



Evolution thro' Knowledge

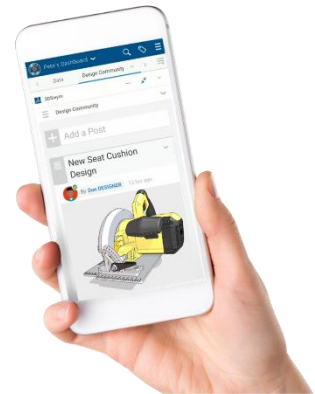
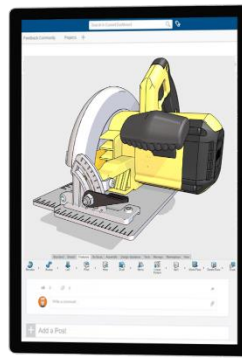
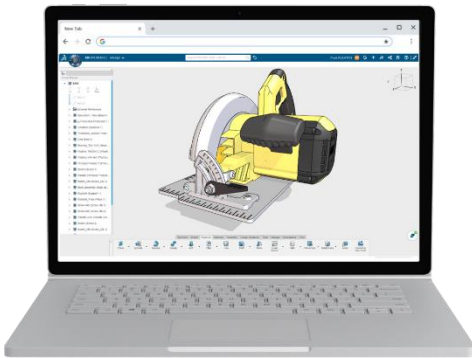
E G S Computers India Pvt Ltd.

Engineering Global Solutions

TOP ENHANCEMENTS IN BROWSER-BASED XAPPS ON 3DEXPERIENCE CLOUD

Using the 3DEXPERIENCE Platform you and your design teams can quickly and easily create, review and evaluate 3D conceptual and detailed models. Since the 3DEXPERIENCE Platform is cloud based you can do all of this on any device, whether you are in the office or working remotely. All you need is an internet connection and a browser on any device, so you can login to work on your design project wherever you are!

There are many xApps which serve individual purpose like 3D Creator for parametric modelling, 3D Sculptor for sub-D Modelling and more like 3D Sheetmetal Creator, 3D Structure Creator, 3D Mold creator, etc.,



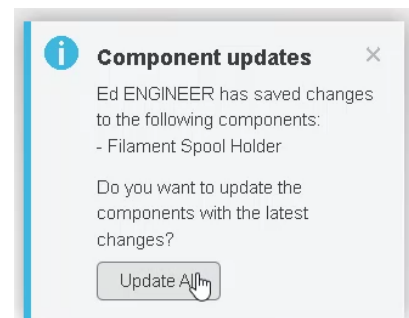
Few of the top enhancements in 3DEXPERIENCE SOLIDWORKS based Browser apps are:

Welcome App for xApps

Welcome app for all xApps lets you access all the key role and learn about the app information latest platform solutions by following guided workflows, as well as tutorials and learning paths.

Push Notification for Updated Designs

Stay up-to-date with the latest changes to your active design with new instant notifications to signal when another user has made changes to a component or subassembly within your active assembly.



Equations for Thread Command

Utilize the power of parametric modelling and drive changes with design intent using new equations support for parameters during thread creation process.



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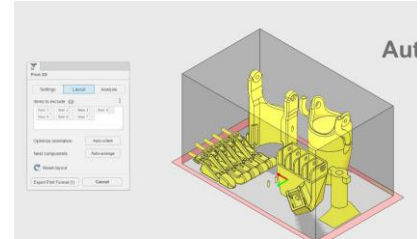
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3D Print Orientation and Nesting Optimization

Automatically create and optimize layouts for 3D printing components in your assemblies and auto-arrange components in nested patterns across your 3D printer build plate.

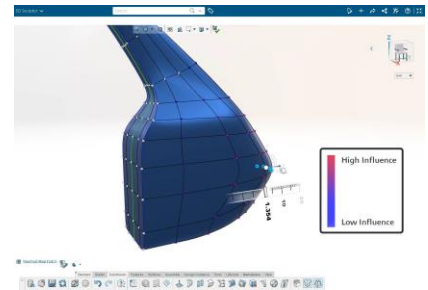


Smart Mate in 3D Creator

Put assemblies together faster than ever with SmartMates. Simply drag and snap components into place or close to another component's edge, which invokes the command automatically.

Soft Selection in 3D Sculptor

Control the influence of a push-pull operation when editing a subdivision mesh. Increase the influence to move large portions of the mesh with evenly distributed displacement or decrease the influence to make localized changes to some entities while keeping the rest of the mesh unchanged.



Selection Accelerators in 3D Sculptor

- Select all tangent edges or faces using the Select Tangency accelerator from the minibar.
- Shift-select along a corner loop using the Corner Loop accelerator.
- Select all connected edges with the same crease with Select Crease accelerator from the minibar.

Selection is Retained After an Undo Operation in 3D Sculptor

It takes time to select the edges, faces, vertices or loops to perform a manipulation. But after manipulation if the output is not satisfactory, it can be undone with CTRL+Z, now the selection is retained and you not select them again from scratch.

Automatic Corner Trimming in 3D Structure Creator

Save time by automating the corner trimming process. Create members based on sketch segments, model edges, points, or intersection planes, or between two members, and check Enable Automatic Corner Trims to trim corners and end points. Save time by automating the corner trimming process.

Manipulators For Adding Secondary Members

Easily place Between structural members with the new, intuitive pierce point manipulators. The new robot manipulators in the graphics area make it easy to place the endpoints for secondary members in between primary members.



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Recognize | 3D SheetMetal Creator

With all new Recognize feature, you can:

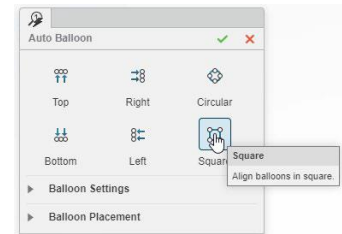
- Create complex sheet metal geometry using conventional convert-to-sheet-metal workflows.
- Convert solids, surfaces, and uniform thickness bodies to sheet metal.
- Customize bends, walls, splits, gap distances, and more, all with a single command.

Thickness Analysis in 3D Mold Creator

Perform thickness checks using the new Thickness Check tool and easily identify the thickness range using Colors. Also, you can manually investigate thicknesses at specific locations.

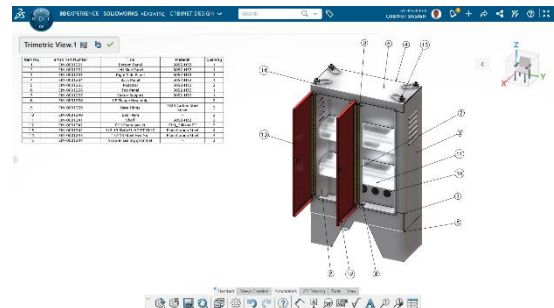
Auto Balloon in Manufacturing Definition Creator

Easily define assemblies and save time in identifying key components with automatic balloon creation with linked properties to your bill of materials.



BOM Tables in Manufacturing Definition Creator

Create detailed bill of materials (BOM) tables for 3D assembly definition and 2D drawings. Automatically link BOM table values directly with ENOVIA part properties for, up-to-date information.



AUTHORIZED
Reseller



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