

























Portals

Reporting **Systems**

Mobiles

Microsoft **Apps**











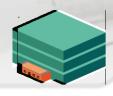


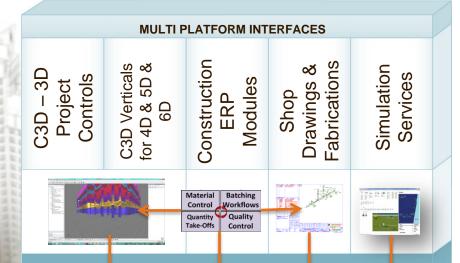


Energy: Oil & Gas, **Plants** and Pipelines

Gen. Construction, **Heavy Civil**

Enterprises





Document Control & Business Integration Backbone (VBC)



Estimation Scheduling Tools **Systems**





DBMS



GIS Legacy







What is C3D

C3D Solutions provides users with the ability to custom control a project

with tools including:

Massive Model Visualization

- Custom Data and CAD grouping
- Systems Integration
- Reporting tools
- Dynamic 3D and Data Link
- Workflow Builder
- Model Review Tools
- Simulations (what-if scenarios) and model verification.





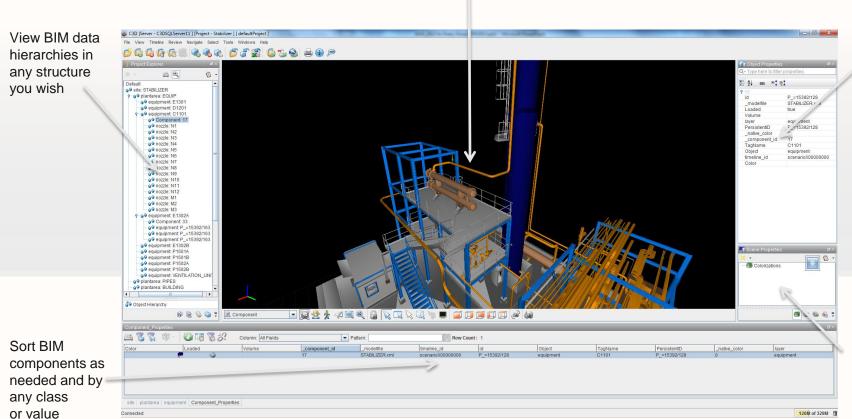






C3D – Visual Project Controls

Smooth 3D Navigation optimized for very large models



Colorize according to construction requirements (progress, material shortage, WFP)

Properties on

the fly





Why we use JOGL?

- Low level API Binding to OpenGL
- Ability to develop a (Native-Like) graphics engine using Java
- Performing and lightweight
- Clear separation between graphic pipeline and the Windowing System. (NEWT)
- Cross-platform (Windows, MacOS, Linux, Android)

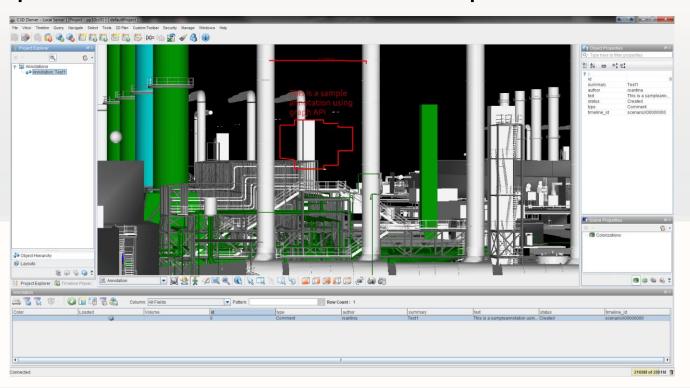




Annotations & Markups

Jogl Graph API usecase

 Utilize JOGL - Graph API for Real time Resolution Independent Annotations and markups.



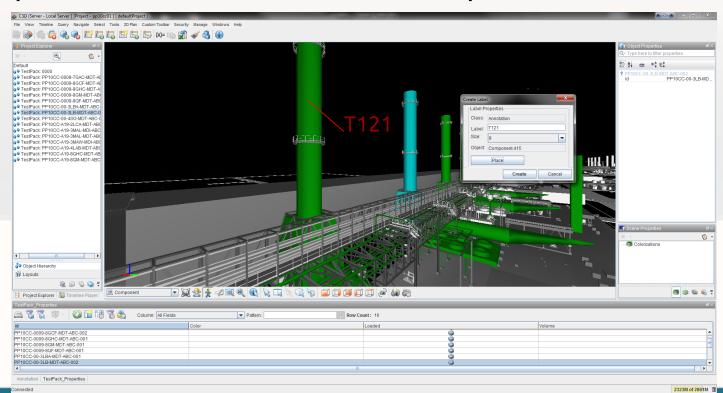




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C3D Mobile

- Portability:
 - Mobile application with full BIM 3D and data viewing capabilities.
 - To be publicly released in Q3 2013



Usage:

- Visualize progress status
- Visualize Material availability
- Check BOQ and estimate at the component level.
- Visualize all possible constraints.

Why:

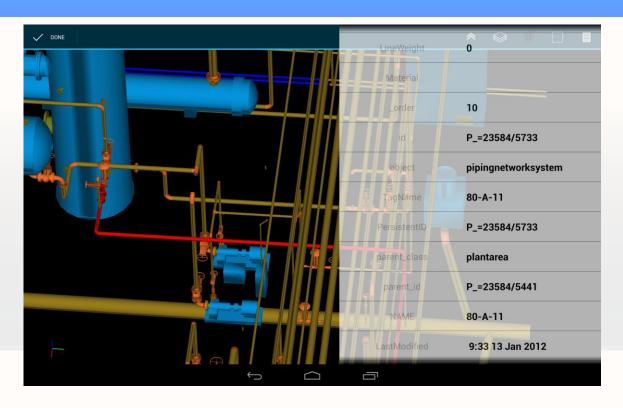
- Cant predicate all needed info before going to site
- More informed on-site decisions.

Towards a paperless Lean construction site.





C3D Mobile



- Uses latest Android SDK features, including new UI and widgets.
- Supports Action Bar & Option Menu for older devices.
- Integrate Android's Fragments on-top of the fullscreen Newt Window with traversable control





Thank you

- More info:
 - Website: http://c3d.com
 - Email: info@c3d.com



