tokens.



Keeping the twin in sync with the design is why most twins went stale. Now the update runs on the new revision and is done in under an hour. The model follows the CAD and the plan, not the other way round.

Libraries and standards matter less.

before: library + modelling standard

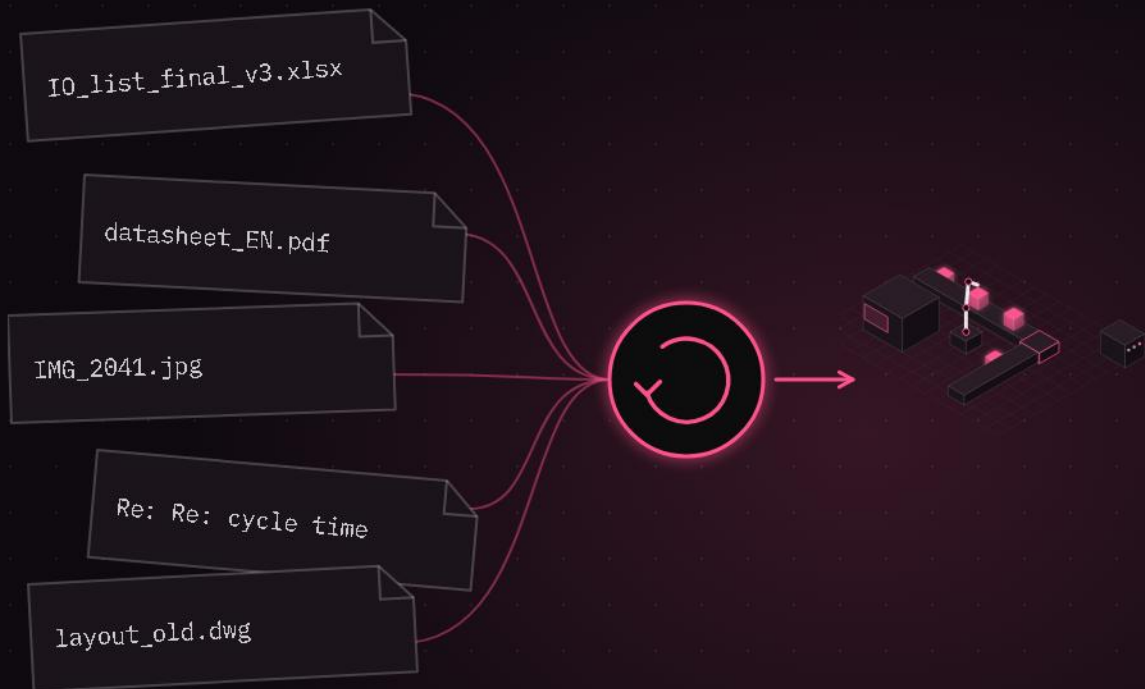


now: the part itself



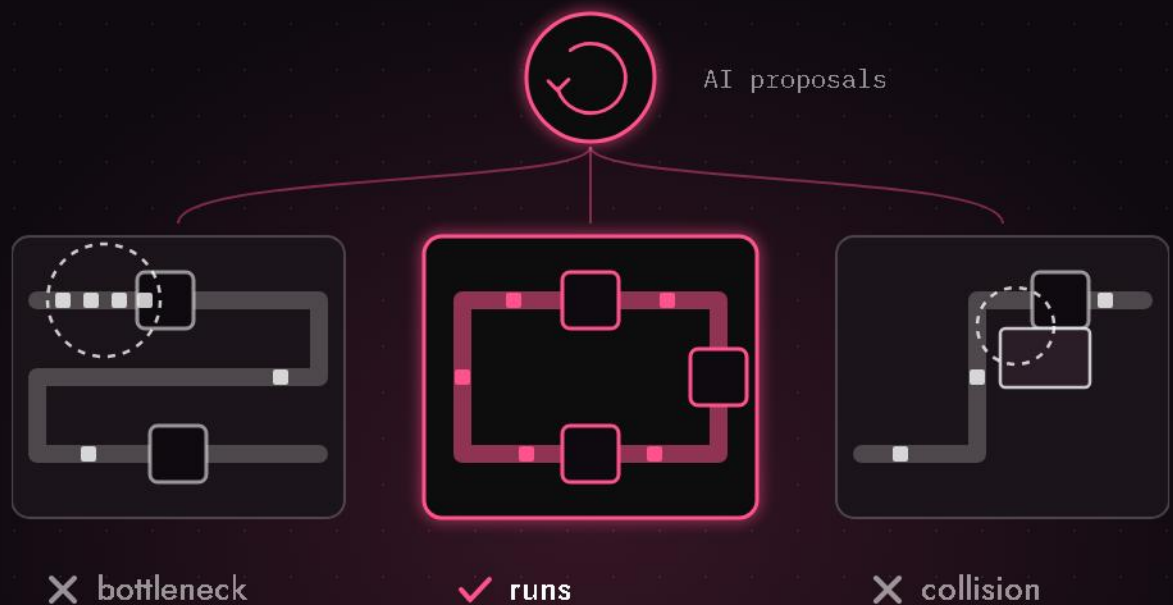
No twin without a clean library, that was the rule. Our autonox delta got its kinematics from the AI, built from the STEP file and the datasheets. The library stops being the bottleneck.

Your data doesn't need cleaning up first.



An IO list in Excel, a datasheet as PDF, a photo of the whiteboard. Nobody has to translate that into a format first. The AI reads it the way it is.

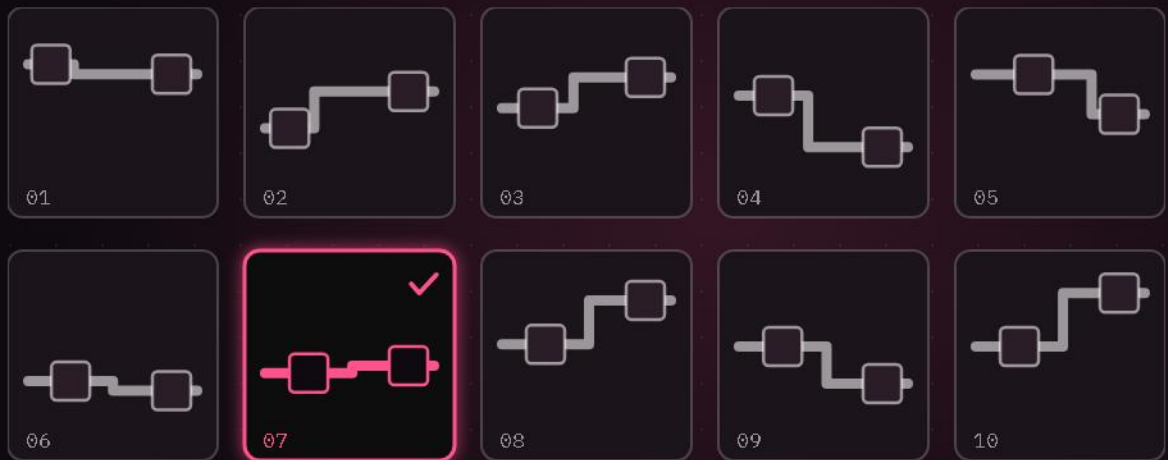
The AI plans. The twin checks.



checked in the simulation, before anyone orders steel

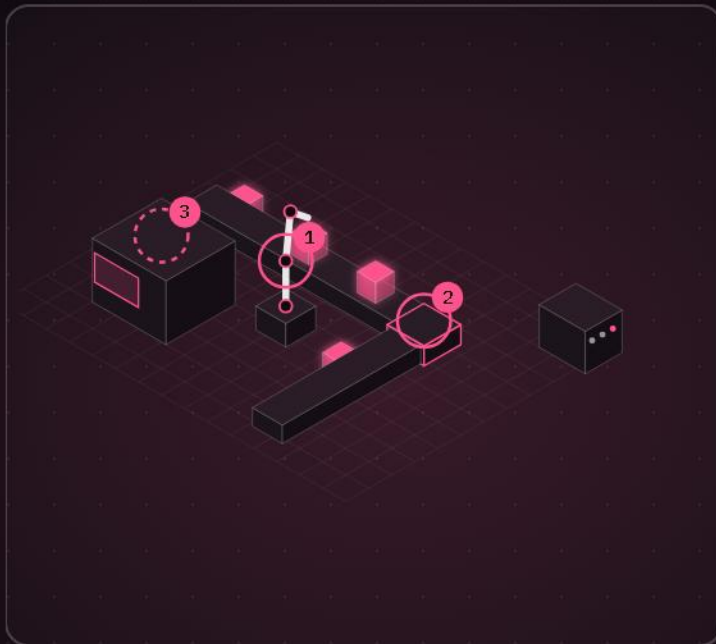
An AI proposes a layout in seconds. Whether it works is a different question, and that is the twin's job now: a validator for the plans the AI makes.

Ten variants instead of one.



Our laser welding station went from one STEP file to a simulation model in about an hour. At that price you stop defending the first idea. You test the others.

You review the model. You don't build it.



- 1 kinematics ✓
- 2 sensor positions ✓
- 3 cycle time ?

The work moves from building the model to checking its behaviour. That is where experience counts anyway, and where we still want an engineer to sign off.

Not a flagship project anymore.

before: the big line gets a twin



now: every machine you ship



A twin used to pay off for the flagship line. If it takes about an hour, it pays off for every machine, including the small special one nobody had budget for.

Send us your STEP file.

Your digital twin in under an hour.



No slides, no pitch. Your machine as a running twin. Write me a message.