



Evolution thro' Knowledge

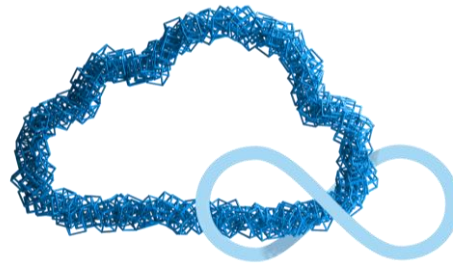
E G S Computers India Pvt Ltd.

Engineering Global Solutions

3DEXPERIENCE SOLIDWORKS TOP ENHANCEMENTS IN 2023

Computer Aided Design or CAD, The Engineers tool to give life to their products, has gone through countless changes since its inception, and now it is in next stage of revolution. As an engineer, you may face challenges in collaboratively working on designs within your team and across departments like simulation and manufacturing. Now SOLIDWORKS comes connected to the 3DEXPERIENCE which allows you to access all collaboration, product data management (PDM) and product lifecycle management (PLM) capabilities from anywhere, anytime and with any connected device.

Collaborate on your designs and activities with your teams, offices and plants across the globe but and location is not a constrain anymore with the 3DEXPERIENCE platform on cloud. Access your SOLIDWORKS designs within a browser for design reviews, approvals, drawing release and much more with curated roles for everyone participating in the product design and development process.



3DEXPERIENCE®

There are several enhancements in 3DEXPERIENCE SOLIDWORKS 2023 for its users across different areas as follows:

- User Experience
- Part Design
- Assembly Design
- Drawings
- Sheet metal
- Structural Systems
- Routing
- SOLIDWORKS Visualize

The Enhancements and new features in above areas are explained in detail and to view them [click here](#).

Let's focus on other areas of enhancements in 3DEXPERIENCE SOLIDWORKS:

Automatically Optimize Resolved Mode

While using SOLIDWORKS assemblies, a new feature in R2023X GA, you can enable "AUTOMATICALLY OPTIMIZE RESOLVED MODE" from Options > Performance, to optimize resolved mode assemblies automatically by selectively using lightweight technology when you load components in resolved mode.



Regd. Office : DESIGN TOWERS,32/16, 5th street, Dr. Subbarayan Nagar, Kodambakkam, **Chennai** 600024 **PH:** 94454 24704

Branch Office I : 2nd Floor "SanHasa Square", No.17, Bharathi Park 3rd Cross, Saibaba Colony, **Coimbatore** 641 043 **PH:** 94449 53542

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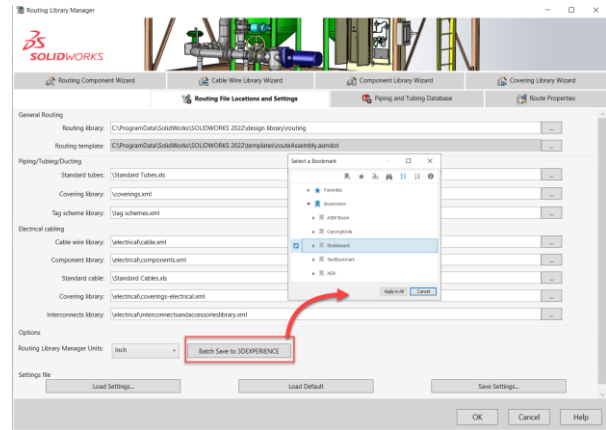
Web-Site: www.egsindia.com

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Routing Library Manager

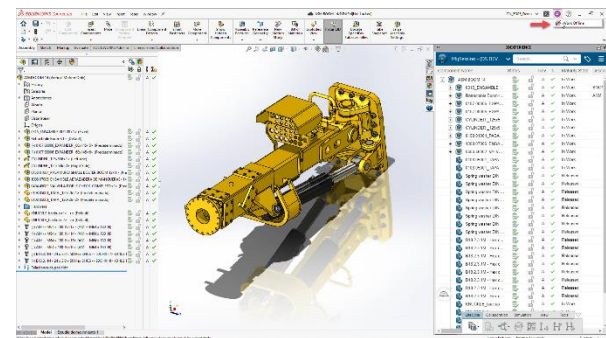
With new "Batch save to 3DEXPERIENCE" option in routing library manager, Organize Routing Library Manager content on the 3DEXPERIENCE platform using Bookmarks.

With this, share your common CAD families and files via a cloud method among your design team for better "Design Reuse"



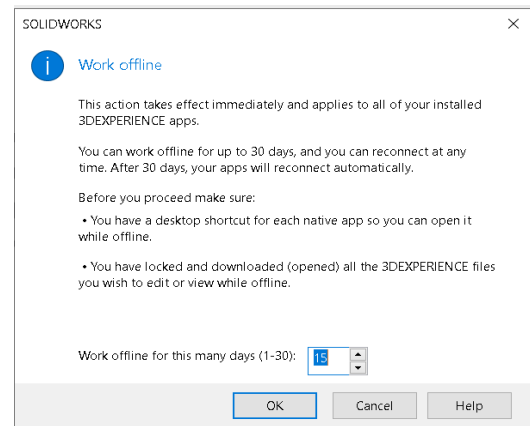
Cloud Data Management

Securely save and manage all your CAD data on the cloud like managing revisions, maturity states, 3D Markups, derived format outputs, design review. Explore the never before intuitive user interface for product data management (PLM) and product lifecycle management (PLM).



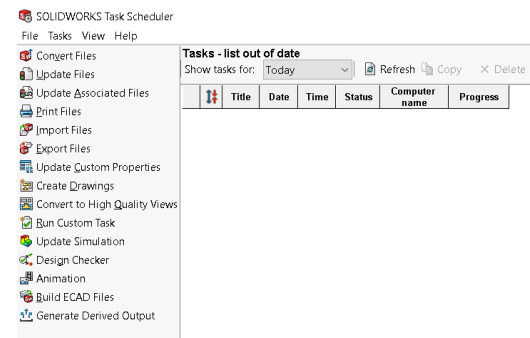
Offline Mode

Never let any circumstances affect your work with 3DEXPERIENCE SOLIDWORKS. It works with flexible named user online licensing, which requires your User ID and password. Now, you can login and obtain 3DEXPERIENCE SOLIDWORKS license in your computer for up to 30 days for working offline.



Task Scheduling

The most useful Task Scheduler tool is now available in 3DEXPERIENCE SOLIDWORKS. Improve your efficiency by automating time consuming manual tasks like drawing creation. Also automate the export of released or frozen content such as DXF/DWG files on the 3DEXPERIENCE platform.





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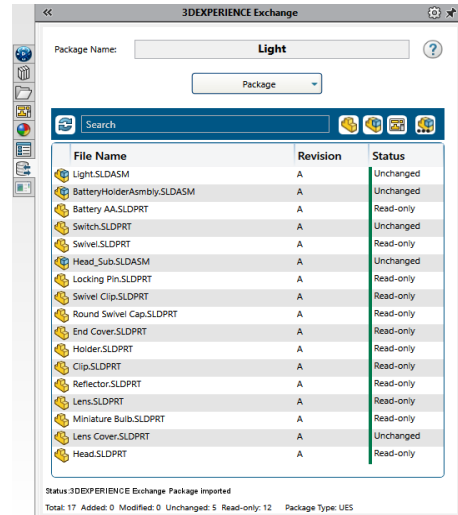
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Flexible Revisioning Scheme

Now choose from new flexible revision formats and utilize primary and secondary levels of revision, enabling component A.1 on revising to become A.2 instead of B, but you have that option either.

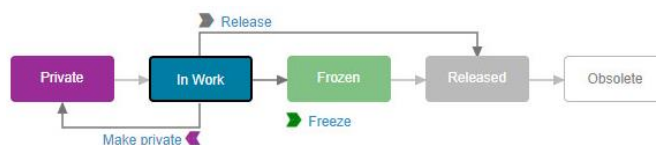
Data Exchange with External Suppliers

Often, we need to collaborate on SOLIDWORKS designs with external suppliers or clients. Now, share your models externally with edit access only to a selected part or a sub-assembly as a SOLIDWORKS Package, where other components of your product remain in read only mode. The modified package can be received and replaced with existing design on the 3DEXPERIENCE cloud without affecting the references.



Drawing Maturity Transition Rule

With 3DEXPERIENCE as your PLM solution, you can limit release of these engineering drawings only if its referenced component and assembly designs are in released state. This way we get prevent drawings accidentally being released by our team whose designs has not yet been finalized.



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