

ÅF INDUSTRY AB

BA Advanced Manufacturing

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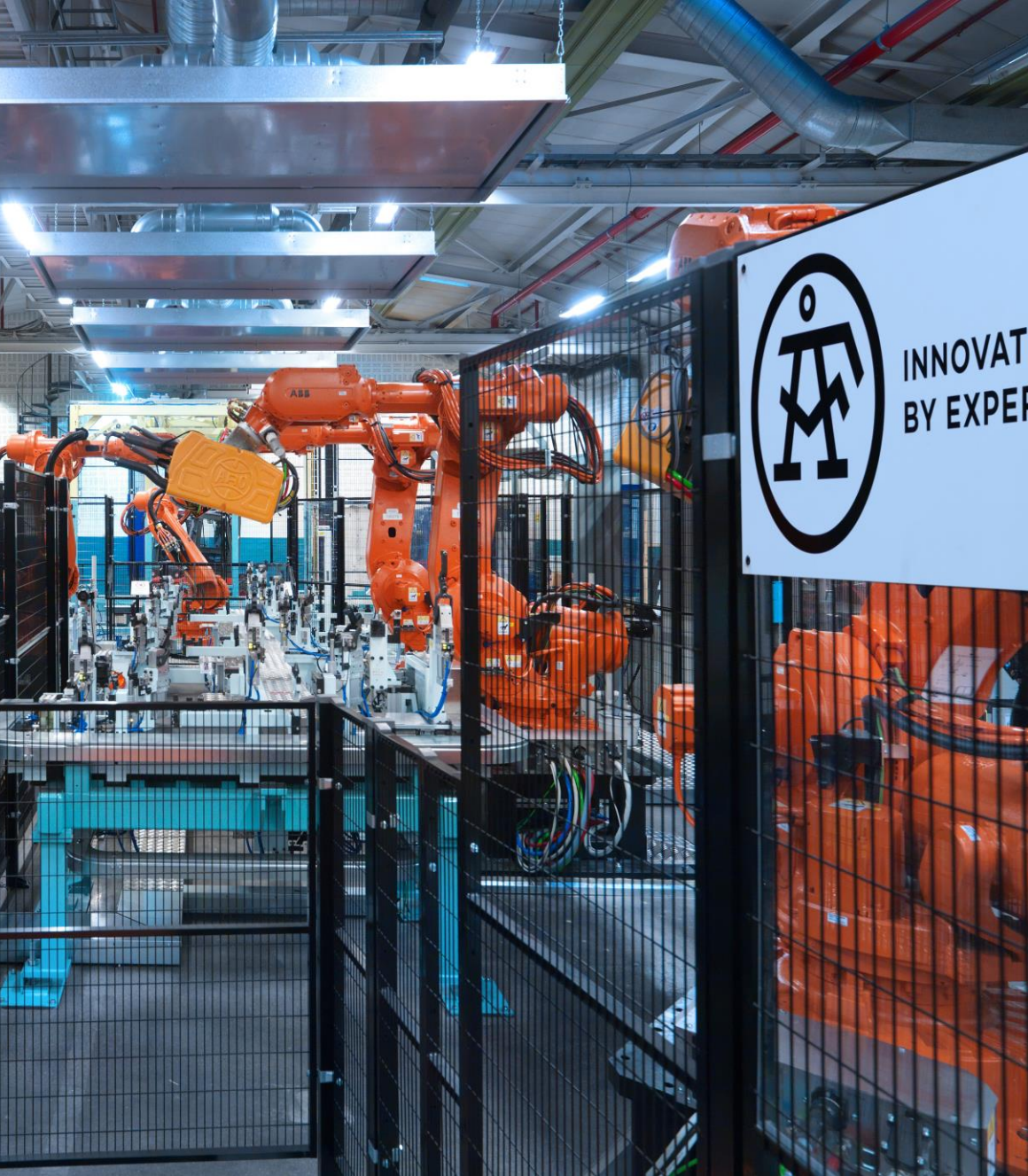
BA ADVANCED MANUFACTURING

Our offer

“Undertaking complete turn-key systems, from development to commissioning, ÅF has successfully completed a large number of projects integrating manufacturing lines”.

Executed in any set-up from professional service on-site to complete Turn-Key system delivery.





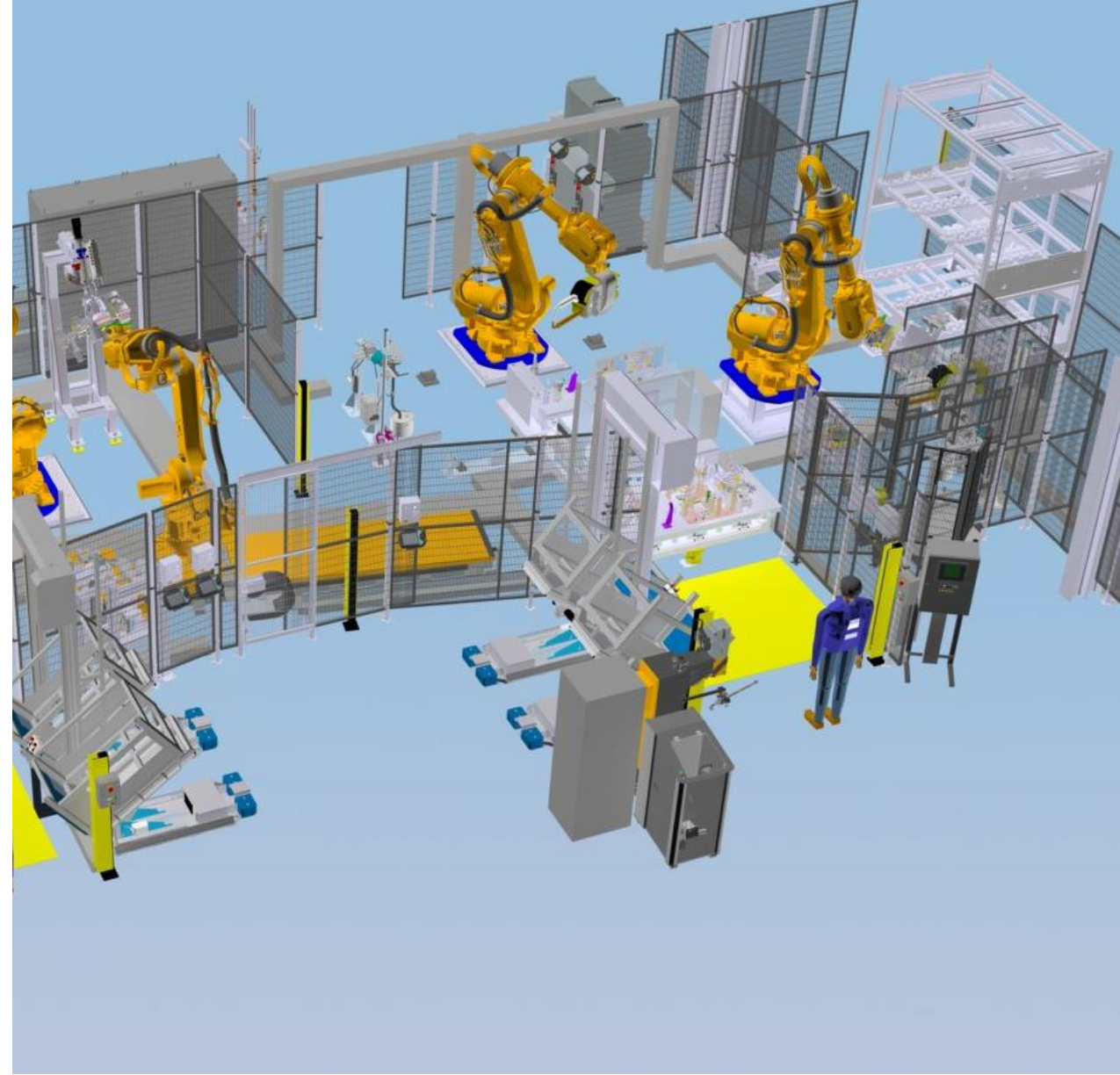
Turn-Key Tools to success

- In-house expertise
- Simulation
- OLP
- Virtual Commissioning
- Cell Alignment & Scanning
- Site Management
- Local Presence



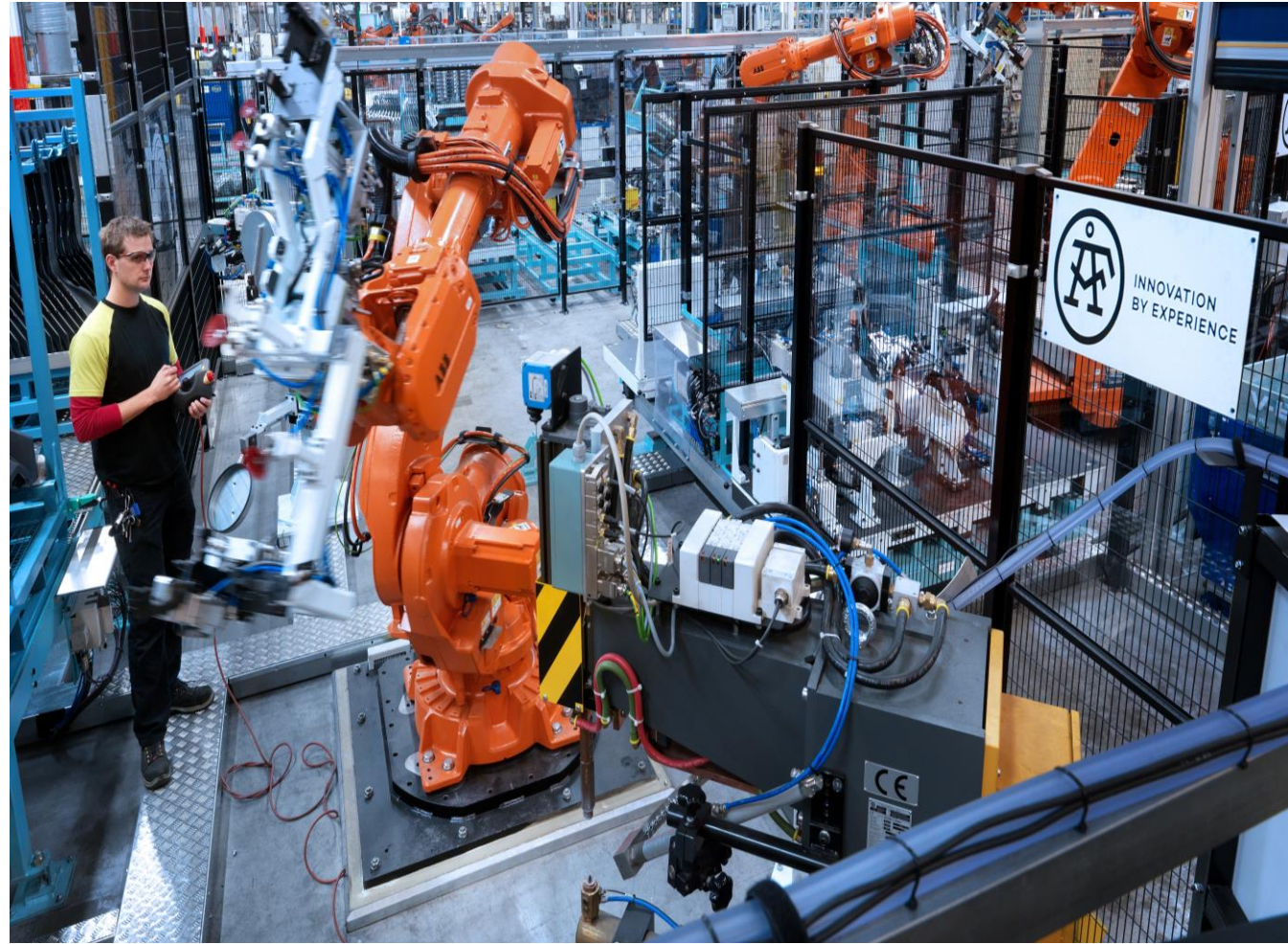
Process Simulation

Minimizing your investment by reducing long downtimes due to unclear installations. Using fully simulated process models, we can implement new products to existing lines faster, taking critical decisions in the virtual environment, adding planning and verification as mile stones to the project.



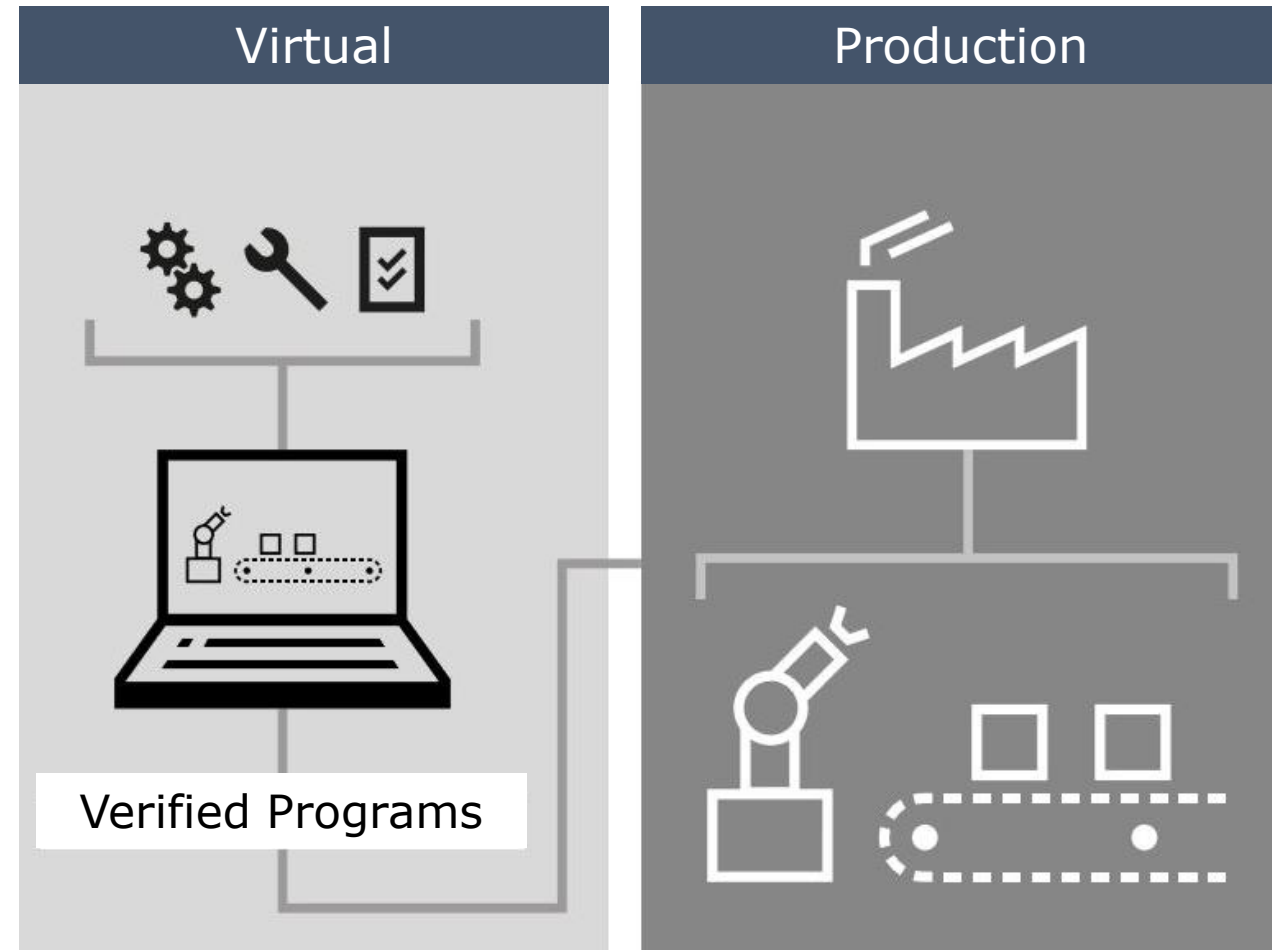
Off Line Programming-OLP

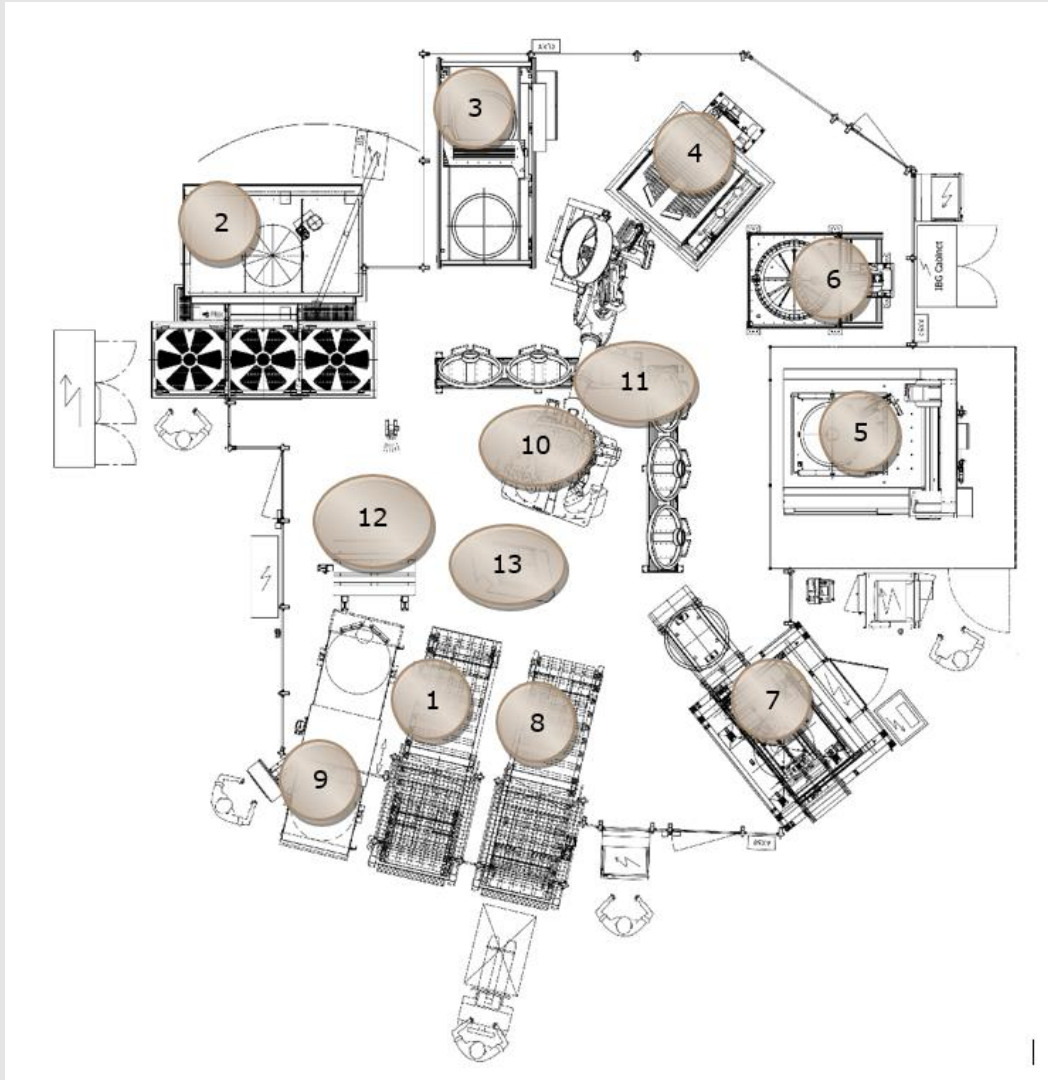
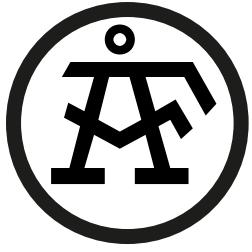
To succeed in the commissioning face the preparation of robotprogramming during the engineering face had become an imported work to be able to short the time on site.



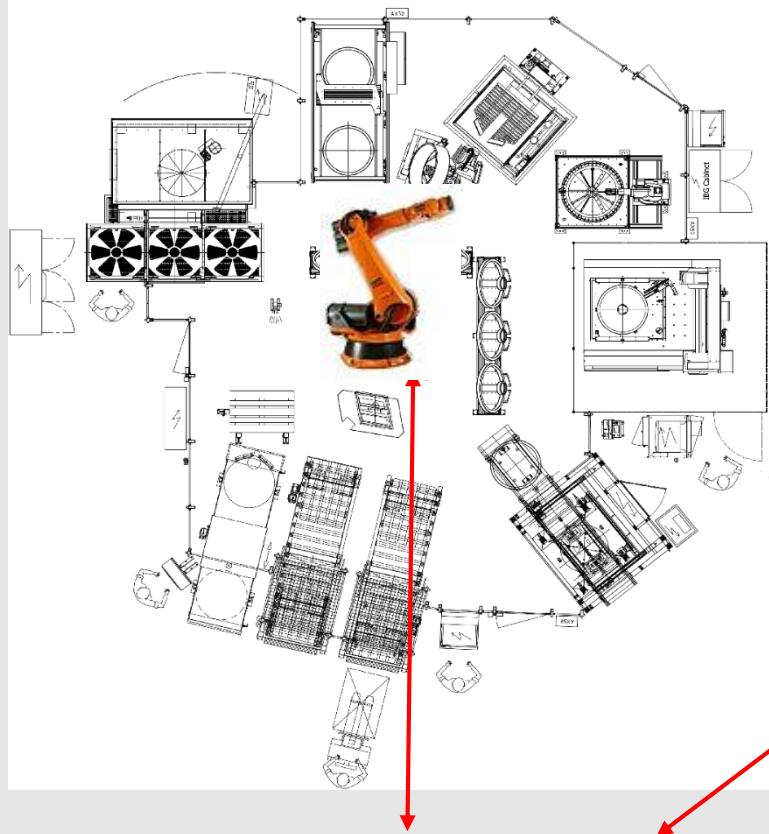
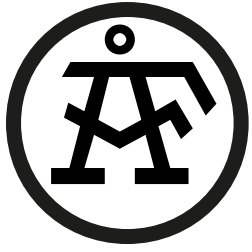
Virtual Commissioning

Virtual Commissioning is a concept where one can verify PLC programs, layout, logic, etc. against a virtual model. This to reduce time and cost at commissioning, but the model could also be used to train operators for future production.





Pos	Equipment
1	In-Conveyor
2	Honing Machine
3	Demagnetizer
4	Washer Machine
5	CMM Machine
6	Eddy Current Machine
7	Laser Machine
8	Out-Conveyor
9	Inspection Station
10	Robot with gripper
11	Product Buffer Magazines
12	Empty Pallet Magazine
13	Paper Magazine

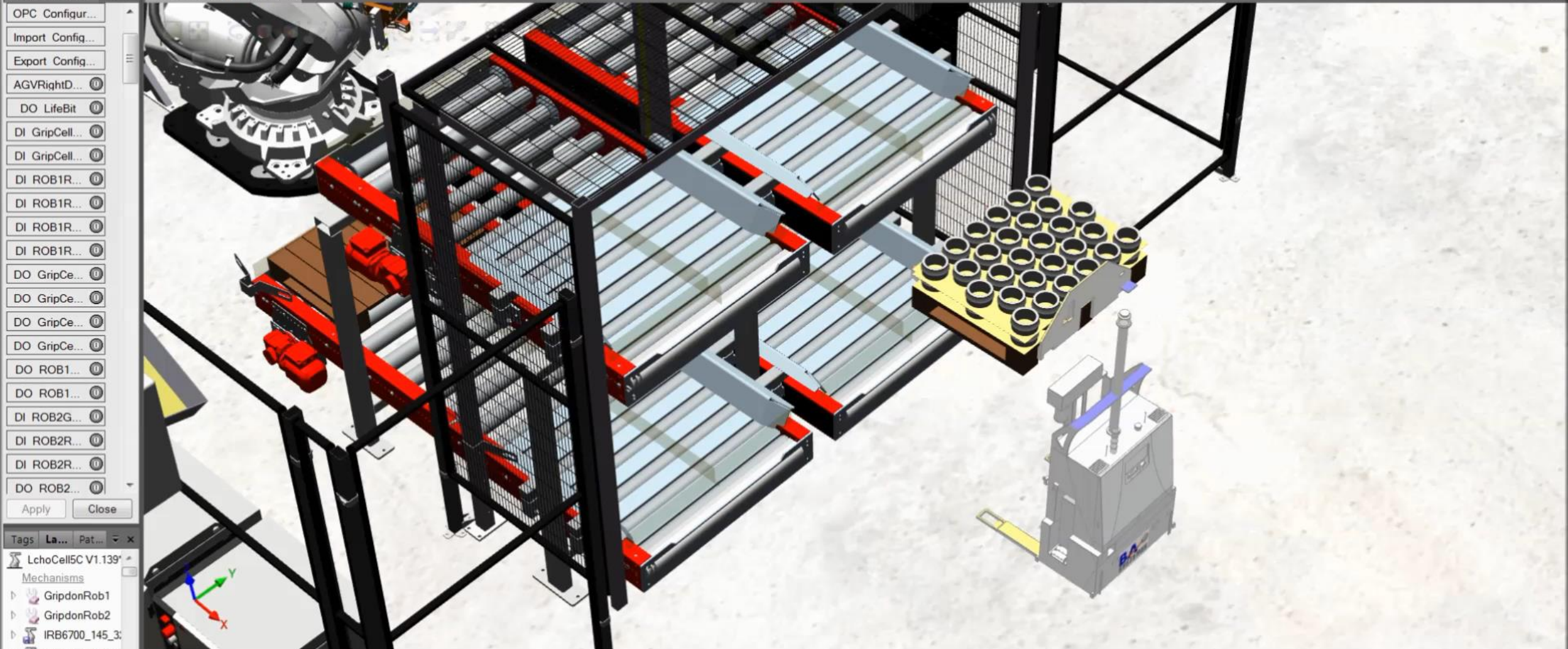


SIMIT

Virtual Objects

- Puch button box
- Safety stop
- Light curtain
- In-Conveyor
- Robot Gripper
- Washer Machine
- Etc...

Properties: OPC LchoCell5C V1.139:View1 x



Simulation Watch

Break	Object	Property/Signal	Value	Context