

**Dimensions Expert**

- *NEW*: Advanced Triangle Mesh Editing with Shape Control
- *NEW*: Input PLY and Output PLY Files
- *NEW*: Faster Split and Connect Commands
- Automatic Verify and Repair
- Manual Repair and Edit
- Model Splitting and Connecting with Pins
- Platform Definition and Model Positioning
- Check Thin Walls command, Flip Selection and Triangle Normals
- 3D Viewing, Transformation and Measuring
- Efficient Data Structures to Input and View Large Triangulated Models
- Workflow and Tools Window to Access Mostly Used Repair and Manipulation commands
- Intuitive Menu Structure to Support the Workflow
- Help Text window to Aid in the Repair Process
- Free Viewing Directions and Selection Mechanism
- Fully Resizable Model Tree
- Reliable Network and Standalone Licensing System
- Efficient 3DE File Format to Store Full Topology, Color and Texturing Information
- Input STL, VRML, ZPR, OBJ, PLY, DXF and DA Files,
- Write STL, VRML, ZPR, PLY and 3DE Files
- Converting VRML 1.0 geometry to VRML 2.0 geometry