FULCRO
creating project certainty

IoTT | Dudley College

WWW.FULCRO.CO.UK

IoTT Digital Usage: CE Presentation

Sarah Hawkins + Jonathan Mason
P01.01

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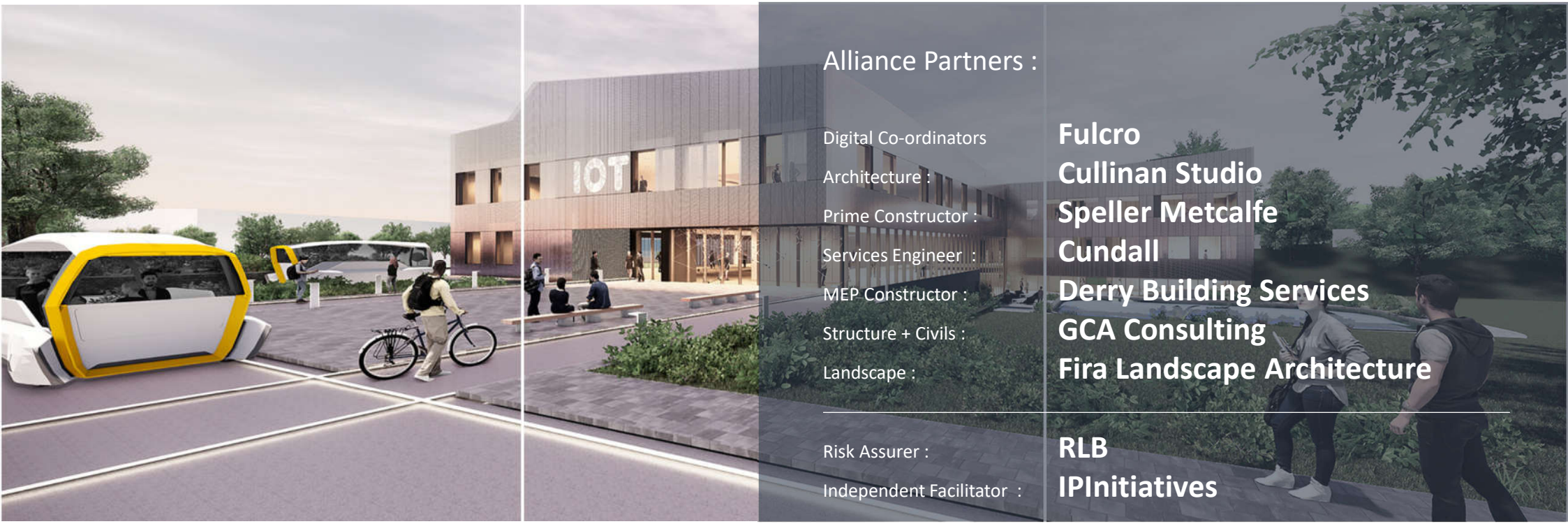
IoTT – Dudley College of Technology - a next generation digital learning facility



Alliance Partners :

Digital Co-ordinators	**Fulcro**
Architecture :	**Cullinan Studio**
Prime Constructor :	**Speller Metcalfe**
Services Engineer :	**Cundall**
MEP Constructor :	**Derry Building Services**
Structure + Civils :	**GCA Consulting**
Landscape :	**Fira Landscape Architecture**
Risk Assurer :	**RLB**
Independent Facilitator :	**IPInitiatives**

IoTT - a **leap** of **faith**

Plan to Succeed **+** **Manage** to Perform **+** **Evidence** + **Monitor** to Improve

+ People = Who
+ Process = What, When + Where
+ Technology = How

IoTT DIGITAL TWIN

BIM-enabled environment

2D PROJECT INFO

CDE – 4Projects + Sharepoint

Controls

Programme - 4D / Build in a Day Workshops
Live documents - Sharepoint
Minutes and Actions Trello
Coordination BIMTrack / FULmax
Cost Model QTO / Scheduling
Quality Point Cloud and 360 Camera

3D PROJECT INFO

The usuals! Revit, Tekla, Civils 3D, Navisworks, Solibri
Plugins – Fulcro Builderwork Tools + Data linking tool

Covid-19 Mitigation

Site Visits - 360 Camera & 'Not another Teams meeting'
Social Distancing - Site modelling and walkthroughs

Maintenance Doc

Operational Doc

Interactive Asset Register – hyper links in register and model. Change the register the AIM can be synced

O&M INFO

Field Capture - Model and Database driven
Field Data captured in shared excel and pushed into model

Compliance & Statutory Information

H&S - CDM Totems
Compliance Capture - Fieldwire

Site Engagement

Access to Design - FULmax
Induction – FULmax
Remote Site Progress - FULmax

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