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Inventor, Fusion 360, or AutoCAD? You Don't Have to Choose!

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About the speaker

Technical Marketing Manager @Autodesk

Marketing professional with 25+ years of experience solving customer challenges, educating users, communicating value and telling stories that inform and inspire.

Technical specialties: Inventor, AutoCAD, Fusion 360, CFD, FEA...

@InventorLuke
Class Description

Choosing which software tool to use isn't always easy. Understanding which tool is best for the job is critical when developing new designs. Additionally, not understanding how tools work together can cause unnecessary rework, project delays, and unsatisfactory design performance. This instructional demonstration will help you understand how Inventor software, Fusion 360 software, and AutoCAD software work as independent design tools as well as in connected workflows.
Key Learnings

- Learn how to select the right design tools for the application.
- Discover the possible workflows between AutoCAD, Inventor, and Fusion 360.
- Learn how to connect existing design tools together for more efficient workflows.
- Learn how to reuse 2D data more effectively and prepare for a transition to 3D design tools.
Please feel free to post your questions in the comments!

We have a be nice policy
Please be positive and constructive
- Architecture toolset
- Electrical toolset
- Map 3D toolset
- Mechanical toolset
- MEP toolset
- Plant 3D toolset
- Raster Design toolset
- AutoCAD mobile app
- AutoCAD web app
- Parametric
- Parts
- Assemblies
- 2D Drawings
- BOM
- Properties
- Tolerance Analysis
- Nesting
- Factory Design Utilities
- Simulation
- ....
Included software
What’s in the Product Design & Manufacturing Collection

Unify product design and manufacturing with integrated CAD, CAM, and CAE apps and services.

- **Inventor**
  Professional-grade tools for 3D mechanical design, simulation, and documentation.

- **AutoCAD**
  2D and 3D CAD software with industry-specific toolsets.

- **Fusion 360**
  Cloud-based CAD/CAM/CAE software for product design and manufacturing.

- **Inventor Tolerance Analysis**
  Tolerance stackup analysis software for evaluating the impact of dimensional variation.

- **Inventor Nesting**
  True shape nesting software for Inventor to optimize yield from raw material.

- **Inventor CAM**
  Integrated 2.5- to 5-axis CAD/CAM programming solution for Inventor.

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See what you can do with the collection

- Create complete product designs
- Explore every design opportunity
- Connect your work and your people
- Parametric
- Parts
- Assemblies
- 2D Drawings
- CAM
- PCB
- Simulation
- Generative design
- ...
FUSION 360 DESIGN & MODELLING

Design your way

Don't let your design tool limit your creativity and ability to quickly create multiple design iterations. Design how you want in all phases of the product development process.

SEE 3D MODELLING FEATURES
Demo
AnyCAD With Fusion 360 and Inventor
What Is Fusion Team?

- Included with Fusion 360 and PDMC
- Cloud based data storage
- Connects to Desktop Connector
What Is Desktop Connector?

- Connected to Fusion Team
- Files are replicated on your desktop folder structure
- AnyCAD file references are supported
Getting Started with Desktop Connector?

- Install
- Sign in
- Connected drives are automatically replicated
Inventor, Fusion 360, or AutoCAD? You Don't Have to Choose!

Summary

• Keep using AutoCAD for what AutoCAD is good at doing, (everything 2D)
• When you do transition from 2D to 3D, make sure that you reuse your data
• If you're in a hybrid environment use AnyCAD and keep everything in sync
• Desktop Connector allows you to associatively connect Fusion 360 and Inventor
• If you have the Product Design and Manufacturing Collection you can use any of these tools anytime
Q&A

Q: How can I get 2D data into Inventor?
A: copy and paste, insert AutoCAD and AnyCAD

Q: What is ‘AnyCAD’?
A: AnyCAD maintains associative links between files

Q: What is desktop connector?
A: Desktop connector is a desktop service that integrates Autodesk data management sources with your desktop folder structure
@InventorLuke

Please help me by recommending this class!

Comment (1)

Please feel free to post your questions in the comments!

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