



3DEXPERIENCE™

CATIA COMPOSER SYNC PRODUCTS



DELIVERING 3DEXPERIENCES

CATIA Composer is the industry leading solution for creating 2D and 3D product communications across industries. To further enhance the power of the CATIA Composer content authoring platform, CATIA Composer Sync and CATIA Composer Enterprise Sync enable users to easily update product communications whenever designs are changed. This helps maximize workflow efficiency while ensuring revision control across product deliverables as designs change.

CATIA Composer Sync is a software solution that provides a straight forward graphical user interface for users to run batch file conversions. With an array of conversion options, CATIA Composer Sync performs full geometry and metadata updates or incremental updates based on geometry and metadata changes. Importantly, CATIA Composer Sync conversions preserve all work performed in CATIA Composer, ensuring that existing product communications do not need to be recreated following updates.

Using CATIA Composer Sync, batches of 3D CAD and associated data can be converted into CATIA Composer formats according- to defined tessellation and other settings. Batch job settings are saved in XML files, making it easy to perform consistent conversions at any point in the future. CATIA Composer Sync is also capable of publishing 2D raster and vector images based on pre-defined CATIA Composer views. Batch conversions can be run based on different CATIA Composer profile settings, making it easy to adapt output to match individual needs when regenerating product deliverables.

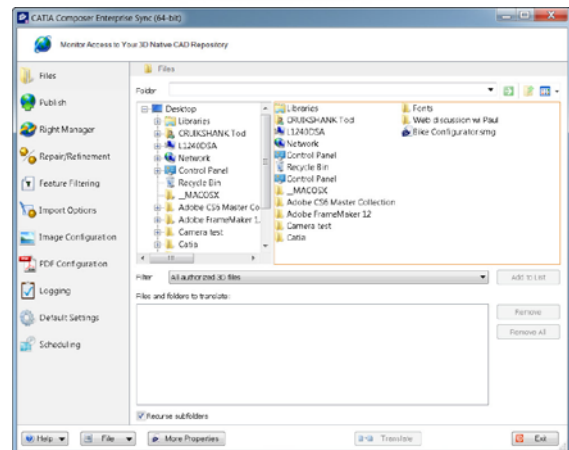
BATCH FILE CONVERSION

- CATIA Composer (.smg)
- CATIA Composer (.smgXml and smgGeom)
 - Monolithic
 - Fully Shattered
- CATIA Composer (.exe)
- PDF (.pdf)
- VRML 2.0 (.wrl)
- 3DXML (.3dxml)
- Alias Wavefront (.obj)
- 3D Studio Mesh (.3ds)
- Stereolithography (.stl)
- Universal 3D (.u3d)
- XAML (.xaml)
- VDA (.vda)
- ACIS (.sat)
- ACIS binary (.sab)
- IGES (.igs, .iges)
- STEP (.stp, .step)
- CATIA V4 (.model, .exp)

CATIA Composer Enterprise Sync can be connected with existing enterprise systems through a command line interface to programmatically execute CATIA Composer Sync conversion jobs. All CATIA Composer Enterprise Sync operations can be controlled through the UI or through the use of dynamically modified XML job setting files (intelligent scripting), ensuring that conversions are performed correctly and consistently. Additionally, CATIA Composer Enterprise Sync is able to run scheduled static interference and clearance analysis performed with the CATIA Composer Check extension. Results of the analysis are provided in an XML file that can be run in CATIA Composer to identify geometry interferences and clearances, or as input for dispositioning.

RASTER AND VECTOR GRAPHIC PUBLISHING

- Vector
 - SVG
 - SVGZ
 - CGM
- Raster
 - JPEG
 - TIFF
 - BMP
 - PNG



Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 170,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

