CitA
BIM GATHERING

Building Capabilities in Complex Environments

CitA BIM Gathering 2017, Croke Park, November 23rd & 24th, 2017

The Journey to BIM Level 2 for SMEs

Overview for SME's within the BIM Market

- BIM Level 2 UK mandate April 2016

- BIM level 2 EU Mandate (Estimated 2020)

- ISO 19650 1 & 2 : Draft International Standard (Part of ISO 9001 Quality Management)

- Lack of ownership : Does this really apply to me?

- A lack of in-house expertise and true understanding is a barrier to both demand and adoption of BIM Level 2

- Limited time to commit to training

- Huge gulf between the expectations and reality of BIM implementation

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BIM – The Journey

How the BIM process is implemented will determine the journey timescale.

Timescale

- Document control

- C.D.E. (Common Data Environment)

- File Naming Convention

- Document Revision / Version controls

- Team roles and responsibilities

- 3D models with BIM naming structures

- Model clash detection

- Data archive (Audit Trail)

- COBie data

- BIM Level 3
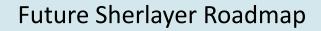
Sherlayer's guiding principles for BIM Level2

- CDE for BIM Made Simple

- Product should minimize any change to the way people work

- Users should be able to create there own documents

- Users should have access to the product anywhere they work at any time

- Software to be developed in Linux

- Users should have the ability to invite both internal and external users to join the collaborative working environment

- All project related information and documentation is recordable

- All project related information is undeletable

- All data to be stored in Dublin or London

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Sherlayer's Latest Version : Helping our Clients with this Journey

- Desktop Client App (Both Mac's and Windows)

- Third Party Upload Portal

- Data Storage in Ireland (Dublin) or the UK (London)

- Unique Customer Logo Branding

- Uniclass 2015 Support : (Optional within File Names)

- www.sherlayer.com (Go to Web Site)

Future Sherlayer Roadmap

The speed of future development will depend on how fast the BIM process is adopted and companies move forward with change.

Timescale

- 3D Models linked to BCF

- Create interface API's for Sage / Construct integration etc.

- Expand reporting of data from the 3D models

- IFC 4 (3D Models)

Thank you

James Howard