Building Information Models, the Internet of Things and Emerging Technology

Kevin Brown

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Background
Building Management System
Mobile integration
Building Management System
Room Reservation integration
Integration with existing Smarter Infrastructure Architecture
Building information modeling (BIM) is a process involving the generation and management of digital representations of physical and functional characteristics of places.

- Requirements
- 3D Models
- Plans
- Inspection & Test Reports
- Operation and Maintenance
• Reduce capital cost, carbon burden by 20%.

• Collaborative 3D BIM on Government projects by 2016.

• Level 3 will enables interconnected digital designs in a built environment and will extend BIM into the operation of assets over their lifetime.

“This Government’s four year strategy for BIM implementation will change the dynamics and behaviours of the construction supply chain, unlocking new, more efficient and collaborative ways of working. This whole sector adoption of BIM will put us at the vanguard of a new digital construction era and position the UK to become the world leaders in BIM.”

Francis Maude
Minister for the Cabinet Office
The Job Register app allows Programme jobs to be specified (Requirements) and tracked through to Commission and Maintenance.

Use the forms on the left to navigate to the different parts of the Job.

### Project Information

- **Project Name**: Add pump
- **Portfolio**: Building
- **Programme Name**: Square Office Development

- **Asset Type**: Pump
- **Current Status**: Requirements Created

### Requirements

- **Requirements:**
  - Add a small pump in room B.

- **Requirements:**
  - Pump water when vat is full blac

- **Requirements:**
  - Pump display must be visible to a human at all times
Local Projects

hursleyhouse
hursleyhousekb
office_a_20110811
Register

Thank you. This part has been registered with the Asset Management system.
Please print this QR code and place on the asset:

![QR Code Image]
Thank you

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Wave 1: Marketer’s Smarter City: Big Systems
Wave 2: Citizen’s Smarter City: Policy makers
Wave 3: Consumer’s Smarter City: Free services
Wave 4: Resident’s Smarter City: Public/private partnerships