Design collaboration thru cloud with Autodesk BIM 360
Era of Documentation

Era of Optimization

Era of Connection
Future of BIM

- Application
  - Desktop
  - Locally collaborative
  - Design level of detail
  - Limited building information
  - Capturing design intent
  - Physical modeling

- Platform
  - Any device
  - Socially shared
  - Construction + fabrication ready
  - Integrated simulation
  - Exploring design alternatives
  - Behavioral modeling
Collaboration is still a challenge
Current collaboration tools

- **E-mail**
  - Data not centralized
  - Difficult to find and track information

- **Sharepoint**
  - Expensive and complex
  - Difficult to find and track information

- **Network Drives**
  - Hard to share/access outside of office
  - Expensive
  - Hard to organize and find latest version

- **Basic Cloud Storage**
  - Not built for design process
  - No model viewer or data access
  - No design review
“Cloud based solution that connects people and data”
Path from Uncertainty to Predictability

Digitize & Collaborate

Integrate & Automate Workflows

Analytics & Continuous Improvement
BIM 360 on improving the way of digital delivery
Published Cloud Revit Models
(Project Folder)

Cloud hosting on Amazon Web Services

Work Sharing Service

In progress (unpublished) cloud Revit Central Model

Automatic publish

V1

V1

V1

V2

V2

V3

V4

Manual publish

Revit Project Team

Personal Accelerator (PAC) regularly calls work sharing service to updates delta of locally cached models (including linked models)

Desktop

Cached local copy of central model on each user’s computer

Initialize cloud collaboration

First Open

Sync with Central (SWC)

SWC

Manual publish

SWC & Publish latest
Package and Consume Workflow
For BIM leads and Users

Shared Project Data

Work in Progress
Architectural Team

Work in Progress
Structural Team

Iterative Design & Review

Package & Share
Review & Consume

Package & Share
Review & Consume
Office HQ
Reducing the need for paper plans

Traditionally

- Design Review
- Markup
- Communicate

BIM 360™

- Assigning issues
- Tracking completion
- Audit Trail
- Anytime anywhere access
- Versioning
- Comparing PDFs
- Coordinate clashes of models
Remote Stakeholders
Sharing & Exchanging Files

- Review
- Collaborate
- Communicate

- Easily Control Access
- Common data environment
- No limit on storage
- No limit of file size
- Email Notifications
- Large Model Viewer
Folder Settings

Permissions

Enter roles, companies, individual names or emails

Permission Level: View-only

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Old

Download – link - Print – Red pen – scan – PDF – email

New

Open from cloud on any device – mark up - save