

Are the Days of MEP Engineering Firms Numbered?

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Class summary

A discussion on the future of engineering firms as the AEC industry transitions to Virtual Design and Construction (VDC) and Building Information Modeling (BIM).



Discussion Topics

During this roundtable, we will discuss:

- how MEP Engineers and contractors are currently working together.
- how Revit models are currently being used by contractors today.
- the possibility of construction companies and MEP Engineering Firms joining together.
- whether this could benefit or hurt the industry.

*All discussion points and the direction of the discussion are subject to change at any time. At any time, if a debate escalates into physical contact, the discussion will be cancelled and the fight will resume outside!

Discussion Rules

- Keep comments brief.
- No long speeches.
- No complaining about Autodesk.
- Don't be afraid to share problems, but not gripes.
- Talk about solutions that work for you.
- Please participate!




**KEEP
CALM
&
FOLLOW
THE RULES**

Discussion Goals

In regards to MEP Engineering Firms:

- Problems would be stated.
- Solutions would be proposed.
- Success stories would be shared.
- New ideas would be created.



Getting to Know Each Other

What is your area of work?

- MEP Engineering
- Structural Engineering
- Architecture
- Contractor
- Other



Where is your firm?



Still Using
AutoCAD

Hybrid
Approach

Only Using
Revit

Somewhere
in the Middle

Revit Models Being
Used for Construction

Discussion Time

Current State and Trends

- What is the current state of MEP Engineering Firms?
- Are things looking better or worse?
- How are engineers and contractors currently working together?



Project Delivery Methods

- What is Integrated Project Delivery, or IPD?
- Have you used IPD successfully?
- What are the pros and cons of IPD?



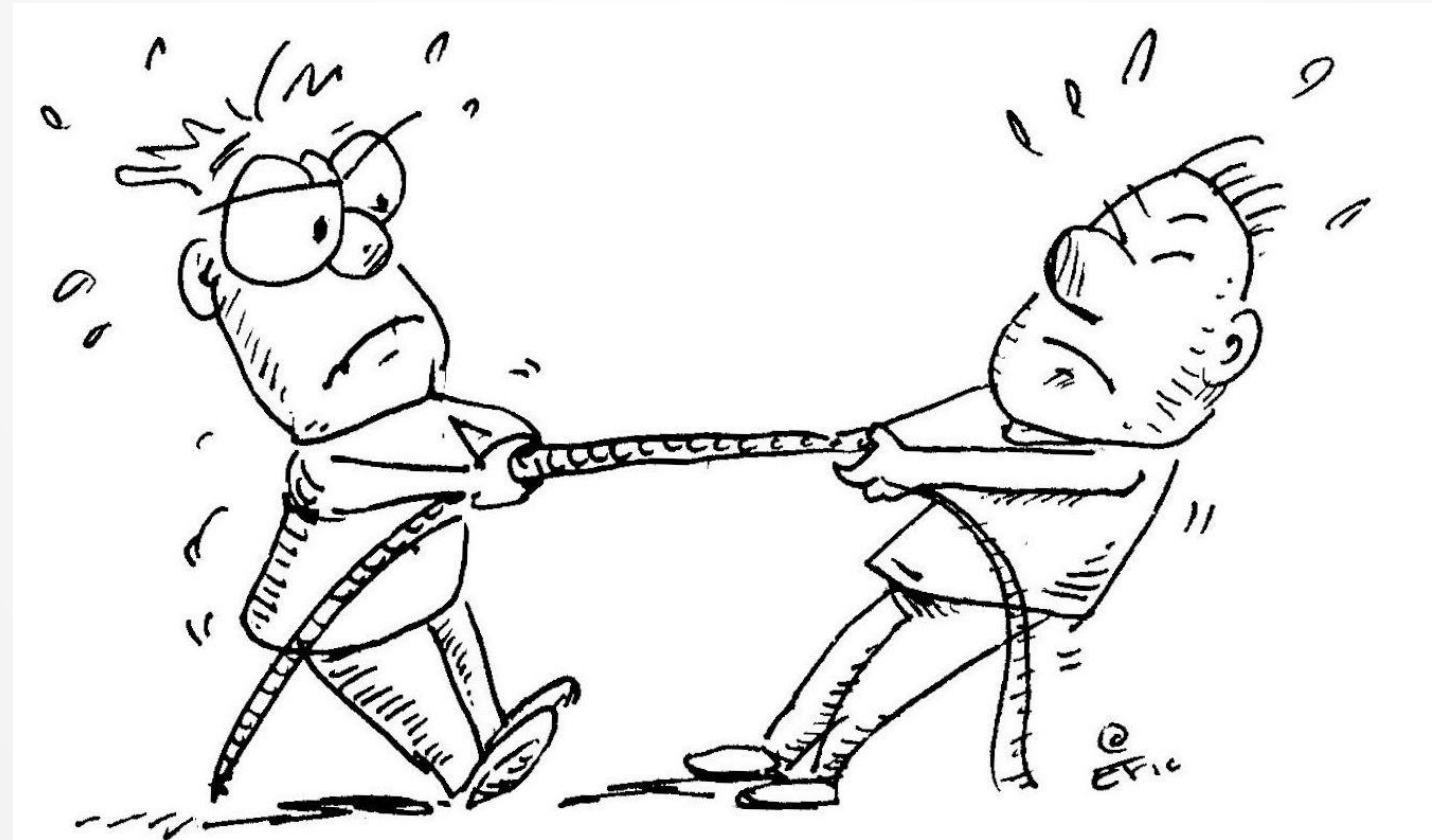
Project Delivery Methods

- What is Design Assist?
- Have you used Design Assist successfully?
- What are the pros and cons of Design Assist?



Who Works for Who?

- In regards to the Design Team and Construction Team, who works for who?
- Who has more power or control during the overall project?
- How do you handle conflict resolution?



Revit Models

- How do you see Revit models being used today? How should they be used?
- Do you see a significant amount of rework or redesign when it comes to handing the design off to the contractor or sub-contractors?



Future

- What is the best solution for design firms in the future?
- Will we see more Design-Build Firms where everyone is not only a part of the same team, but the same company?



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