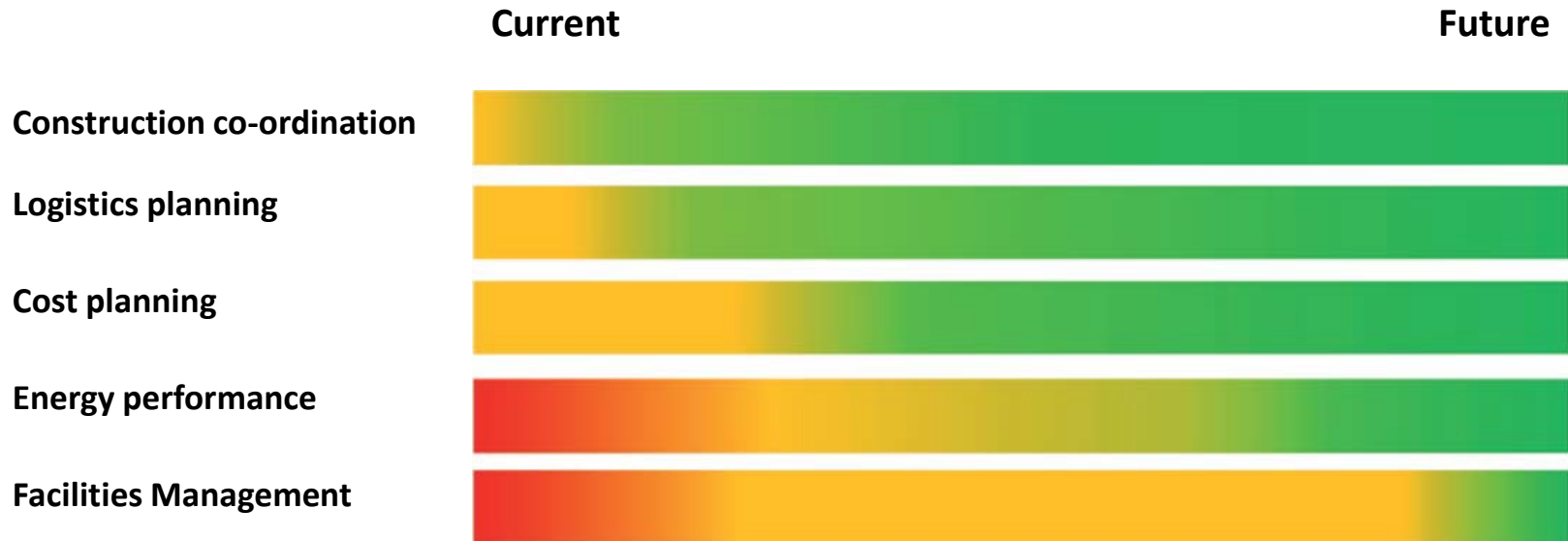


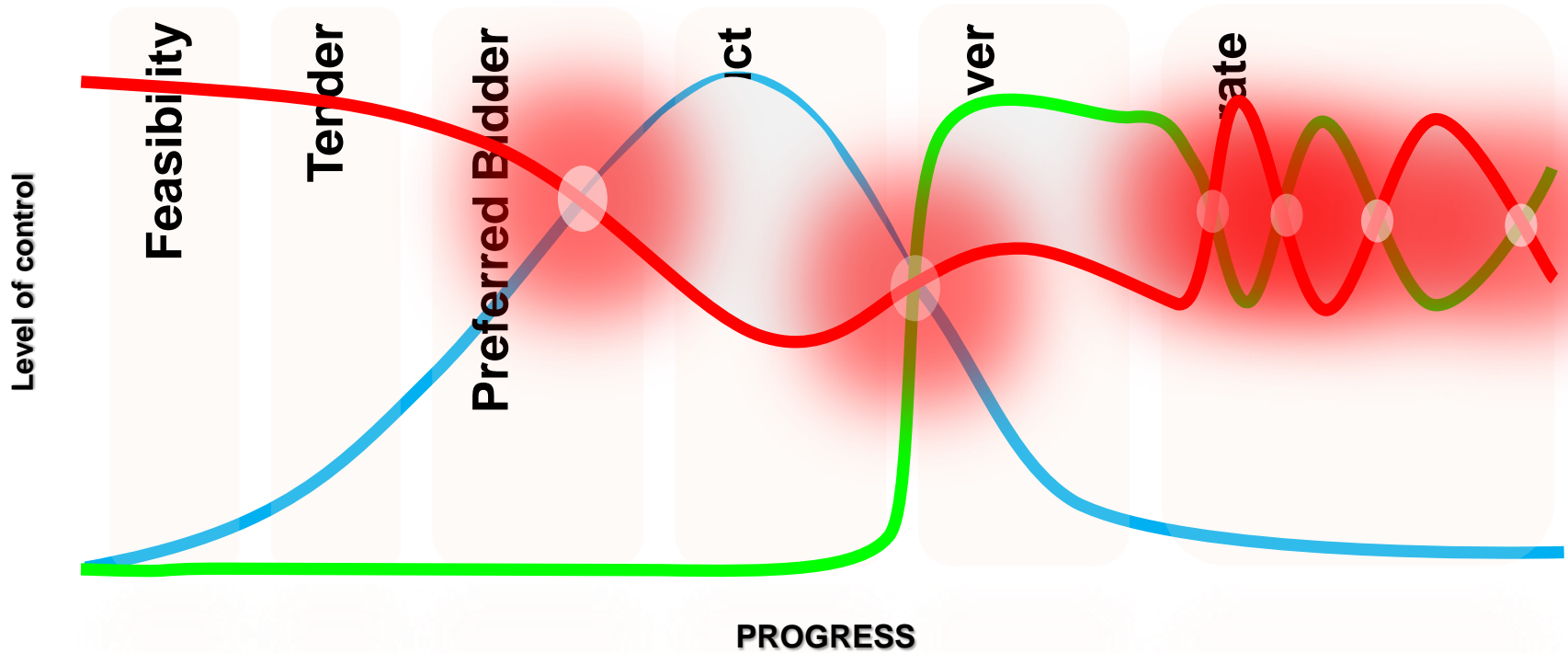
# Delivering enduring value from BIM

Kath Fontana MRICS

*‘for facility managers BIM software can be a powerful new tool to enhance a building’s performance and manage operations more efficiently throughout a building’s life’ (Facilities Net, 2008)*



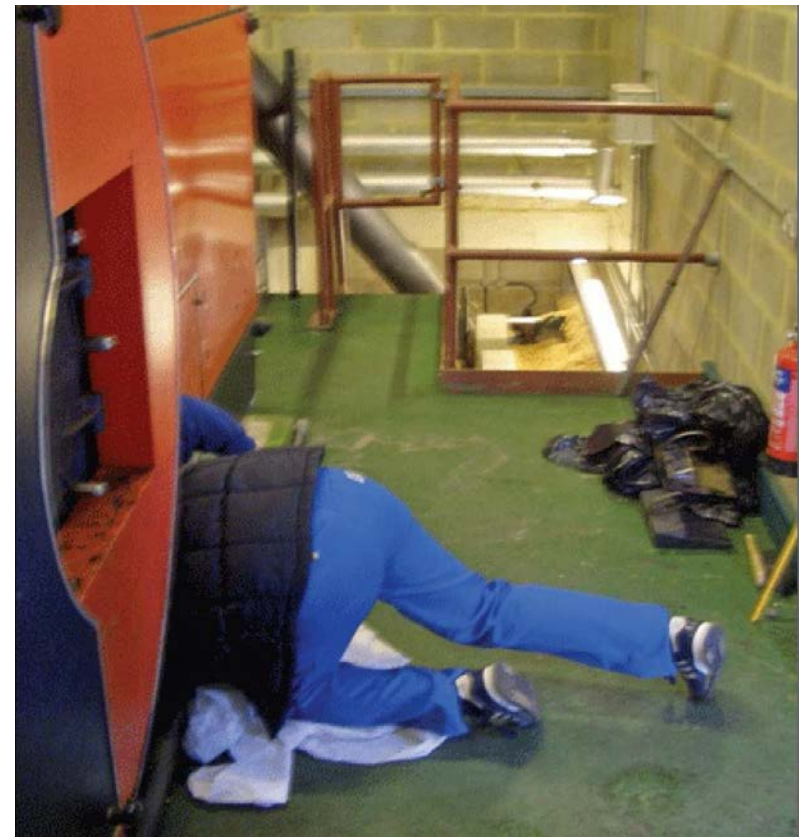
**BIM Value Creation**

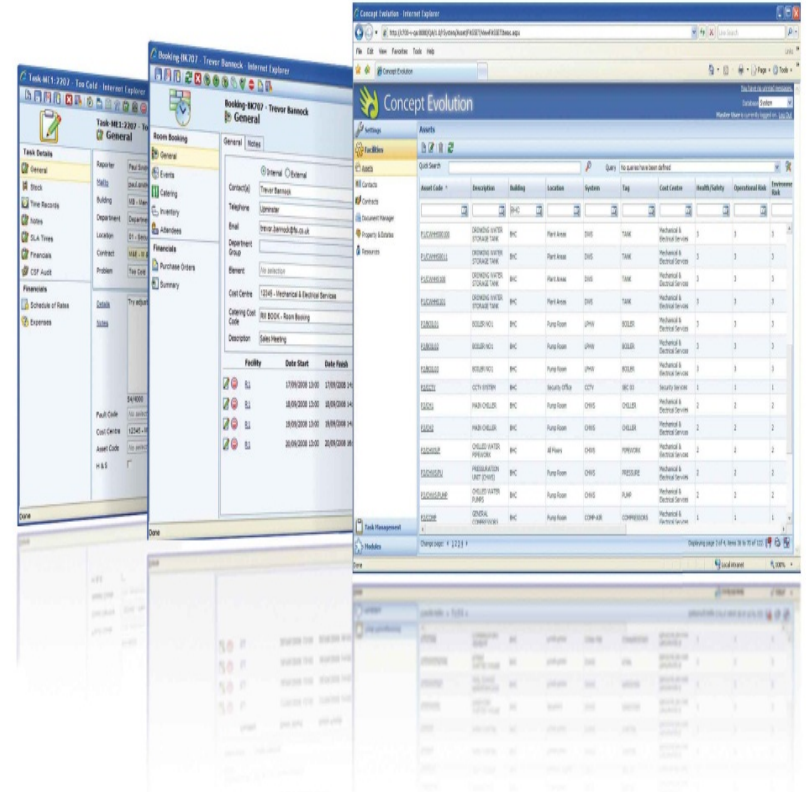


## Designers Dream



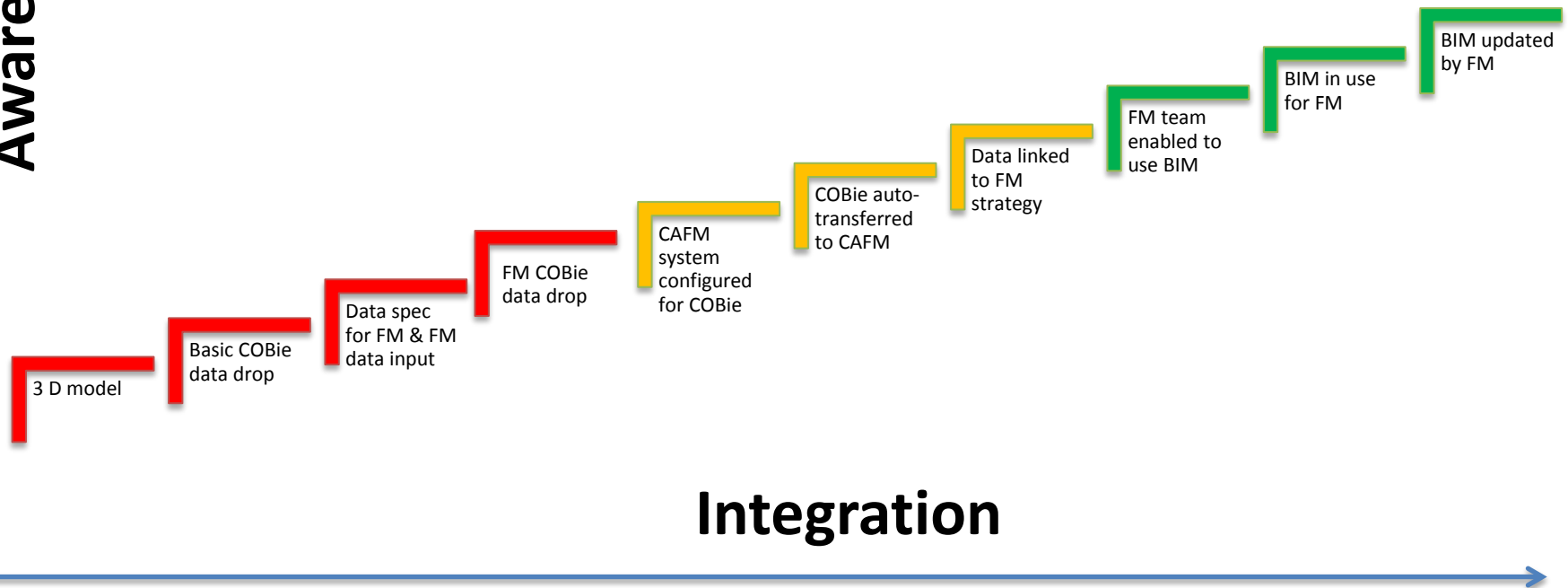
## Maintenance Nightmare





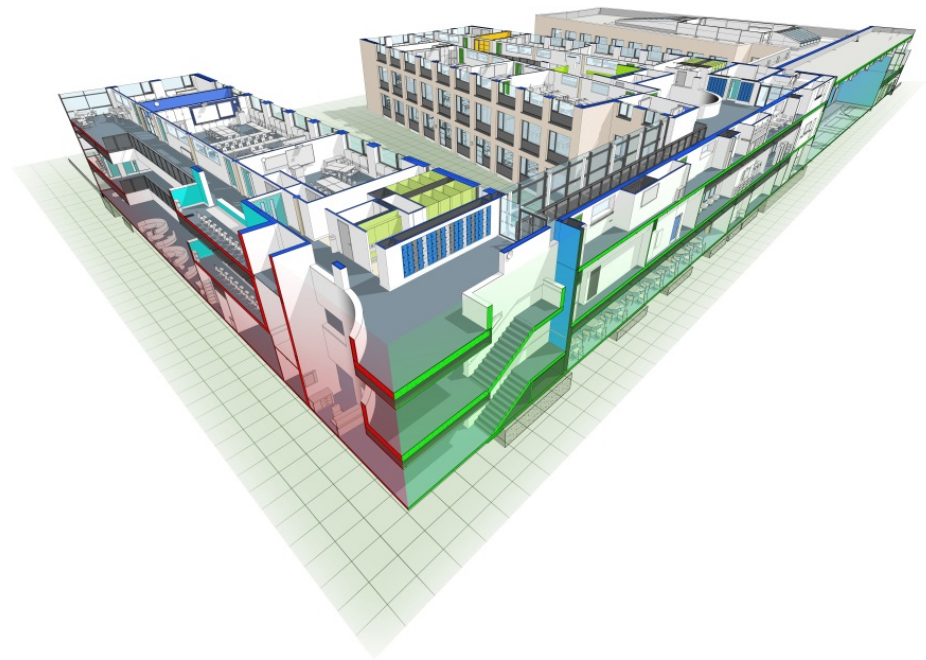
# BIM 6D Levels of Maturity

Awareness



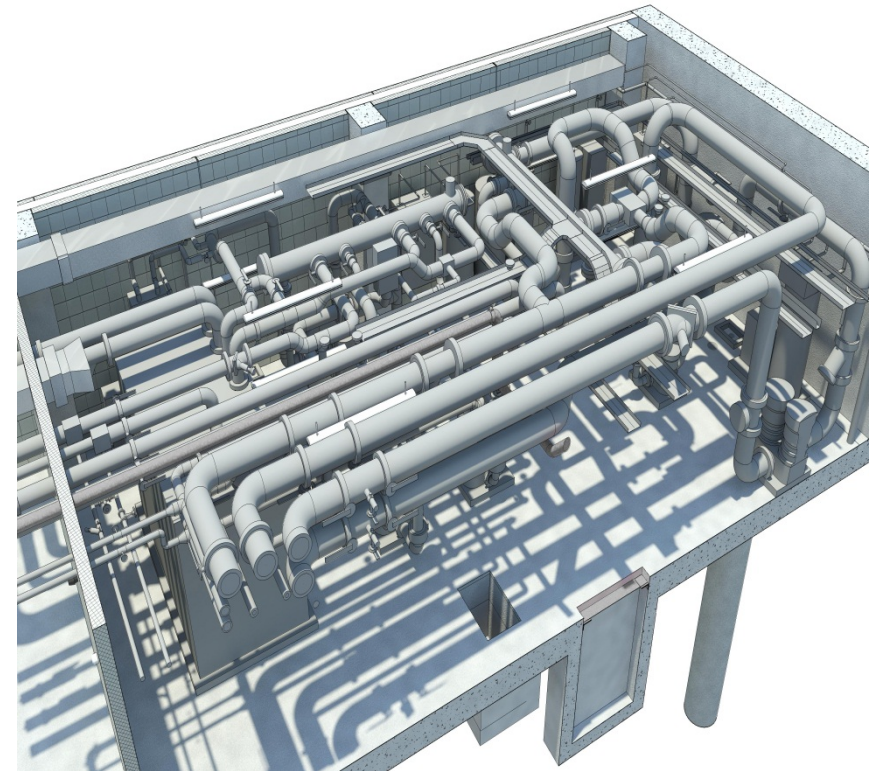
Integration

- ✓ Input to design
- ✓ Commissioning and handover
- ✓ Asset register creation
- ✓ Tendering and pricing
- ✓ CAFM system population
- ✓ Maintenance operations
- ✓ Refurbish and fit out
- ✓ Updating drawings
- ✓ Retendering

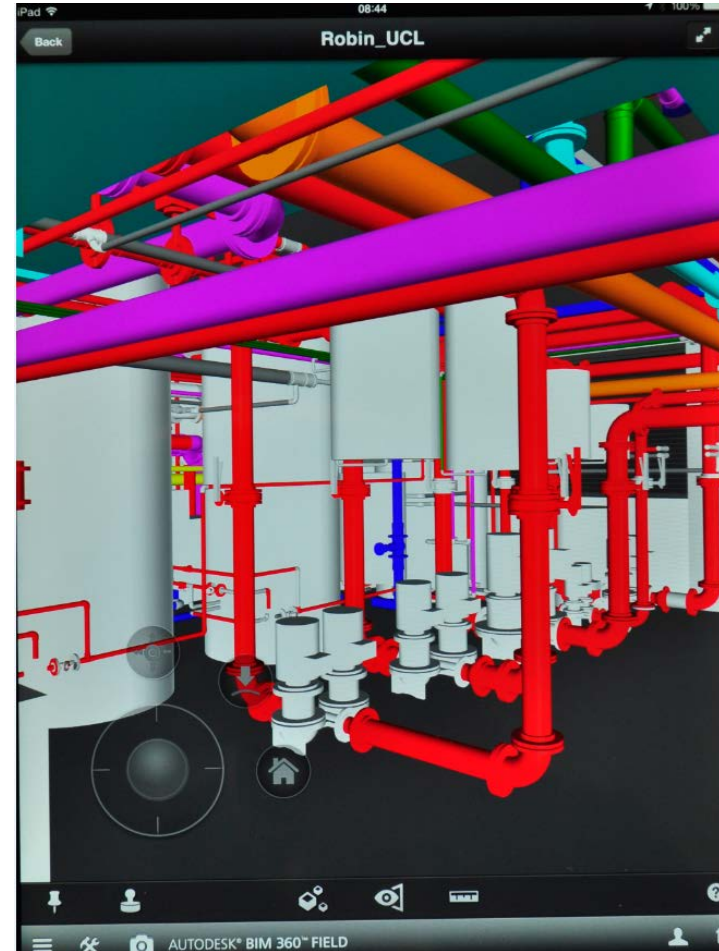


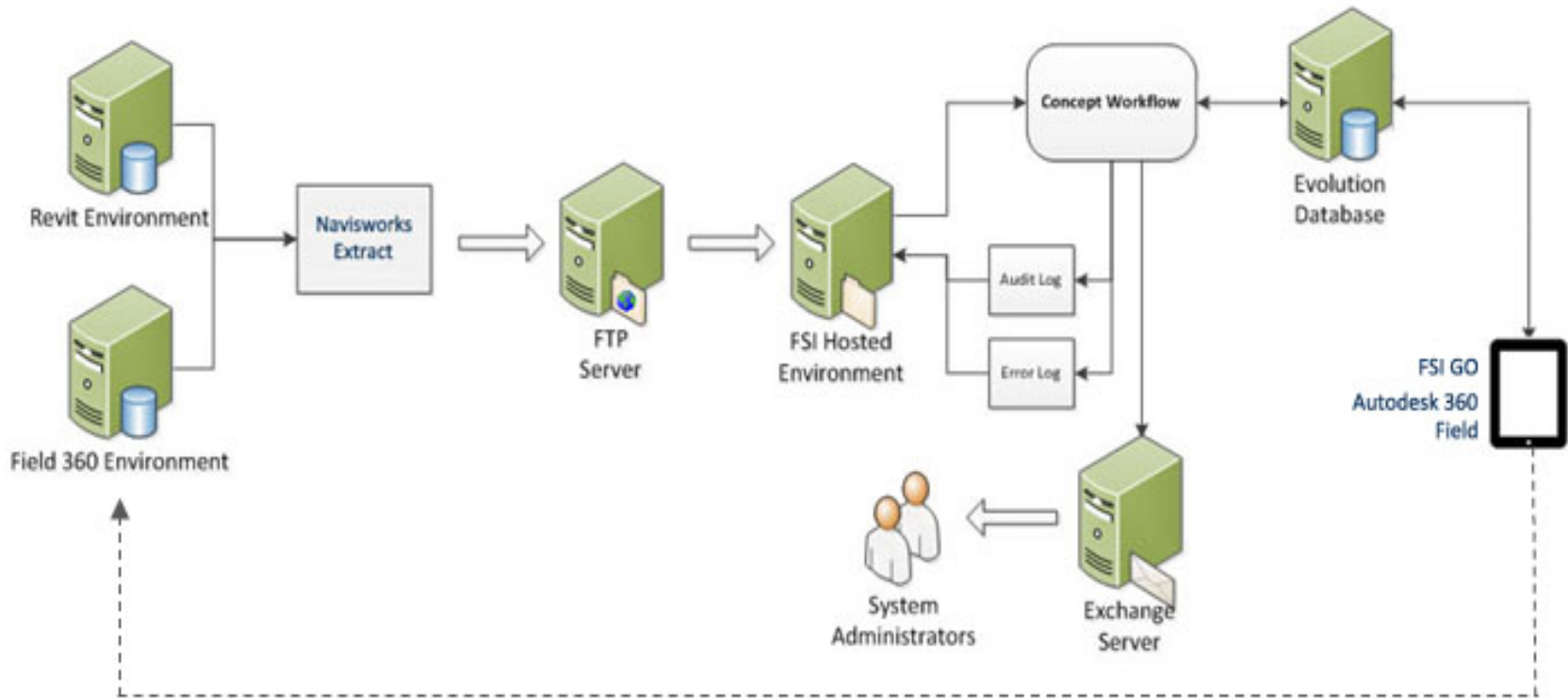


- Digitised information
- Intelligent objects
- One source of the truth
- Accessible to many
- Creating collaboration



- Unidirectional link between BIM and CAFM
- Automatic creation of an asset register in Concept Evolution Helpdesk System
- Technicians now using the BIM360 Field to:
  - Receive tasks
  - Locate assets
  - Look up asset information
  - Update asset details





- Make earlier and wiser decisions
- Improve predictability
- Eliminate procurement risk
- Improve aftercare
- Improve maintenance efficiency
- Better buildings