

Digital Twins

Manufacturing perspective

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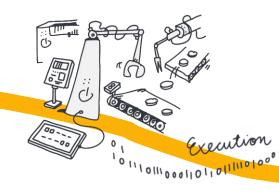






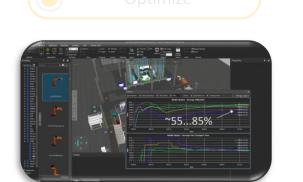
Plan





Concept Visualize Communicate Quick





Validate
PLC
Robot Controller



Robot Programming

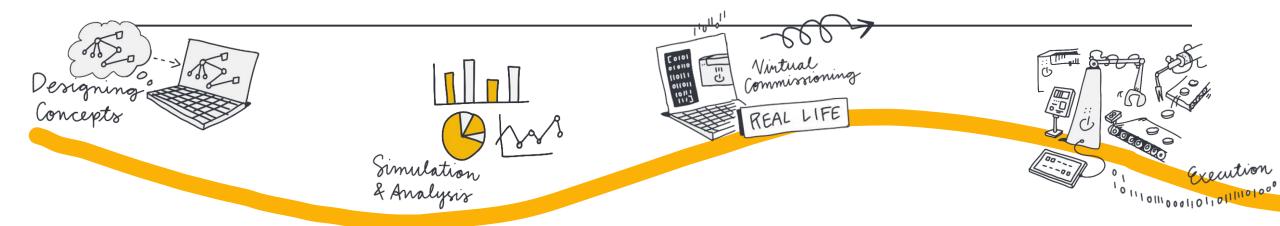
Remote Monitor

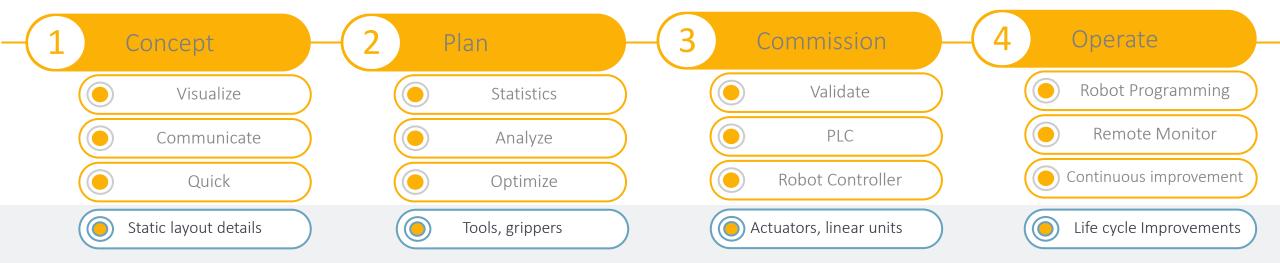
Continuous improvement

Operate



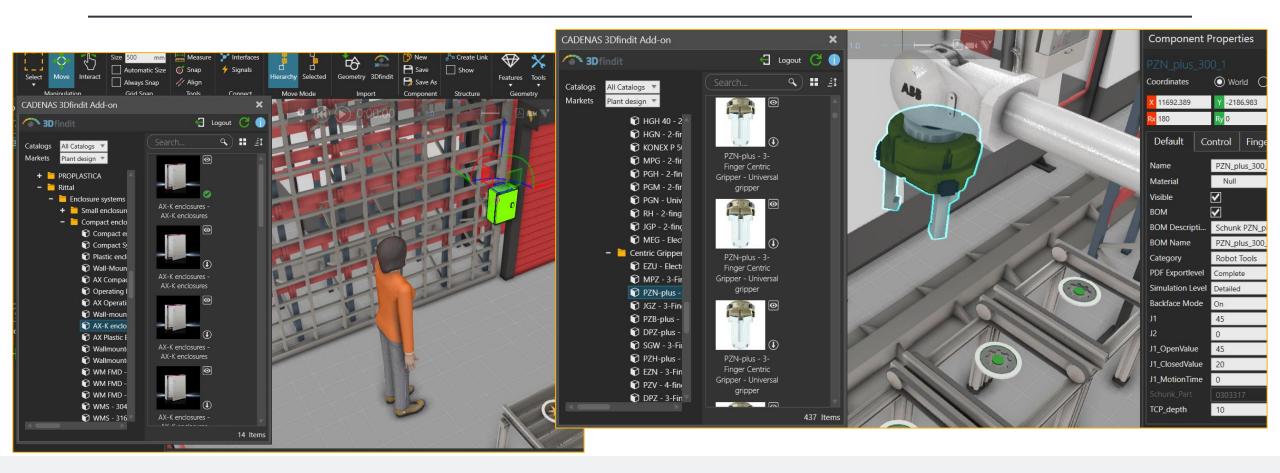






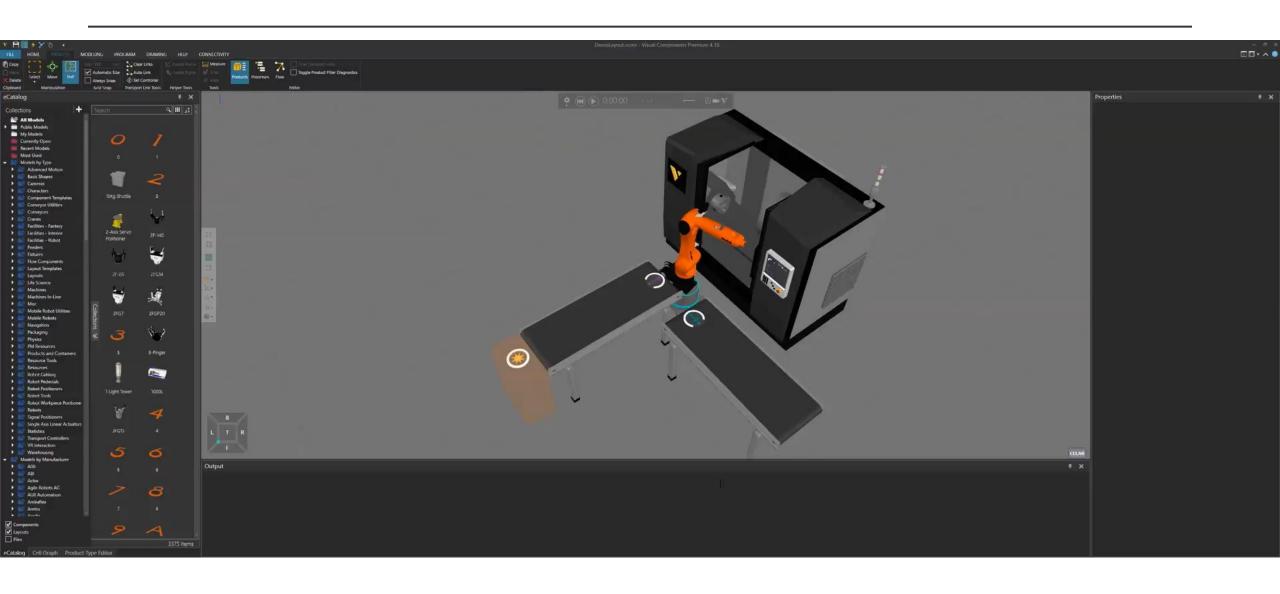




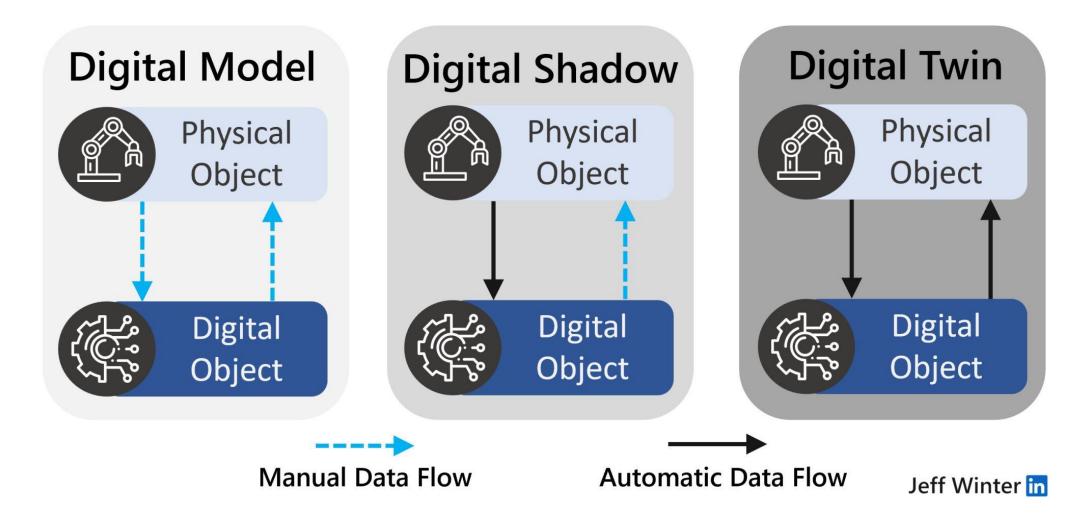


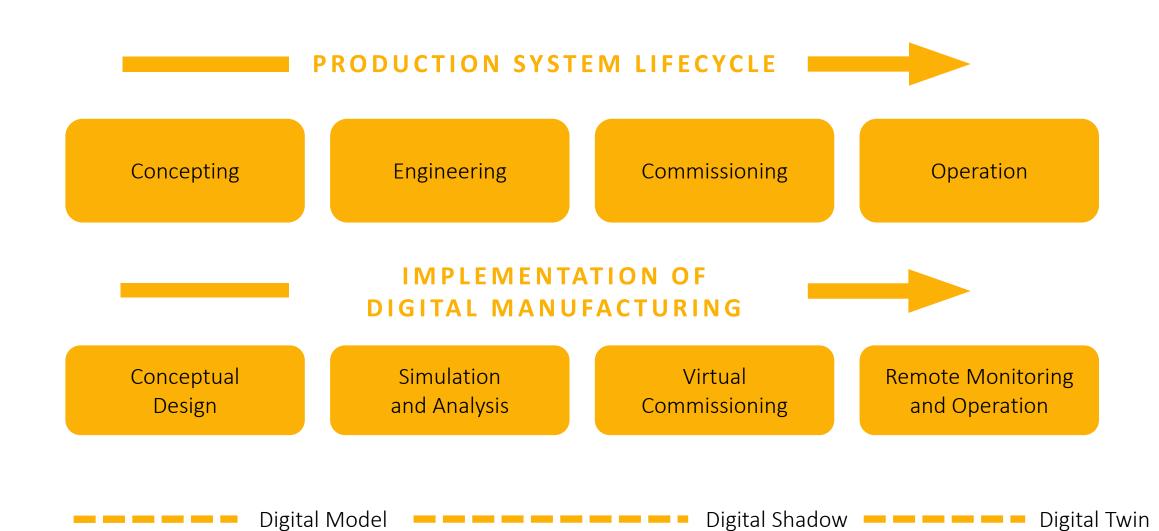




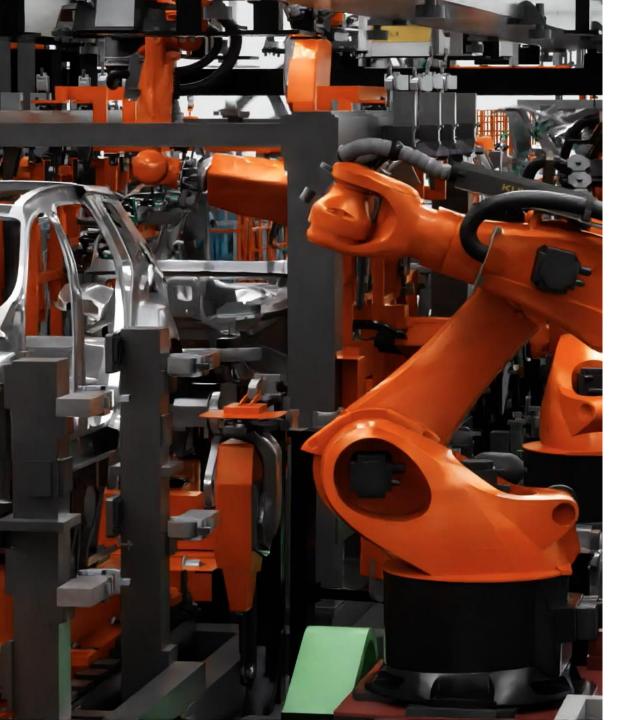


Relationship Between the Physical World & Digital World









Why digital world?



- Risks and Time
- Efficiency and Waste
- Flexibility and Adaptability

Manufacturing is volatile and complex, data driven environment.





Thank You