How Does Autodesk Design Review Speed Time to Market?

Autodesk

DWF

Autodesk® Design Review software streamlines your design review process with measure, markup and approval tools that help speed product development to completion. Securely enable team members to accurately review 2D and 3D designs digitally, offer feedback quickly and easily, and track and round-trip their changes while cutting days off the review cycle.

1 Product Design & Engineering

Gather customer, management, and product team feedback early. Review comments digitally in Autodesk Inventor®, AutoCAD®, AutoCAD® Mechanical, and AutoCAD® Electrical software, streamlining revisions. Autodesk DWF™ technology is built into Autodesk® Productstream to help manage engineering design.

2 Manufacturing Engineering

Improve communication with suppliers and other departments by securely enabling digital reviews. Combine all project information like quotes, timelines, assembly information in Autodesk Design Review software. For release management, Autodesk® Productstream™ connects and integrates product data management with the back-office systems.
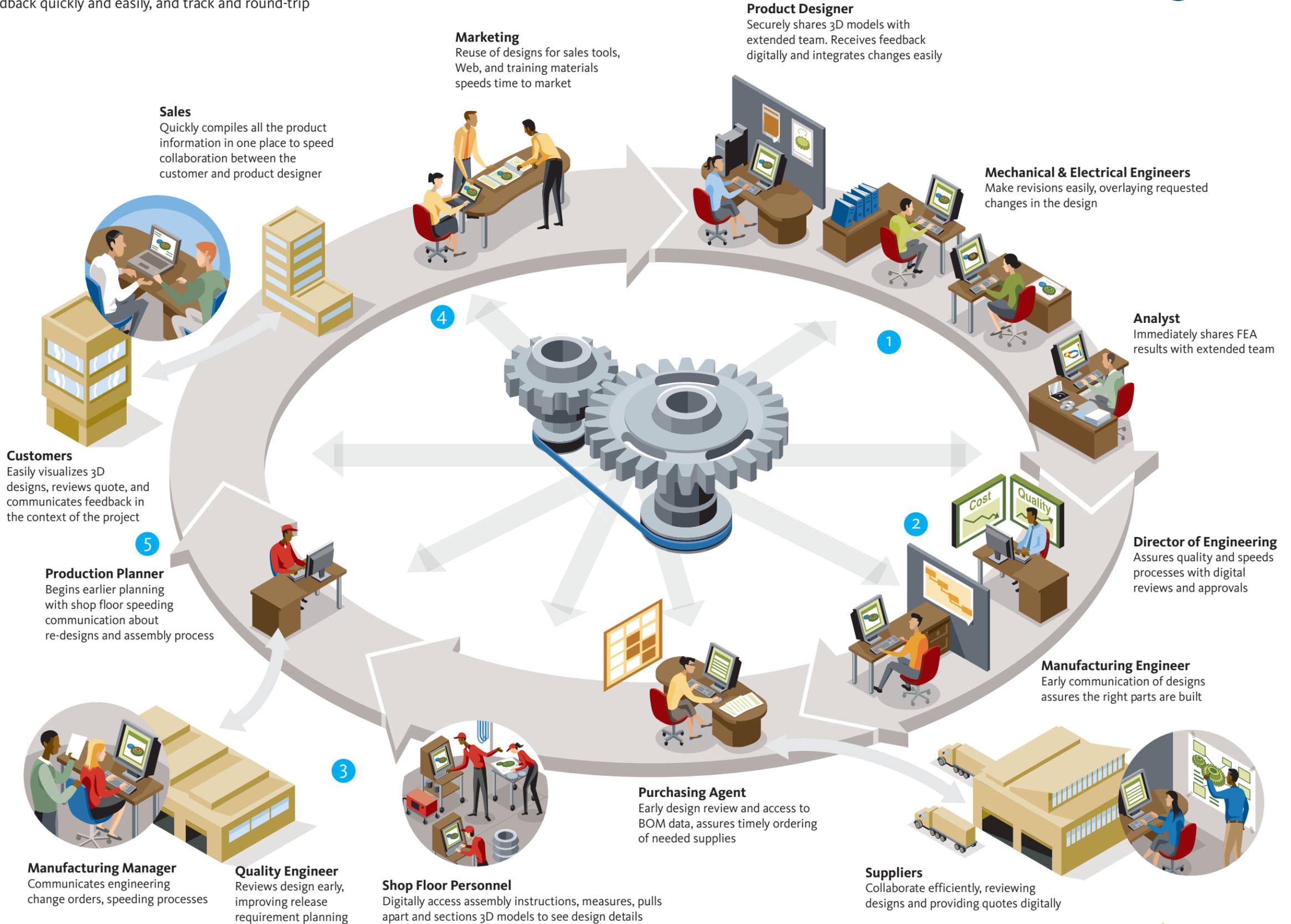
3 Manufacturing Production

Move to paperless production, securely sharing 3D models with manufacturing, suppliers, and partners. Model representations and configurations, animations and assembly instructions can be viewed in Autodesk® DWF™ Viewer or measured and marked up with Autodesk Design Review. Additionally, Autodesk Streamline® provides collaborative project management.

4 Sales & Distribution

Accelerate marketing and sales ability to communicate with customers as soon as the product is released. Leverage the same 2D or 3D design data, post compact, secure DWF files on the Web, include within Microsoft® Office for sales materials or other communications.

5 Maintenance & Repair

Make use of rich data sets to understand maintenance and repair needs. Quickly understand design issues jumping from hyperlinks to product details, or interrogating the full 3D model and assembly instructions.

Marketing
Reuse of designs for sales tools, Web, and training materials speeds time to market

Product Designer
Securely shares 3D models with extended team. Receives feedback digitally and integrates changes easily

Sales
Quickly compiles all the product information in one place to speed collaboration between the customer and product designer

Mechanical & Electrical Engineers
Make revisions easily, overlaying requested changes in the design

Analyst
Immediately shares FEA results with extended team

Customers
Easily visualizes 3D designs, reviews quote, and communicates feedback in the context of the project

Cost | Quality

Director of Engineering
Assures quality and speeds processes with digital reviews and approvals

Production Planner
Begins earlier planning with shop floor speeding communication about re-designs and assembly process

Manufacturing Engineer
Early communication of designs assures the right parts are built

Manufacturing Manager
Communicates engineering change orders, speeding processes

Quality Engineer
Reviews design early, improving release requirement planning

Shop Floor Personnel
Digitally access assembly instructions, measures, pulls apart and sections 3D models to see design details

Purchasing Agent
Early design review and access to BOM data, assures timely ordering of needed supplies

Suppliers
Collaborate efficiently, reviewing designs and providing quotes digitally

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