The Turbocharger for Efficiency:
Al enables custom Tools with a single Click

Format Change Part for Cosmetic Packaging in a Schubert Packaging Machine



# About us



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Technischer Leiter / CTO



**Dennis Nier** 

**Siemens** 

Portfolio Development NX & Additive Manufacturing

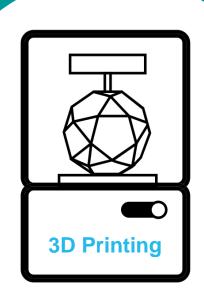


### Robot Tools



Order Based







Economical



Flexible



Fast

#### New Format?





NATURAL BEAUTY

169 11.02



REGEN

SYSTEM

VITALITY

Belebendes

Blütentau-G

Revitalizing I

Gel Rosée de

Revitalisant

e150 ml

Dew Gel

BO REIN

SATUL LE BEAUTI

**ORANGENBLÜTEN** 

ENERGIESPENDER

bei müder, fahler Haut

Orange Blossom Energizer for tired, dull skin

Énergie Double Fleur d'orange pour peaux ternes et fatiguées

@ 50 ml 1.69 fl.oz



2-PHASE

HYALUR

e 0 ml 1.69 fl

Glättende Tagescreme

Smoothing Day Cream Creme de Jour Lissante LIGHT

e 50 ml 1.69 fl.oz

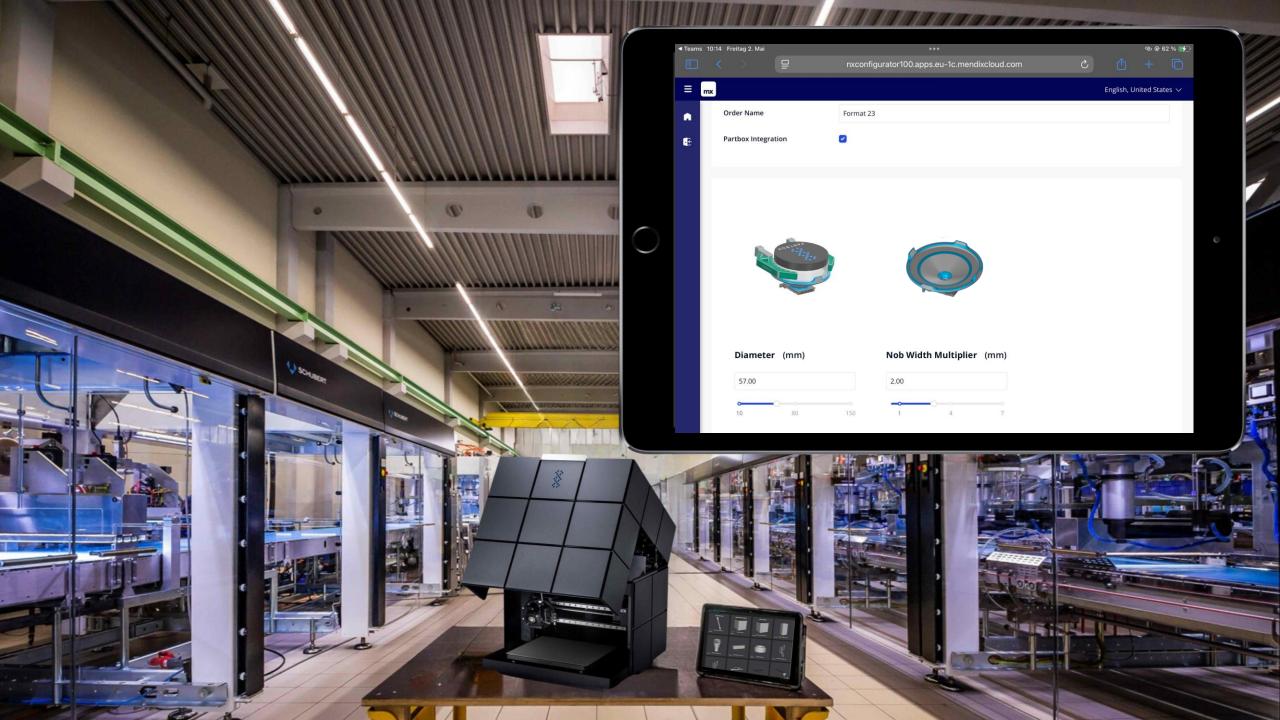




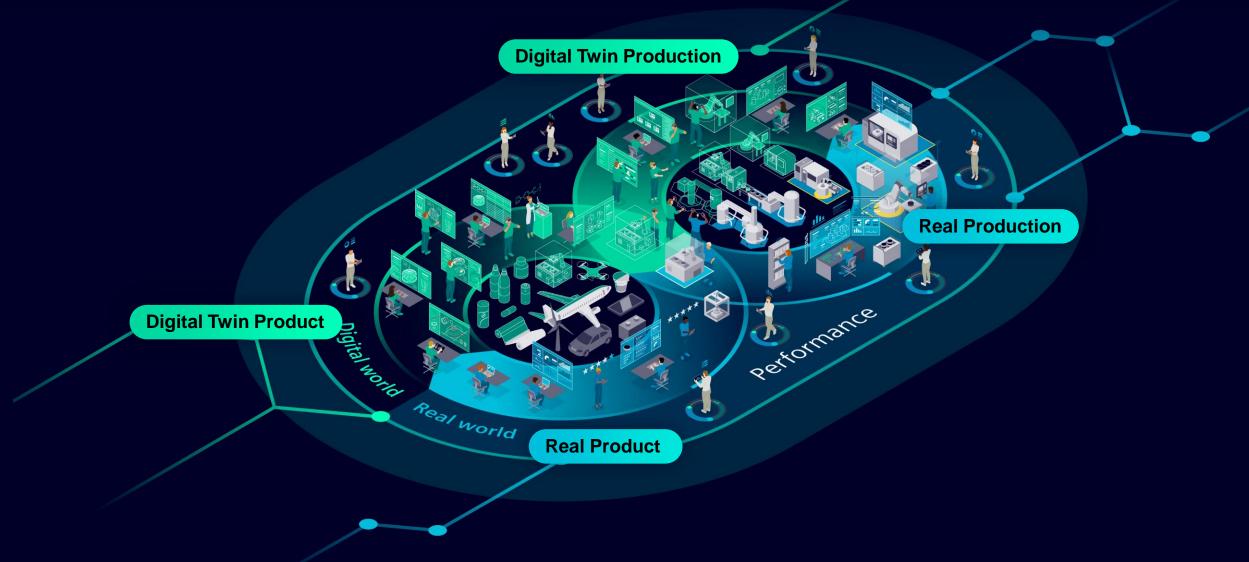


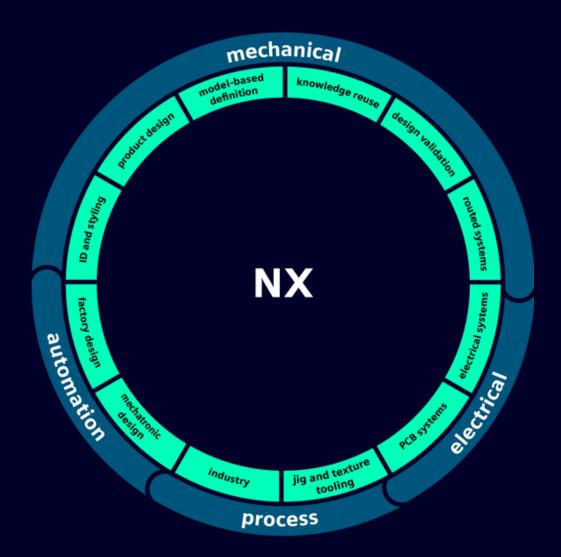






We offer the industry's most comprehensive end-to-end solution for additive manufacturing, integrating product, production, and performance





# Siemens Xcelerator and NX

- The foundation of the digital twin is the digital twin of the product
- The creation of the digital twin of the product starts with NX
- A complete mechanical design solution from concept to manufacturing
- Seamlessly integrating across disciplines including electrical and electronic systems
- Break down the barriers to innovation to fulfill your digitalization strategy

#### **Today's Challenges in Industrialization of Additive Manufacturing**

Seamless with NX – One integrated Additive Manufacturing Solution

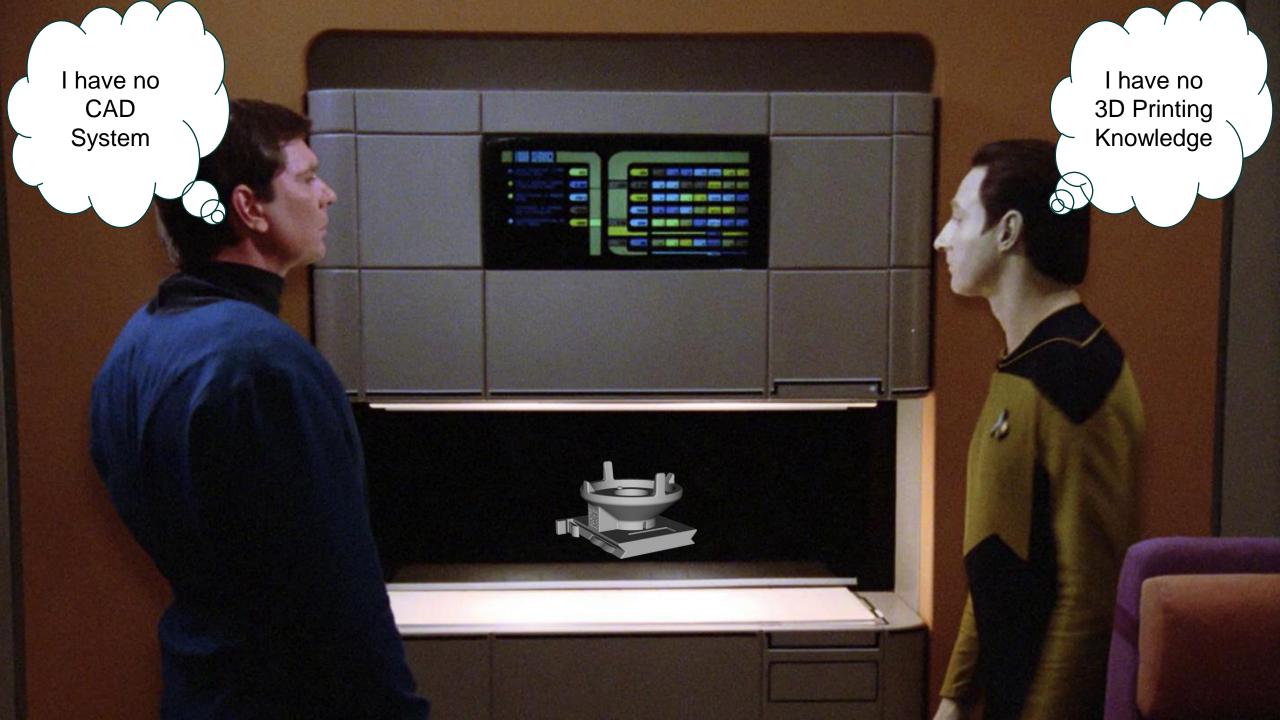
conventional way of working

disconnected SW

Multiple file
conversions







#### **Seamless & associative Tool Chain – and now?**

First Apps for Design Variants with AI and Mendix low-code

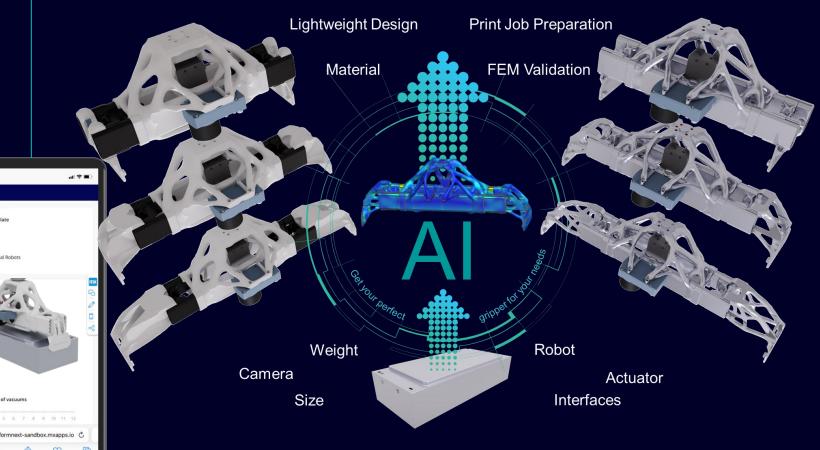
**■** mx

Create design variations in minutes using Mendix low-code apps and Siemens NX

 Easy variant creation with MENDIX apps for mobile, tablet or PC

 Fully parametric NX design for variant flexibility as base

- Simply adjust steering Parameters by sliders
- No NX or designer skills needed – Just choose
- Easy to use with AI and chatbot integration

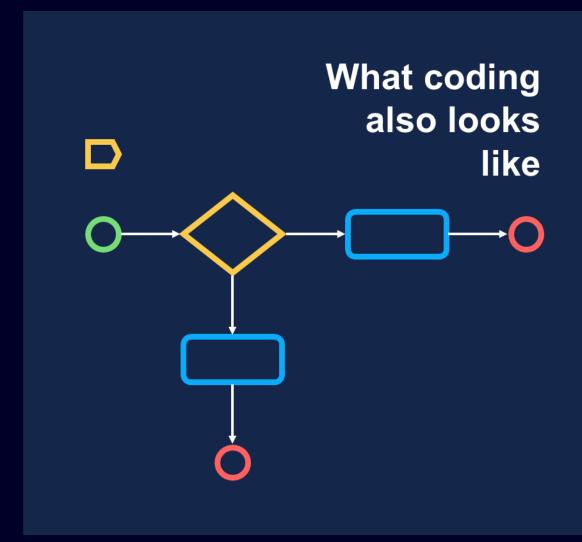


#### The Perception of Code

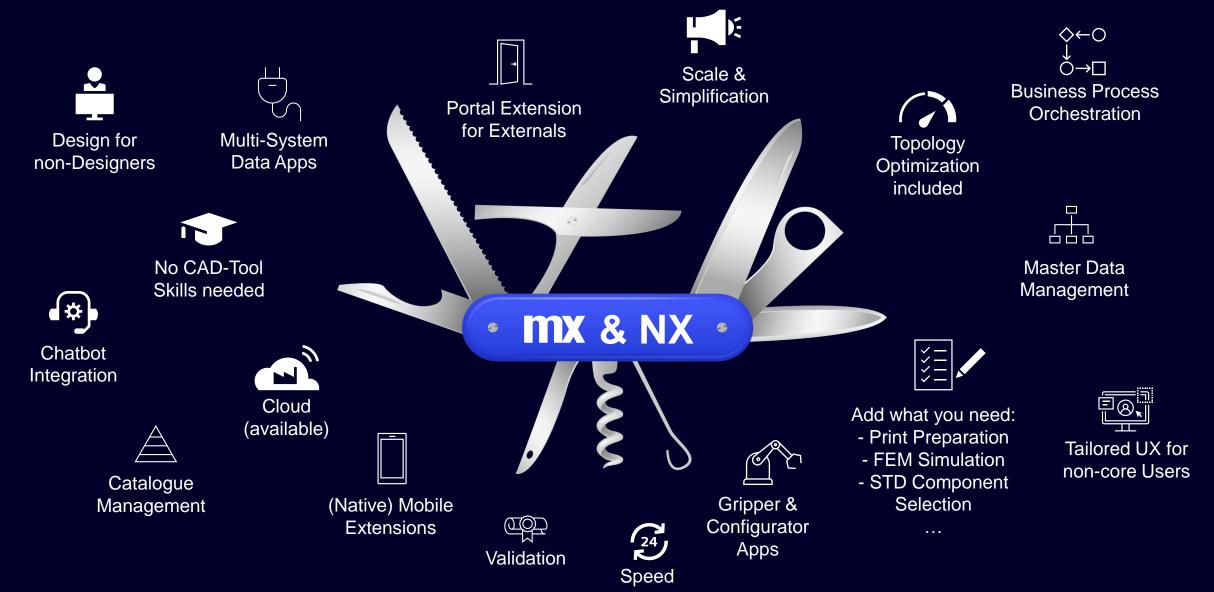
What is... low-code with mendix ???



What people think coding looks like



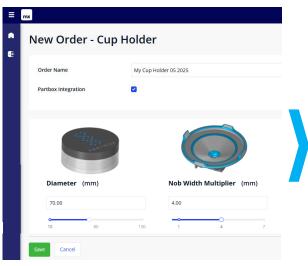
#### **NX** with Mendix is a Multi-tool

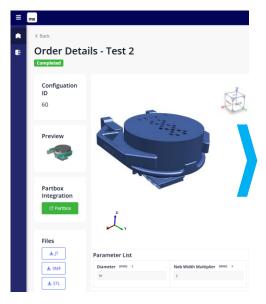


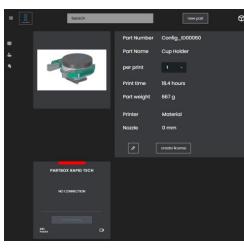
#### The Way to custom Tools with a single Click

#### Process Overview – fully associative with SIEMENS NX & easy mendix Access









#### Original CAD-File

Design the CAD-File as usual in Siemens NX with tools and features that designers use every day

#### Parameter

Control your own CAD model with simple User Expressions in NX

#### Configurator App

Use a simple web & cloudbased platform to configure your required tools without CAD knowledge

#### **Individual Part**

Within seconds, your individual part variant with 3D-Viewer and download options is available

#### **PARTBOX**

With the PARTBOX integration, you can access the new item directly in the application and start printing



















Your app to configure topology optimized parts powered by Mendix and NX

Chatbot





Create your individual cup holders

Select Variant



#### **Organizer Boxes**

Create your own individual organizer box

Select Variant

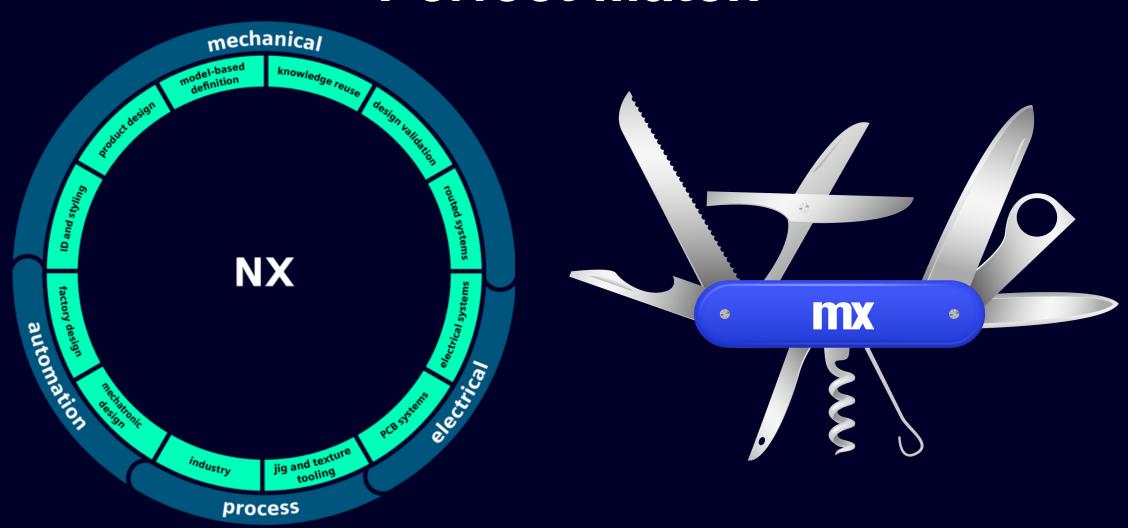


#### **Vacuum Grippers**

Create your own individual vacuum gripper

Select Variant

## **Perfect Match**







# Contact



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