BRONZE
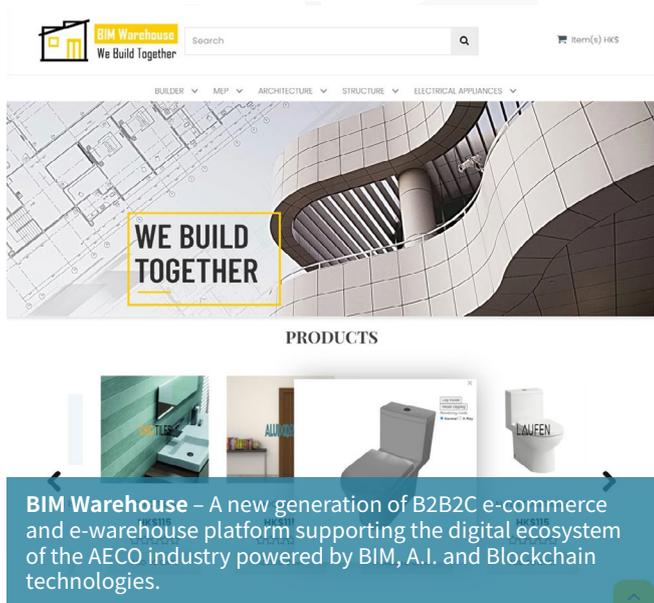
Llewellyn and Partners Company Limited

INTRODUCTION OF ORGANISATION

LPC offers integrated digitalisation and standardisation solutions using BIM, GIS, A.I., IoT, and Blockchain technologies for the construction and real estate new normal. Founded in 2019, we are the first BIM innovation start-up of the HKU's i5 BIM Research Laboratory and an Incubatee of HKSTP. We are also one of the first companies in the world to receive BSI Kitemark™ for BIM Software (ISO 19650), and our invention has been awarded Silver in the Geneva Inventions 2021. With over a decade of practical experience in the UK, China, and Hong Kong, we proactively engage with the stakeholders to drive the smart city through cutting-edge technologies and international standards.

BIM Warehouse – A new generation of B2B2C e-commerce and e-warehouse platform supporting the digital ecosystem of the AECO industry powered by BIM, A.I. and Blockchain technologies.

THREE WINNING FACTS

First BIM software with full compliance of ISO19650 in the world

Being among the first companies globally to receive the BSI Kitemark for BIM Software, our patented AutoCDE [common data environment (CDE) platform] fully complies with ISO 19650 in adopting BIM functionality, security-minded approach, user support, and organisational resilience. The workflows within the whole project life cycle can be standardised and automated to open potentials of big data analysis and smart city. While being standardised, it is also highly customisable for business intelligence – from dashboard and workflows to A.I. analysis, AutoCDE shall be the risk management tool.

The driver of digitalisation readiness for new normal

Currently, silo processes and low digitalisation are contributing to high infrastructure costs and time. Our products aim to drive the real estate new normal to solve those challenges: standardisation, digitalisation, industrialisation, and tokenisation.

Our patented AutoBIM is designated to raise the BIM adoption by auto-generating 2D CAD drawings and images into 3D ISO-compliant BIM models within minutes in high accuracy using A.I. analysis. Such algorithms can be customised based on organisational asset requirements.

The resulting BIM elements and associated documents are housed within AutoCDE further analyses for better decision making and driving smart city.

Digitalisation advocator from the West to the East

LPC provides the latest information, technology, and market analysis through ISO19650 training smart city sharing, and benchmarking exercise. Over the years, we have engaged in problem identification and solution design with stakeholders to offer consultancy in the UK, China, and Hong Kong.
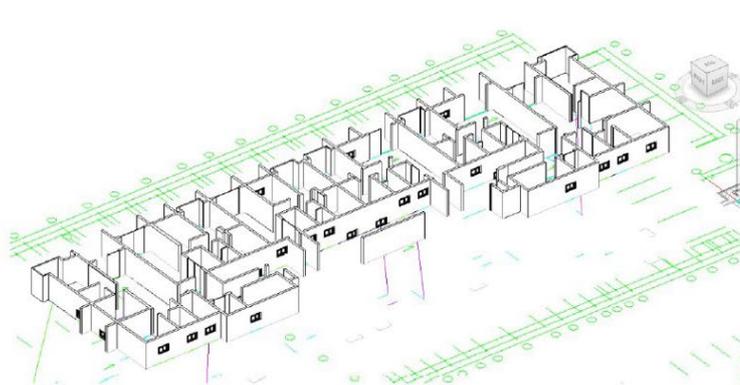
Following the role of formulating UK BIM standards, our team successfully implemented the UK BIM Level 2 into China and assisted a real estate developer in obtaining China's first BIM Kitemark™ double certification. In 2019, LPC partnered with leading international standard institutions and higher education institutes to offer over 700 delegates in Hong Kong the first accredited BIM manager course.
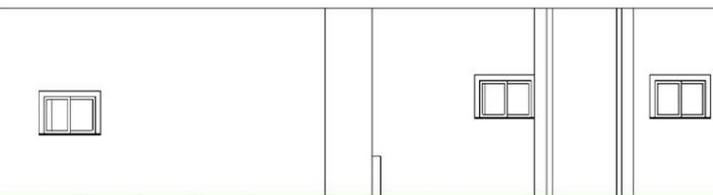

We offer smart city solutions for construction and real estate new normal

Document Version Control

ISO Compliant Standard Code

Model Management

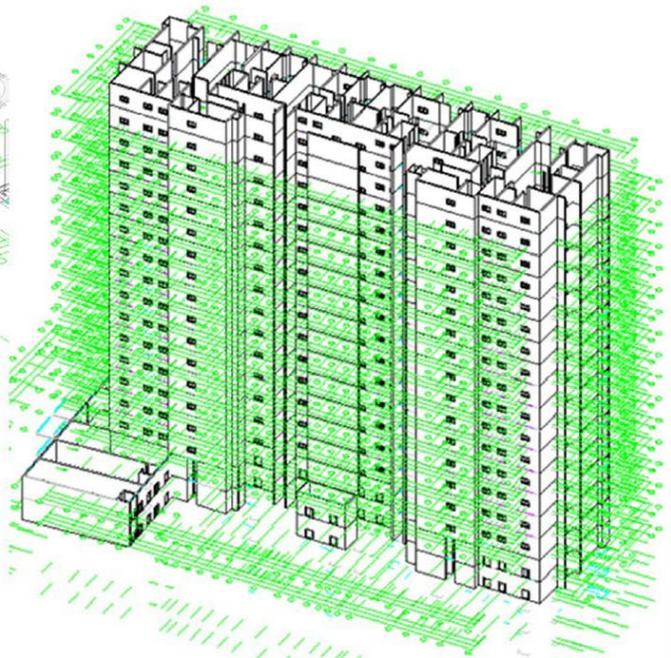Project/Progress Management

Document History Control

AutoCDE – Our Common Data Environment platform integrates data and technologies for project and facility management [BSI Kitemark™ for BIM Software (ISO19650) Certified]

(a) Generation of BIM objects upon each floor

(b) Disparity of offset between openings

(c) Modelling result of entire B1 building

AutoBIM – Auto-generation of 3D BIM Models from 2D CAD Drawings and images using A.I. [BSI Kitemark™ for BIM Software (ISO19650)]