BIM to FM in 10

Brian Haines - Autodesk
Clyne Curtis - BYU
Agenda
Topics for Today…

- Introduction and Inspiration
- Defining BIM and It’s Relation to FM
- Background On Autodesk FMDesktop
- FMDesktop and Downstream BIM
- Product Demonstration
- Questions and a Few Answers
What is Building Information Modeling?

Building Information Modeling (BIM) – The creation and use of coordinated, internally consistent, computable information about a building project in design and construction.
Autodesk’s FM Vision
Completing the building lifecycle view…

Data Collection

FMDesktop

ARCHITECTS
MEP SYSTEMS ENGINEERS
STRUCTURAL ENGINEERS
BUILDERS
OWNERS

Design
Build
Operate and Manage
Autodesk® FMDesktop Product
Components of FMDesktop

- **Facility Manager**
  - Manage drawings and data graphically

- **Facility Link**
  - Link database records to AutoCAD drawing objects

- **Facility Web**
  - A few clicks of the mouse and your facility drawings, data, and reports are immediately published as HTML pages

- **Facility Request**
  - Small web application permits facility occupants to submit requests for maintenance work or moves
FMDesktop and Downstream BIM
Where is all of this going?…

This is not an intellectual exercise, early adoption is in full swing and real world work-flows are being reflected as downstream uses of BIM become clear:

- Polyling is Doomed
- The Relationship between the Model and FM
- The Progression of the Autodesk Approach
  - Spaces In FMDesktop 7 as a Foundation
  - Object and Asset Mapping
  - System Topology and FM Aware Models