

# PRODUCT DESIGN & MANUFACTURING

The Autodesk PDMC is a comprehensive, integrated toolset designed to take users from initial concept through to production, covering design, engineering, CAM, factory layout, visualization, and collaboration. It saves on costs, boosts efficiency, and scales with complex workflows, making it perfect for organizations managing sophisticated product and manufacturing environments.

## INVENTOR PROFESSIONAL

Advanced tools for 3D mechanical design, simulation, visualization, and documentation. Empowering efficient product development and engineering.

#### **INVENTOR NESTING**

True shape nesting software for Inventor to optimize yield from flat raw material.

## INVENTOR TOLERANCE

Inventor Tolerance
Analysis helps evaluate
how dimensional
variations affect cost and
manufacturability.



## INVENTOR CAM ULTIMATE

Fully integrated CAD/CAM solution for Inventor, supporting 2.5- to 5-axis machining operations.

### **INVENTOR NASTRAN**

CAD-embedded finite element analysis software.

### **VAULT**

Streamline workflows with product data management software.



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#### **FUSION**

Cloud-powered design software for manufacturing that integrates 3D modeling, electronics, simulation, and data management.

### **RECAP PRO**

Reality capture and 3D scanning software and services.

### NAVISWORKS MANAGE

Streamlines BIM coordination by unifying models, detecting clashes, and enhancing team collaboration.



### **AUTOCAD**

Comprehensive 2D and 3D CAD software with access to AutoCAD, industry-specific toolsets, and mobile and web apps included in the subscription.

### 3DS MAX

Professional 3D modeling, animation, and rendering software for game development and design visualization.

## FACTORY DESIGN UTILITIES

Conceptualize, plan, and validate manufacturing facilities.