

Accessible 3D Data: Unlocking the Value of JT and STEP with LiteBox3D

Arnd Feye | TECHNIA

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Who We Are

TECHNIA is a global 3DEXPERIENCE and PLM solutions provider, operating across Europe, the Americas, and Asia. We are one of Dassault Systèmes' largest partners and a specialist in product data quality.

6000+

CUSTOMERS

Whatever challenges you're facing, chances are we've overcome them before

525+

EXPERTS

We have the skills and experience needed to be a valuable extension of your team.

33+

OFFICES

Located across 15+ countries, we're big enough to deliver and small enough to care.

30+

YEARS

We have decades of experience delivering pioneering solutions.





Imagine this: your team has just completed a detailed 3D model. **Now what?**

Interactive 3D Data Across the Enterprise

Each team needs **access**.
Each team has **constraints**.



LiteBox3D: JT & STEP Viewer

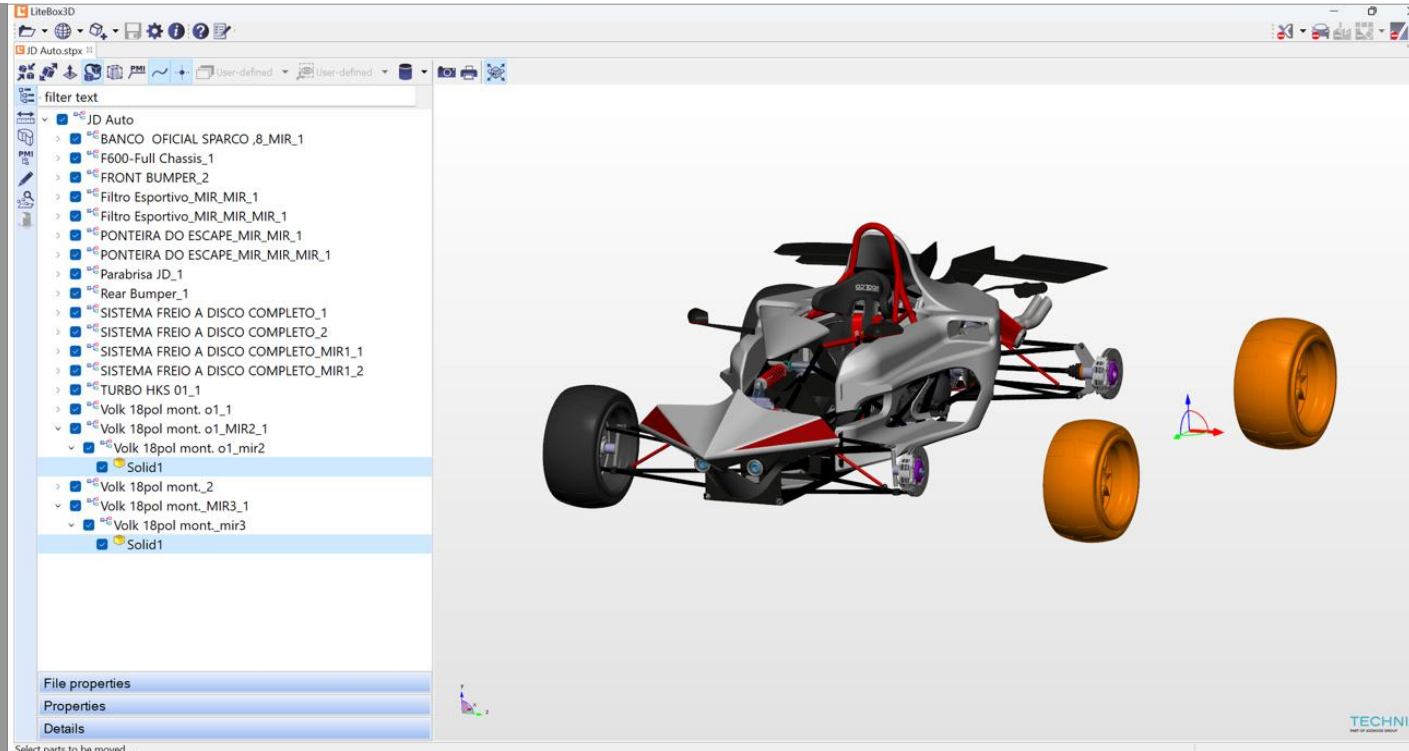
LiteBox3D is purpose-built to handle both JT and STEP files – the industry standards for neutral 3D data.

GEOMETRY ANALYSIS

- Topology analysis of JT/XT BRep elements
- Silhouette creation from 3D geometry

MEASURING & CLIPPING

- Accumulated length measurement
- Align clipping plane to face / curve / screen
- Rotate clipping plane while editing



AUTHORING & MARKUP

- Create & edit redlining scenes
- Move individual parts in the assembly
- Edit / add / remove properties, save to JT

ADVANCED VISUALIZATION

- High-end ray tracing
- Bounding box display for selection
- PMI tree & PMI properties

Free Desktop Viewer

Download & use immediately

Pro Desktop Viewer

Full toolkit, one license

Web Viewer

3D on any device, no install

LiteBox3D: JT & STEP Viewer

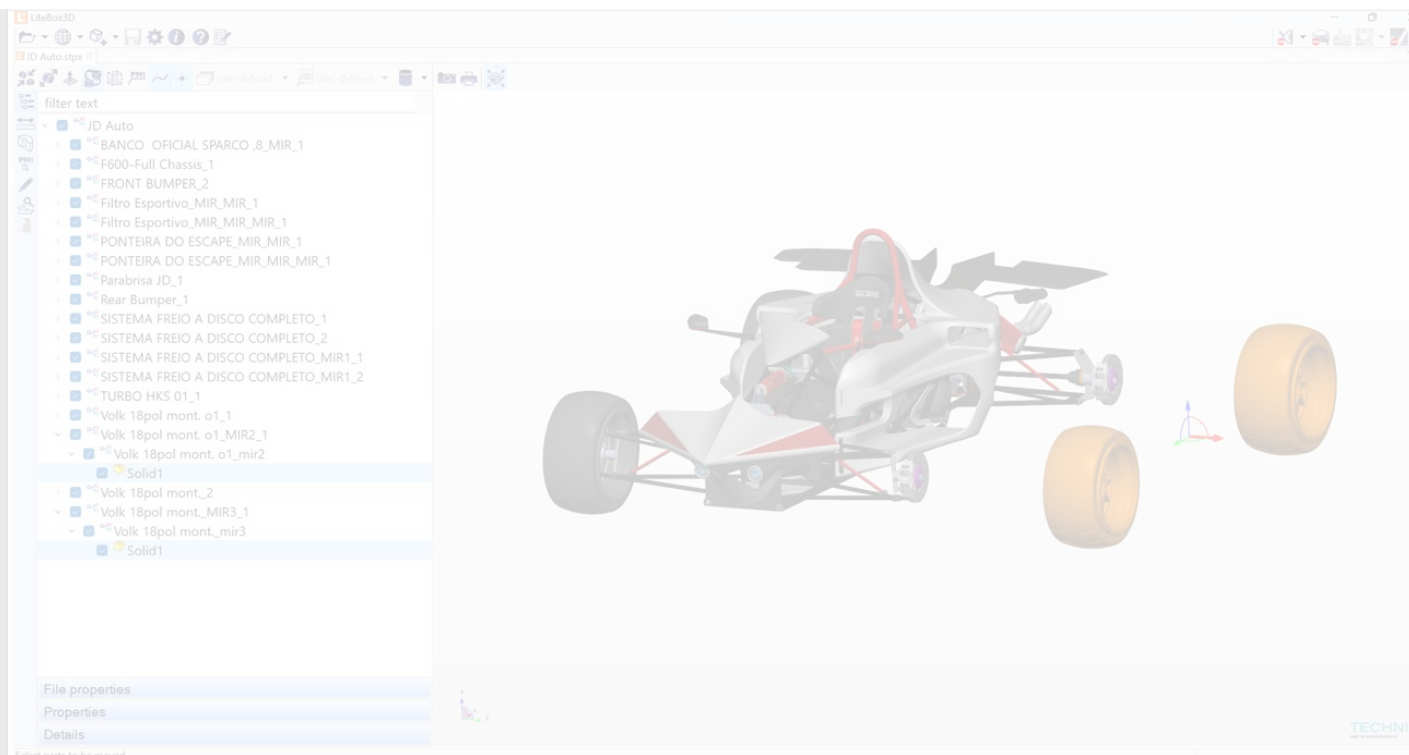
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JT & STEP Support

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JT Support

- Supported versions:

- JT 9.5



- JT 10.6

STEP Support

- STEP (ISO 10303-21)
- STEP AP 203 ED2
- STEP AP 203 EXT
- STEP AP 2014 ED3
- STEP AP 214 ISO
- STEP AP242 BO Model XML
- STEP AP 242 ED1 Exact/Tessellated
- STEP AP 242 ED2 Exact/Tessellated
- STEP AP 242 ED3 Exact/Tessellated

Other Formats

- PLMXML
- TIFF
- VFZ
- VRML
- OBJ

LiteBox3D Pro: Beyond the Viewer

LiteBox3D is no longer 'just a viewer.' Previously standalone products are now integrated into one platform – with unified licensing and seamless workflows.

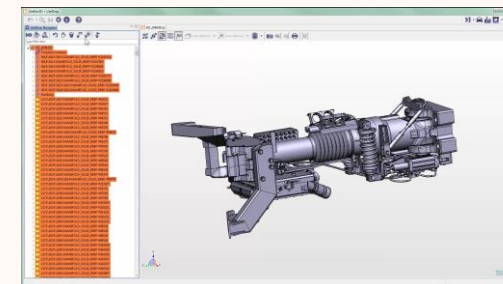
LiteCompare

Side-by-side JT revision comparison: geometry, PMI, properties



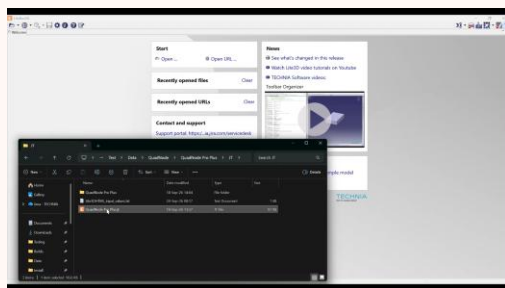
LiteDrop

Data clearing & IP protection before external sharing



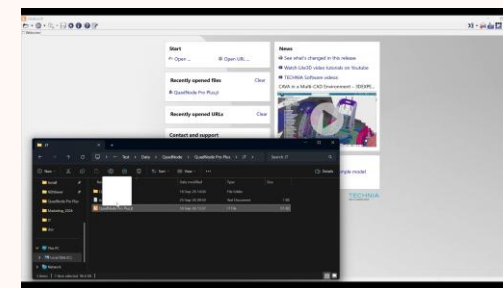
Lite3DHTML

Export interactive 3D HTML viewable in any browser



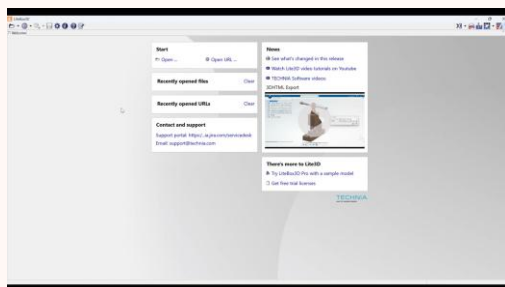
LiteGLTF

Convert JT / STEP to GLTF for AR & real-time use



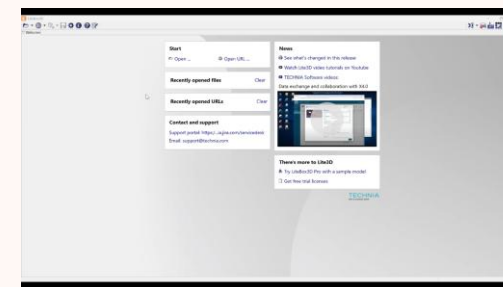
LiteProperties

Batch add / edit / delete JT metadata properties



LiteSilhouette

Batch generate 2D silhouette contours for documentation



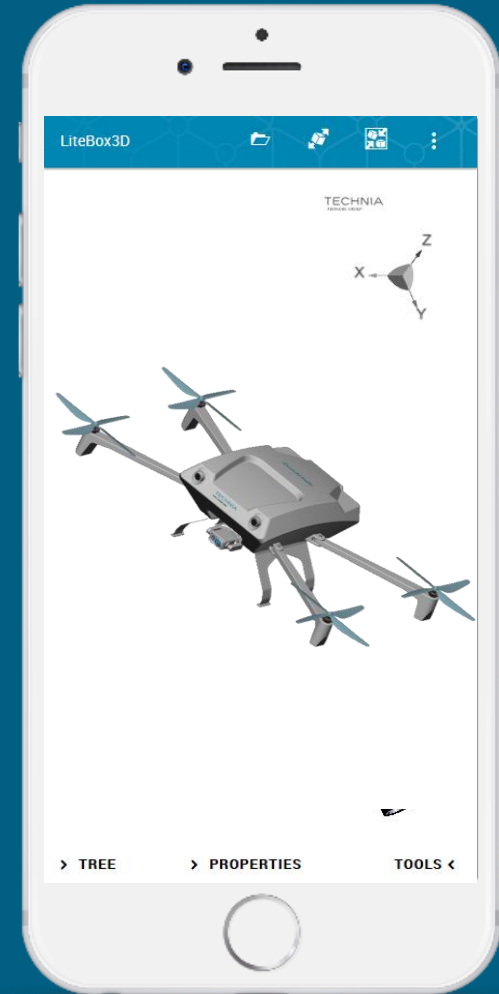
Try it yourself – right now.



Scan to open a live 3D model in your browser.

Rotate, measure, clip, see PMIs – no download, no license.

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PART OF ADDNODE GROUP





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Want to see more?
We are happy to walk you through
LiteBox3D and help you find the
right setup for your team.

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