FACTORY DESIGN SUITE WORKFLOW

AutoCAD

- · Create / Import 2D Floor Plan ayouts
- Place Factory Assets onto layout
- Perform efficiency planning using the analysis tools (Transportation & Machine Utilization)

Synchronization

Allows Factory Assets placed on a 2D AutoCAD layout to be automatically added to an Inventor layout as 3D assets (and vice versa)

This allows 2D users to work comfortably and harmoniously with 3D users. Also manipulating a floor plan can be faster using AutoCAD, but placing objects on top of one other should be done in Inventor

Inventor

- Create or import 3D solid modelsCreate Factory Assets from 3D
- models
- Create 3D Floor Plan layouts (Can use AutoCAD floorplans as an overlay and snap assets to those locations)(2014 can import Revit)

Navisworks

- Combine various CAD format models into a single facility model
- Perform flyovers and walkthroughs in the model
- Collaborate on design reviews using the markup functionality
- Determine interference points using Clash Detection
- Analyze construction phase using

Import-models directly into Mayish orks from Mayish orks Switchback-allows auser to switchback to line more from Mayish orks

Showcase

- Import 3D models and various configuration options
- Create photorealistic renderings of factory equipment and layout
- Create animations to highlight the model

3ds Max

- Import 3D models
- Create photorealistic renderings with full array of lighting options
- Animate the model itself to simulate equipment in motion