What is C3D

- C3D Solutions provides users with the ability to custom control a project with tools including:
  - Massive Model Visualization (US Patent No. 8725466)
  - Interactive 4D Animation
  - 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

View BIM data hierarchies in any structure you wish

Connect Data Sources and views

Properties on the fly

Colorize, or Simulate to construction requirements (progress, material shortage, WFP)
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)
C3D Mobile

- Mobile application with full BIM 3D and data viewing capabilities.
- More than 15,000 users to date

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 v2.0
Upcoming Release

• Connect to C3D Cloud Server
• Edit model associated data properties
• Initiate Approval Cycle on change.
• Model driven Object Hierarchy
Thank you

• More info:
  – Website: http://cctintl.com
  – Email: info@c3d.com