



# SOLIDWORKS Ultimate

## WHAT

### Design

- 3DEXPERIENCE SOLIDWORKS Premium (XWC)
- 3D Creator (WXD)
- 3D Sculptor (XFO)
- 3D SheetMetal Creator (XBT)
- 3D Structure Creator (XSU)
- 3D Mold Creator (XMO)
- Manufacturing Definition Creator (XMB)

### Governance

- 3DSwymer (IFW)
- Collaborative Industry Innovator (CSV)
- Collaborative Designer for SOLIDWORKS (UES)\*  
*\*Not required for 3DEXPERIENCE SOLIDWORKS*
- Project Planner (XPP)
- Product Release Engineer (XEN)
- 3D Product Architect (PAU)

### Manufacturing

- NC Shop Floor Programmer (NSR)
- Lean Team Player (LTR)

### Simulation

- Structural Designer (SRD)
- 3D Motion Creator (XMD)

### Marketing

- 3D Render (DPA)
- Product Communicator (XPR)
- 3D Demonstrator (OCD)

### Online Learning

- Learning Experience for 3DEXPERIENCE WORKS (WKLX)

## WHY

### Tipping Points (CBIs)

- Need for a proven, best in class design tool
- Inefficient collaboration among product development teams
- Disconnected BOM Management, product structure managed in separate tools
- Poor execution on project management
- Lack of visibility into the entire product development process
- Overhead of software deployment and maintenance
- Insufficient resources for ensuring data security, backup, and recovery
- Limited by current CAM solution
- Need virtual prototyping with best-in-class simulation capabilities
- Need to create compelling virtual product experiences
- Need to generate technical illustrations easily from CAD designs

### Benefits

- SOLIDWORKS best in class design tools connected to the cloud
- Enable stakeholders to collaborate in all product development processes
- Increase innovation and accelerate product development through cloud collaboration
- Reduce errors through a single, shared engineering BOM that ensures teams are always working on up-to-date information
- Free up local resources by leveraging cloud computing for linear static, frequency, buckling, and steady-state thermal analysis
- Deliver immersive product experiences to engage their customers
- Increase manufacturing capabilities with nesting, wire EDM, laser, waterjet, and plasma cutting
- Leverage next-generation browser-based cloud applications for parametric 3D design, freeform design, and 2D documentation
- Includes all the benefits of Cloud Services – Share and Markup, Store and Revise, Manage and Control

## WHO

### CUSTOMER PROFILE

- Companies doing product development from concept to manufacturing
- Need improved team collaboration and project management
- Require product structure and BOM management
- Need best in class simulation
- Need to create experiences for their customers
- Looking for reduced IT overhead

### USER PERSONA

- Designer and engineers involved in end-to-end product development processes
  - Design
  - Validation
  - Manufacturing
  - Marketing
  - Project Managers

### DECISION MAKER PERSONA

- VP of Engineering
- CAD Manager
- IT Admin

## HOW

### DESCRIPTION

Powerful 3D CAD connected to all of your organization's people, data, and processes in one unified, secure place to support and collaborate on design all the way through to manufacturing

### ELEVATOR PITCH

Drive efficiency and improve productivity from early definition to final validation, in collaboration across disciplines increasing communication & innovation to reduce time & costs to get to market, with security & scalability

## WHEN

**At Startup (small)**  
Build a foundation

Or

**At Growth (medium)**  
Go beyond design

Or

**At Enterprise (large)**  
Engage all stakeholders