"It's allowed us to build bigger, faster, higher output machines and they've helped us to keep on the cutting edge and build the best machines in the world right now."

-Richard Mueller
Executive Vice President/Partner
Osgood Industries.

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The Autodesk® 360 cloud-based framework provides tools and services to extend design beyond the desktop. Streamline your workflows, effectively collaborate, and quickly access and share your work anytime, from anywhere. Learn more at **www.autodesk.com/autodesk360**

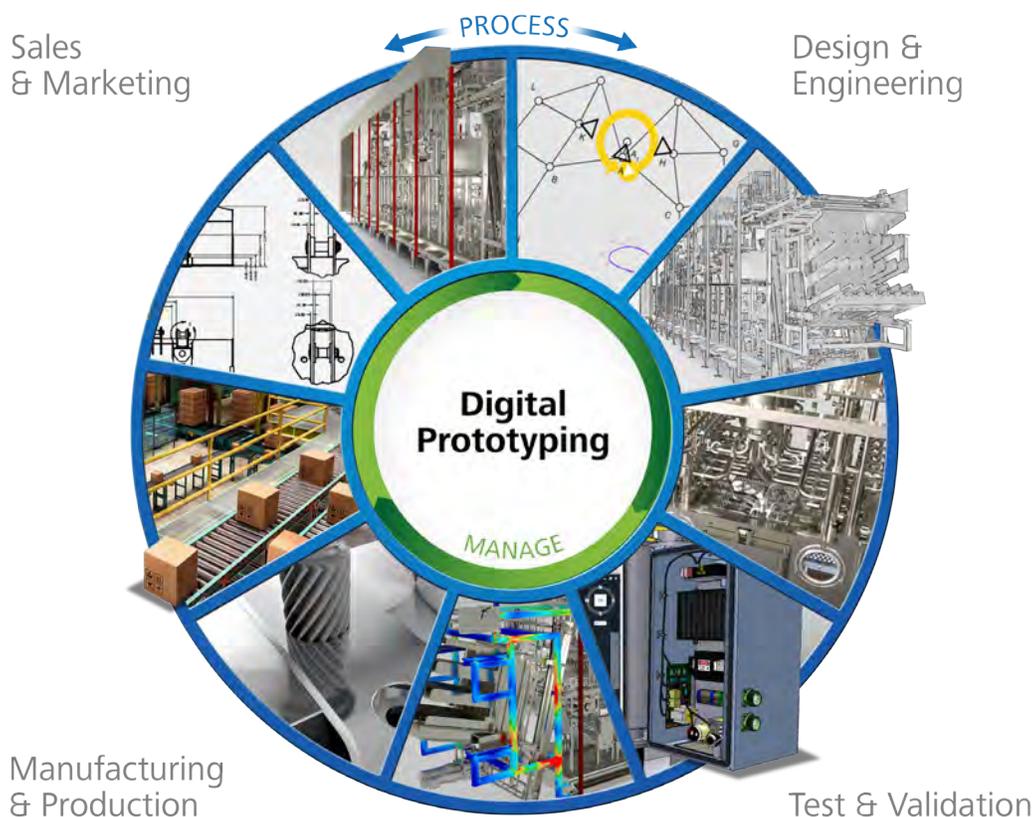**AUTODESK®**

Make innovation your
competitive advantage

Design remarkable products in a complete Digital Prototyping workflow

Autodesk Product Design Suite helps you innovate, get to market faster, and make great products

Autodesk® Product Design Suite 2016 software is a comprehensive solution for Digital Prototyping, delivering 3D design, visualization, and simulation tools to complete your entire engineering process. The Digital Prototyping capabilities of Product Design Suite can help you design better products, reduce development costs, and get to market faster.

Drive innovation

Develop more innovative designs with an integrated suite of tools that help to smoothly transfer information and meet the demands of each phase of engineering, from design through simulation and visualization. Give your products a competitive edge by integrating industrial design aesthetics into your products using a wide range of modeling tools.

Design without boundaries

With a broad set of easy-to-use, interoperable design tools, your engineering design teams can work more creatively and manage their processes more efficiently. As ideas move from concept to engineering, the need to remodel concepts is minimized as engineers can work from conceptual designs. And with everyone using a common set of tools, you improve collaboration across all phases of development.

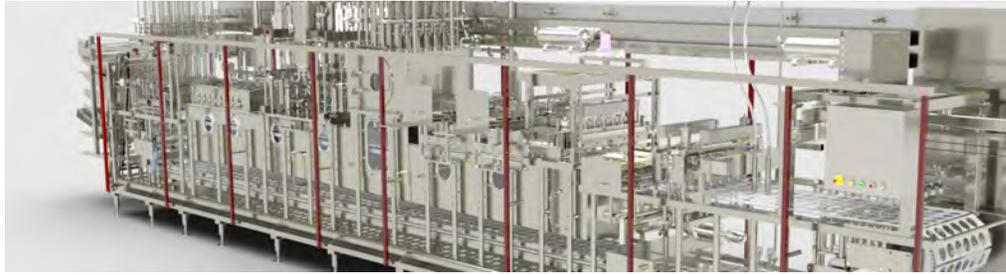### Improve product quality and lower costs

Optimize and validate product performance before the product is built. With cloud-based Autodesk® 360 services and integrated simulation tools, Product Design Suite helps you reduce the chance

of errors, validate design intent through the entire process, and select low-cost, low-impact materials to aid in sustainability. Tight integration with the 3D design software helps make it cost-effective to use simulation throughout the design process.

Collaborative data management

Avoid duplication of effort and manage all of your design data through an integrated data management system. Autodesk provides centralized data management software that enables workgroups to securely store and manage work-in-progress design data and related documents. This enables a streamlined change management system, accurate bills of materials (BOMs), and the ability to share digital models with your team, customers, and suppliers.

Innovate designs, collaborate across teams, and create compelling presentations

Autodesk® Product Design Suite Ultimate 2016

Included software:
Autodesk® Inventor® Professional
Autodesk® AutoCAD®
Autodesk® AutoCAD® Mechanical
Autodesk® AutoCAD® Electrical
Autodesk® AutoCAD® Raster Design
Autodesk® Navisworks® Manage
Autodesk® Navisworks® Simulate
Autodesk® ReCap™
Autodesk® Alias® Design
Autodesk® 3ds Max®
Autodesk® Showcase®
Autodesk® Vault Basic

Cloud service entitlements*:
Fusion 360 Ultimate
Rendering
Mockup 360
Autodesk Remote
Photo to 3D

Autodesk® Product Design Suite Premium 2016

Autodesk® Inventor®
Autodesk® AutoCAD®
Autodesk® AutoCAD® Mechanical
Autodesk® AutoCAD® Raster Design
Autodesk® Navisworks® Simulate
Autodesk® ReCap™
Autodesk® 3ds Max®
Autodesk® Showcase®
Autodesk® Vault Basic

Cloud service entitlements*:
Autodesk® Fusion 360™
Rendering
Autodesk® Mockup 360™
Autodesk® Remote™
Photo to 3D

*Desktop or Maintenance Subscription required

Communicate design ideas

Use Autodesk Product Design Suite to more easily generate and share production-ready documentation from a validated digital prototype, helping reduce errors and deliver designs in less time. Turn your design data into photorealistic renderings and cinematic-quality animations, helping to give you an edge over your competition and provide visually stunning design concepts to customers. Enhance engineering design review and collaboration by integrating supply chain data to create complete large-scale digital mockups.

Integrated electrical and mechanical design

Product Design Suite helps mainstream manufacturers realize the full benefits of mechatronics by enabling them to quickly create and easily maintain a single, digital model. This model connects mechanical and electrical teams by bringing together design data from all phases of development for use across all disciplines. Because the digital model simulates the complete product, engineers can better visualize, optimize, and manage their design before producing a physical prototype.

Available in Premium and Ultimate editions, Autodesk Product Design Suite includes some or all of the following software (refer to the sidebar for a specific breakdown of each edition):

Autodesk Inventor
Autodesk® Inventor® software is the center of an open and connected product development ecosystem that enables you to make great products with professional grade engineering solutions.

Autodesk Inventor Professional
Build on the power of Autodesk Inventor for engineering design and manufacturing with Autodesk® Inventor® Professional software, which includes tools for advanced product simulation, routed systems design, and tooling creation.

AutoCAD Mechanical
Accelerate the creation and revision of mechanical drawings with Autodesk® AutoCAD® Mechanical software, providing all the functionality of AutoCAD software plus a complete set of mechanical design productivity features.

AutoCAD Electrical
Use Autodesk® AutoCAD® Electrical l software to help accelerate the creation of electrical control systems by automating electrical engineering tasks and providing comprehensive symbol libraries.

AutoCAD Raster Design
Autodesk® AutoCAD® Raster Design adds powerful raster editing and raster-to-vector conversion tools to AutoCAD-based software.

Autodesk Navisworks software products
Integrate multiple model sources to help improve team collaboration, simulate assembly sequencing, and enhance project review.

ReCap
The Autodesk® ReCap™ family of reality capture software and services helps users create intelligent 3D models from captured photos and laser-scanned data.

Autodesk Alias Design
Autodesk® Alias® Design software enables you to incorporate industrial design aesthetics into your digital prototypes and create production-ready surfaces with the same flexible modeling tools used by the world's most successful automotive and consumer product manufacturers.

Autodesk 3ds Max
With Autodesk® 3ds Max® software, create cinematic-quality renderings and 3D animations to market and sell your products, reducing the need for costly physical prototypes and photo shoots.

Autodesk Showcase
Improve the design review process by easily transforming CAD data into compelling imagery and presentations.

Autodesk Vault Basic
Gain more control over your design data with Autodesk® Vault Basic software for managing design creation, simulation, and documentation processes.