The Future of Connected Model Coordination with Autodesk Construction Cloud

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Safe Harbor

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Paul Walker is a Sr Product Manager in Autodesk Construction Solutions leading the group building model coordination workflows across Autodesk Construction Cloud. Paul was part of the Navisworks acquisition in 2007 and has been in software development for almost 20 years.
What's the state of model coordination today?
Many teams are still using a process that was developed 20 years ago.
The lonely BIM manager
Collaboration has only become more complicated as projects become more complex and clients expect more from less.
130 MODELS

3,000+ REVISIONS
One solution: Integrated Project Delivery
What is Autodesk doing?
How are we doing that?

• Project setup, collaboration, sharing
• Self checking
• Formal coordination
• Coordination Meeting
• Issue Resolution - Roundtripping
Welcome to Design Collaboration administration

Design Collaboration allows teams to work in their own space and collaborate with complete control of how other teams see the state of their work.

Before you can use Design Collaboration, you must set up teams and add team members. Learn more.
How are we doing that?

• Project setup, collaboration, sharing
• **Self checking**
• Formal coordination
• Coordination Meeting
• Issue Resolution - Roundtripping
Self Check

Formal Coordination

Construction Documents
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How are we doing that?

- Project setup, collaboration, sharing
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How are we doing that?

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• Self checking
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Coordinate Meeting Oct 02, 06:28 PM

Date: Oct 01, 2020  /  Time: 10:00 AM - 12:00 PM  /  Location: Site Tower - Big Room

Description
Review cross-code model coordination, identifying blockers to sign-off/release for construction. Create and review action plans for coordination issues resolution.

Meeting Discussion
- Sign-off Review
  1. Review model content for current sign-off area.
  2. Review area-relevant open and answered issues.
- Linked References
  3. Review any new clashes in relevant area and agree action plan for resolution.
  4. Discuss any other items impacting area sign-off.
- Sign-off Pre-review
  1. Review model content for next sign-off area.
  2. Review area-relevant open issues.
How are we doing that?

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Connected Construction with Autodesk
Outcomes of improved model coordination

- Reduced rework during construction
- Reduced number of constructability issues on site
- Reduced defects at handover
- An increase in the % of successful projects
- Reduced non-recoverable cost of contractors
- Improved plan to actual ratio of schedule
Interested in learning more?

construction.autodesk.com