

# Factory Design & Workflows with Multipond

Marc Pattinson / Jon Neale

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# Speakers Profile



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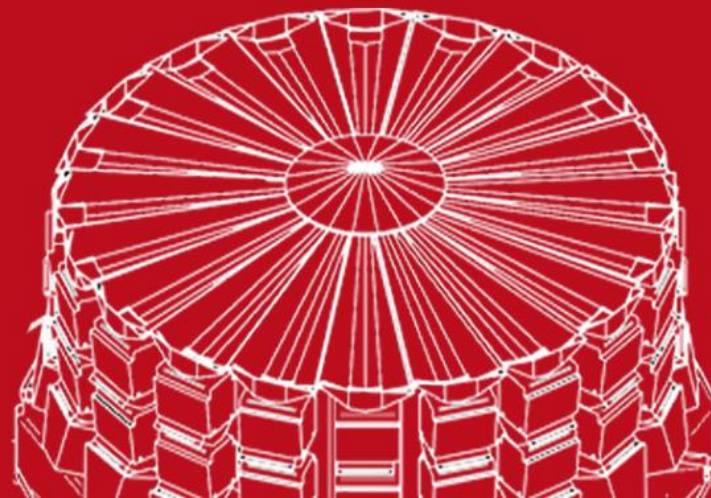
# Agenda

- Welcome and Introduction
- Introduction to Multipond – Jon Neale
- Why Factory? – Marc Pattinson
- Factory Design Utilities – Marc Pattinson
- QA



MULTIPOND has been a Family owned and managed company since the very beginning. Drawing on more than 70 years' experience in industrial weighing technology, we are a pioneer in this sector. Our success is based on the high quality and excellent technical standard of our weighing systems.

We consciously commit to a high level of vertical integration, as well as production exclusively in Germany. We then select from the extensive range of weighing systems based on our knowledge of products and packaging concepts .



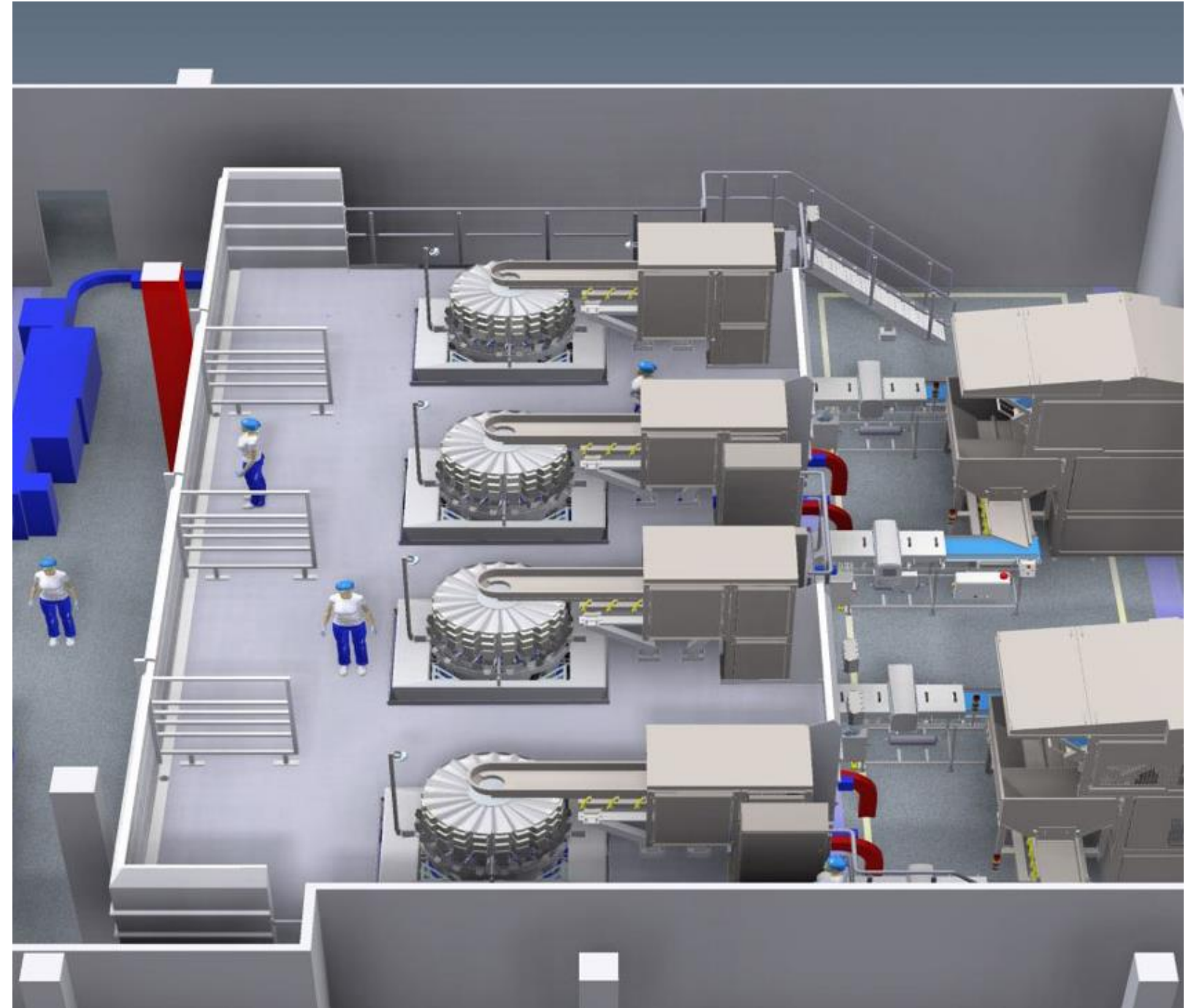
ALL OVER THE WORLD,  
THE MULTIPOND BRAND  
STANDS FOR

**QUALITY, RELIABILITY  
AND INNOVATIVE,  
TAILOR-MADE  
SOLUTIONS**



# What we do??

- Gantry design
- Distribution Systems
- Infeed systems
- Complete line layout along with how it all integrates within the factory Building

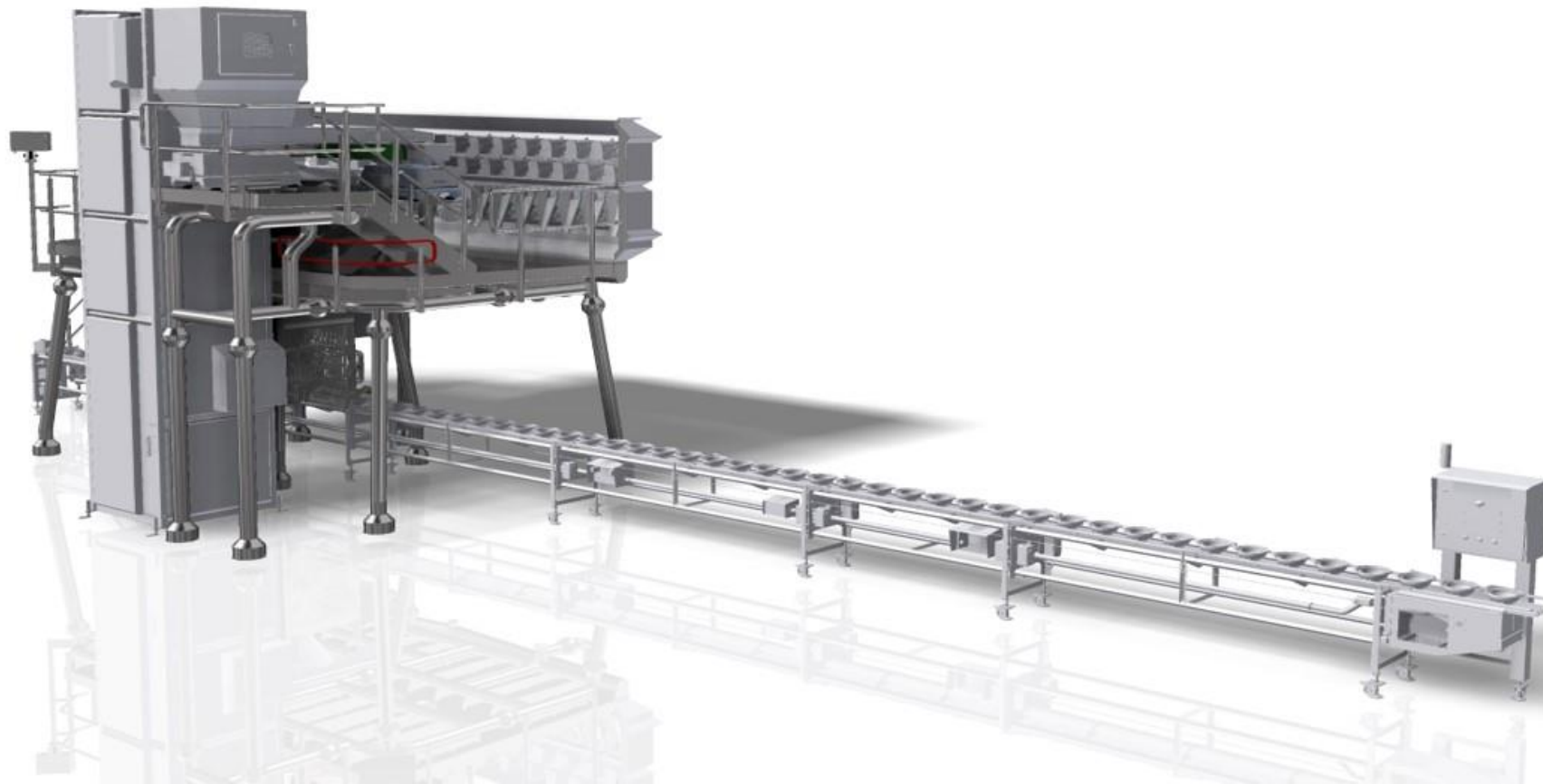


# The future is change

- We embraced AutoCAD & Inventor to produce complicated 2D/3D layouts. Recently we contacted our Autodesk reseller Graitec for their expertise in streamlining workflows and to combat the following issues in the design office.
  - Large assembly modeling – Slow performance
  - Keeping track of our library components – Duplication of files
  - Spending too long re-modeling customer data
  - Sharing models / 2D drawings with customers & Design team

# Why Factory Design Utilities?

- Already available to Multipond in the Product Design Collection
- Easy implementation
- Minimal training
- Minimal down time
- Simplification of library assets
- Production of AutoCAD layouts with a click of a button



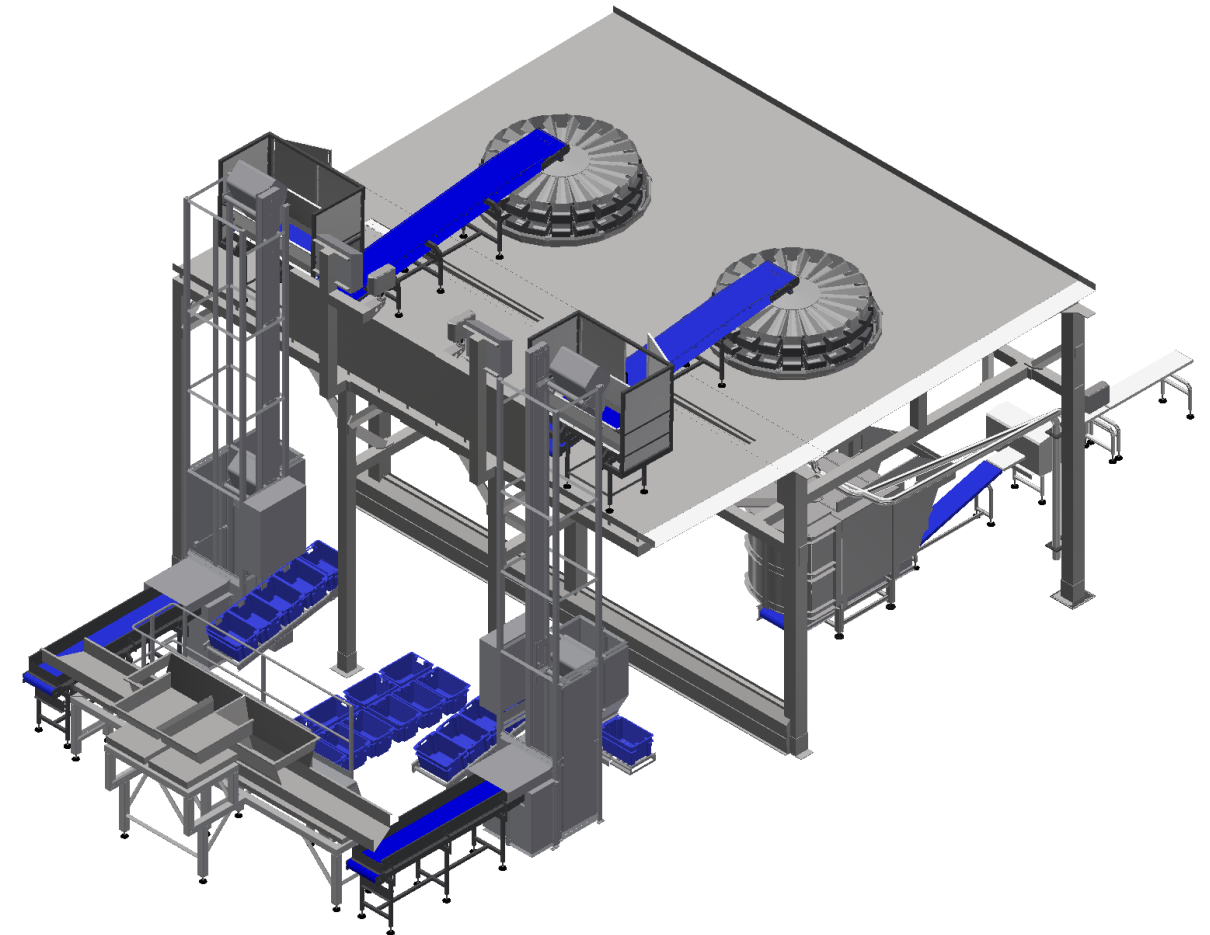
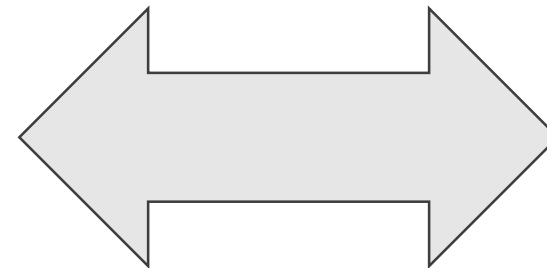
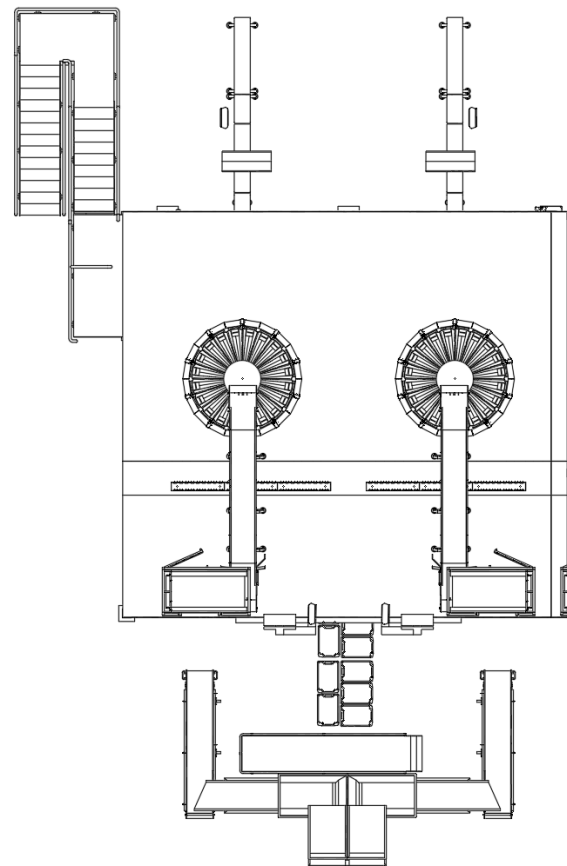


Inventor Professional	Rendering in A360
Fusion 360	ReCap 360 Pro
Vault Basic	AutoCAD
Navisworks Manage	AutoCAD Electrical
Factory Design Utilities	AutoCAD Mechanical
3ds Max	AutoCAD Architecture
	AutoCAD 360 Pro



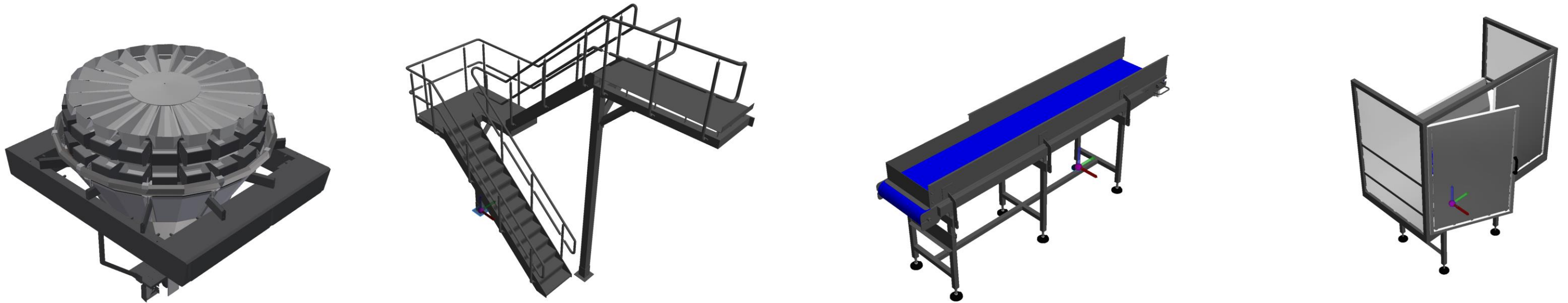
# Modular Layouts | Solution

- Layout and plan easily
- Go from 2D layouts to 3D and back again
- Ensure form, fit and function



# Modular Snap Fit Configurations | Solution

- Build modular equipment with Snap fit & Intelligent links

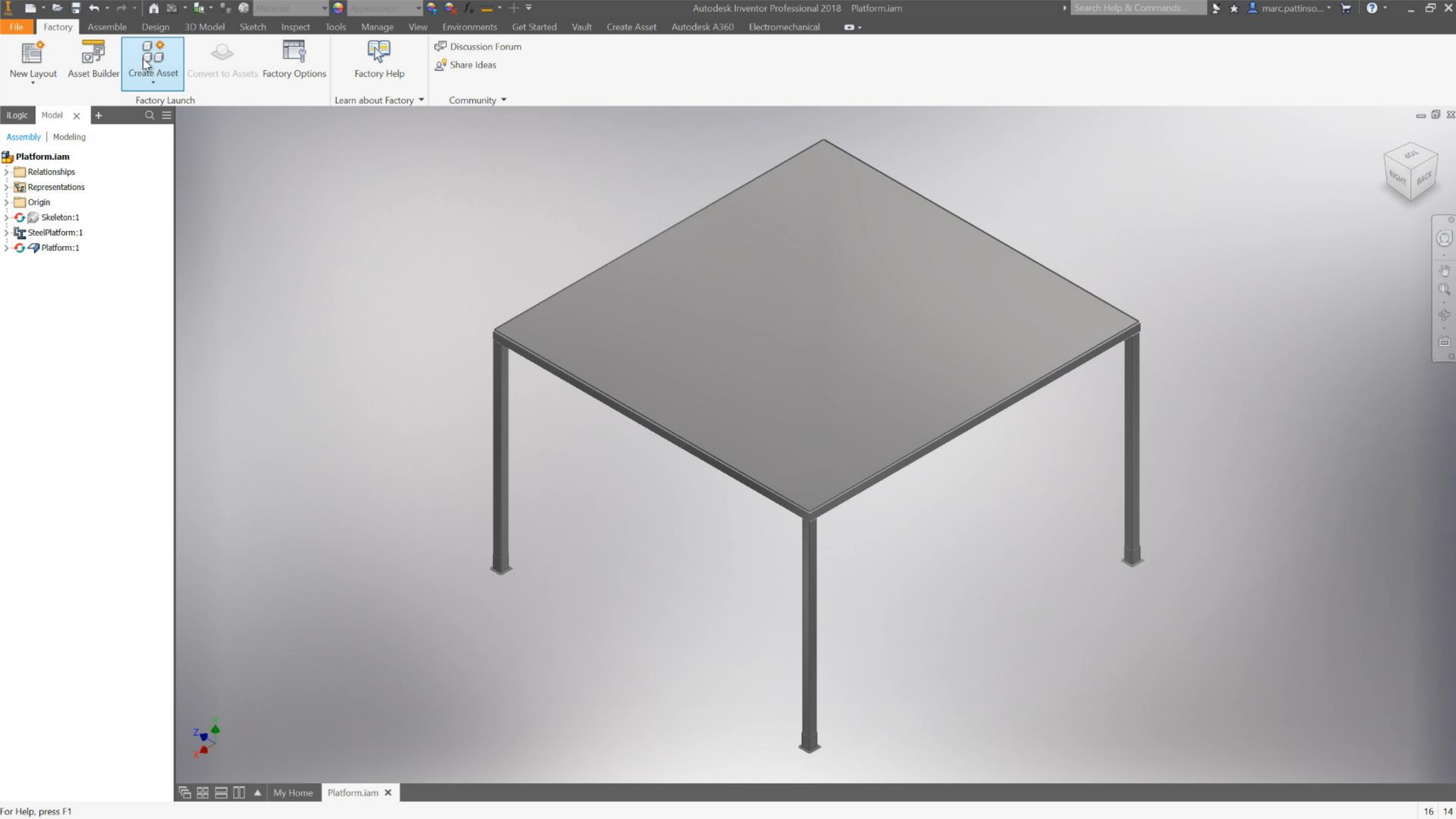


Parameters linked throughout all components = Single change to one updates ALL





# ASSET CREATION DEMO



# 2D to 3D Factory Workflow Demo

