Lyon, the 7th of october 2025

V2025.4 Datakit convertors to drive production efficiency!

As automatization is a hot topic in the industry worldwide environment, the main focus above all of Datakit, is to provide continually smart technical solutions to boost efficiency and quality!

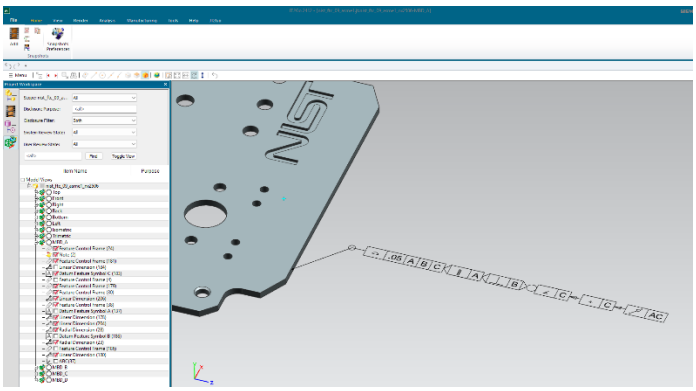
Version 2025.4 of Datakit's converters ensures **reading** third party software vendors **update compatibility**:

Creo Parametric / ProEngineer up to 12.0
CreoView up to 12.0
Fusion 360 up to 2603.1.52
NX/Unigraphics 2506 Series (until 2506.4000)
Parasolid up to version 38.0

And also while **reading** and **writing** STEP for last published schema AP242.E4

Converters enhancements meet the need of the market situation driven by cost and time

- Instantiation of the meshes of glTF in order to avoid duplication and matches the efficient transmission and loading of 3D scenes and models by engines and applications
- New functionality that analyses and semantically rebuilds the Feature Control Frame Indicators (FCF) available in the JT format. These FCF indicators were already available for Datakit Catia V5 and NX Unigraphics converters. Now, there are also available for the JT format for 3D model visualization and collaboration.



- Reorganisation of the way data are processed and retrieved from Navisworks to better meet the specific needs of the software companies who integrates its conversion solutions to stream large CAD models and get part or the whole-project view.

- Improvement of Inventor reading mode of folded and unfolded state in sheet metal process as well as imported part files with surface bodies.
- Smart management of Revit visual style functionality. The style determines which colour and textures to apply on objects with material to get the image path, the .png, scale factors, …etc

In addition, some days ago, during **CAx Round 56J Review Meeting held as part of the LOTAR session**, at Seattle, Datakit showcased the results of its developments related to STEP AP242 E4, especially the support of:

- Persistent IDs as Unique Universal IDs (UUID) in STEP,
- Geometry visibility by view,
- FDT graphics in case of multipresentation (tessellated + placeholder),
- Holes features (initiated with LOTAR Pilot 2019 and CAX-IF TR 54).

Continuing on LOTAR Pilot 2025, we expanded our prototype ability to convert STEP XML Assembly PMI from native format.

Through strong involvement as implementor with the CAx Interoperability forum & the LOTAR Pilots and long-term commitment in support of standardization, Datakit participates to continuous efforts to improve robust interoperability between CAD/CAM Software.

More about our solutions: solutions@datakit.com