

Walk-in Slide: AU 2014 Social Media Feed

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<http://aucache.autodesk.com/social/visualization.html>

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Follow the Bouncing “I” in BIM ... Design ... to Build ... to Operations

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Class summary

Follow information as it traverses the construction project lifecycle from design to build to operations. Participants will learn how to link their Building Information Model (BIM) from authoring tools such as AutoCAD and Revit software to BIM 360 Glue for design coordination, then to BIM 360 Field for construction field execution. We will then review options for outputting information for operations and maintenance in a useful manner.

Key learning objectives

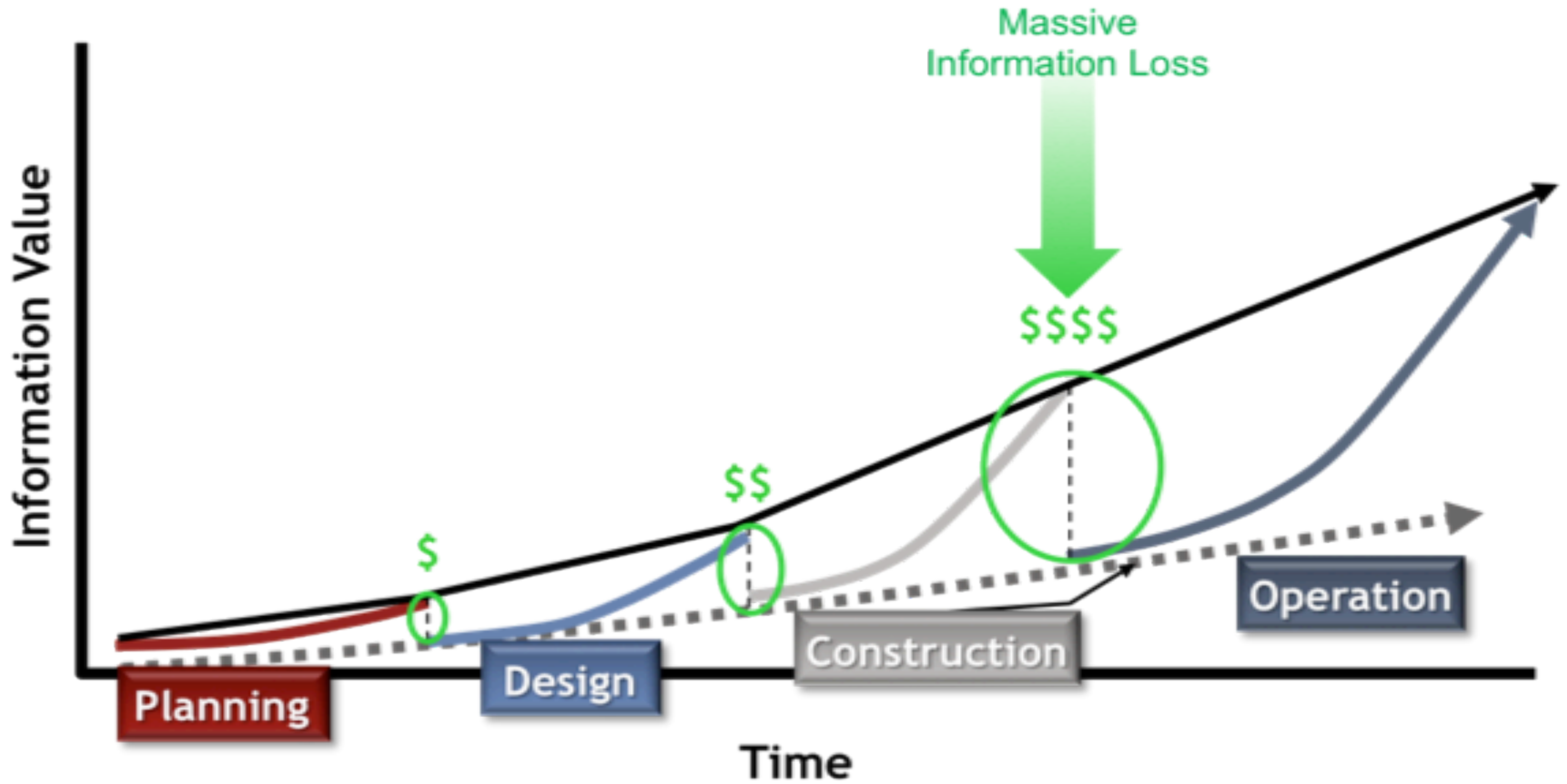
At the end of this class, you will be able to:

- “Glue” your models into BIM 360 Glue software for design coordination.
- Link your BIM 360 Glue models to BIM 360 Field software for construction execution.
- Hand over useful information for operations and maintenance.
- Have a ‘lil fun.

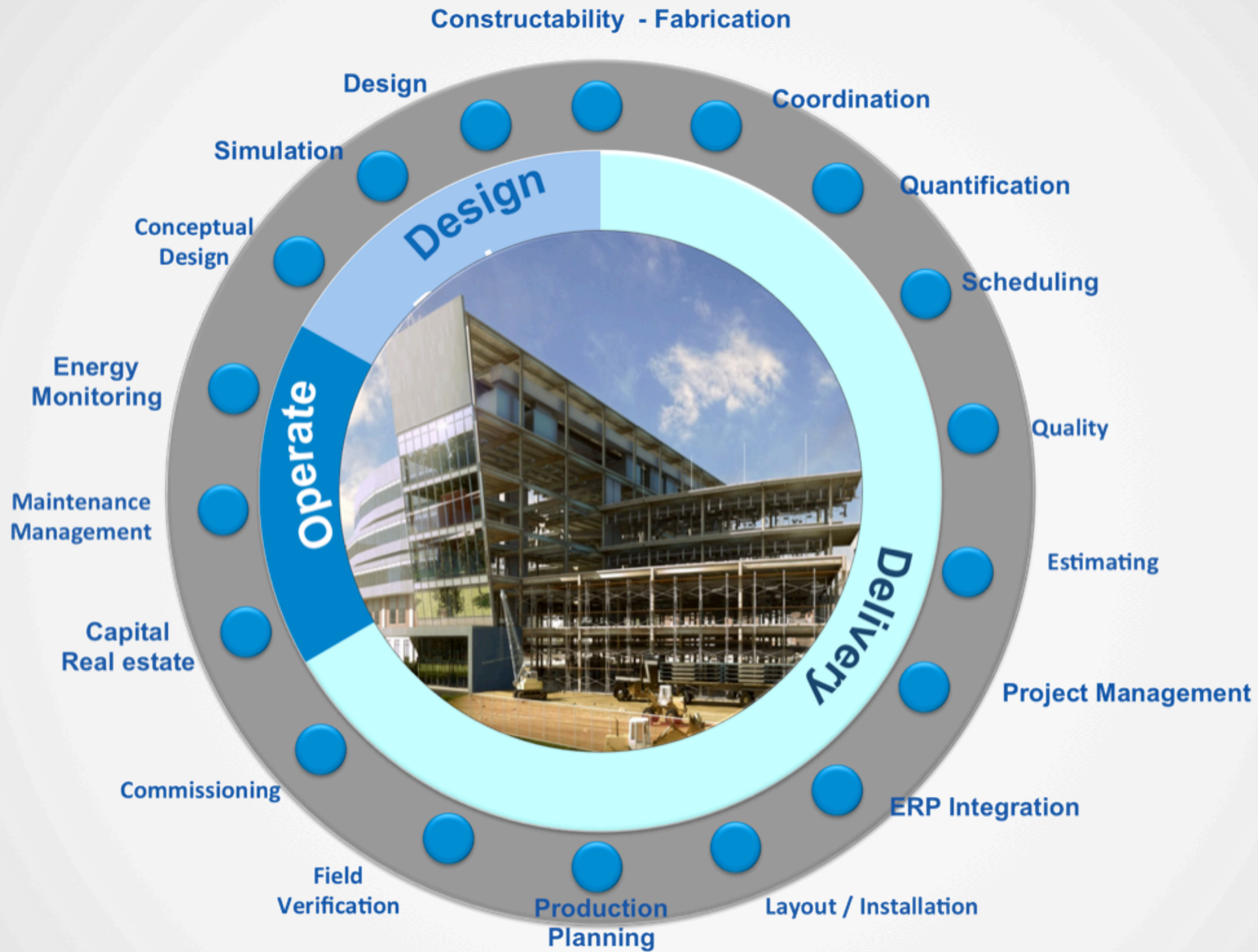
Introduction



• BIM Process



Source: BIM After Construction, Brigitta Foster, Sandia National Labs, 2010



Hands on Lab

Hands on Lab Instructions

- Everyone has their own project environment setup for both BIM 360 Glue and BIM 360 Field
- Login credentials
 - e-mail: AU2014Construction+##@gmail.com
 - password: Construction##

Step 0

Plan Ahead



Step 0: Plan Ahead

- Discuss the following with your team
 - What assets / objects will be tracked at each phase
 - What information needs to be captured at each pahse
 - Where does information come from?
 - Where does information go?
 - Where will it be stored?
 - Who captures it and when?
 - For each asset tracked, what property will uniquely identify the asset / model object? This will be called our “map key”.

Step 1

“Glue” your models for design coordination.

Step 2

Share your BIM from BIM 360 Glue to BIM 360 Field.

Step 3

**Map your model object attributes to BIM 360
Field equipment properties.**

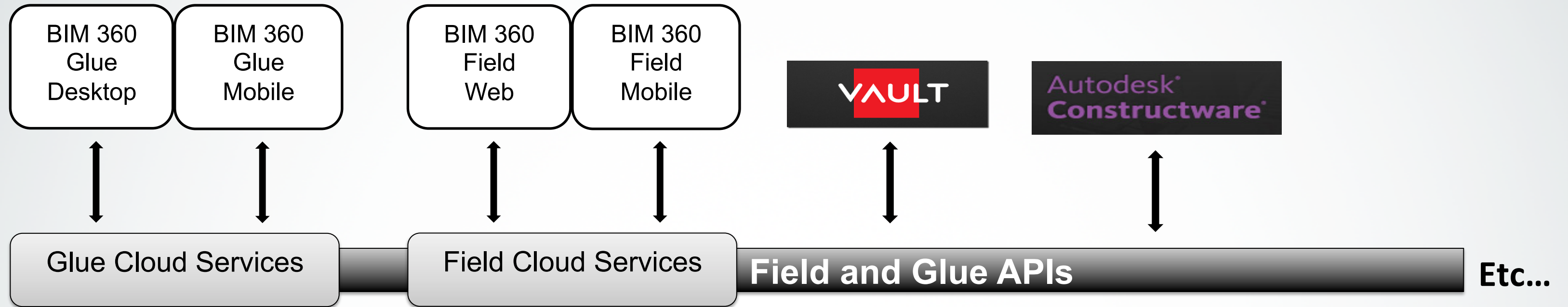
Step 4

Manage the BIM 360 Field equipment records through the build phase.

Step 5

Prepare information for construction handover to operations.

Workflow Integrations



Document Management

Facilities Management

Project Management

Portfolio Management

Financial Management

Etc...

Oh yeah... one more thing.

Safe Harbor

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- BIM 360 Community Forum with valid user login:
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Session Feedback

- Via the Survey Stations, email or mobile device
- AU 2015 passes given out each day!
- Best to do it right after the session
- Instructors see results in real-time







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