

LWK + PARTNERS: It is the Time of Digital Transformation



Images credits: LWK + PARTNERS, isBIM

[Dubai, 12 April 2020] Today, more than ever, placing design and architecture high up on the global urban development agenda urges us to utilise technology as a tool to enhance our everyday lives. As mother of the creative arts and the stage for the perpetuation of human culture, architecture has always sought to be experimental and adopt to change. Clearly, the way that projects are delivered is changing, but so are the ways that architectural practices are run.

Adopting digital formats for design activities have been around for decades. LWK + PARTNERS dates back over twenty years now, solving real-world problems offering strong partnerships, digital fluency, and strategic proficiency. Our multidisciplinary platform of design specialities and collaborators forms a trove of knowledge and insight that has led us to many transformational schemes, creating digital twins and piloting projects globally that set the fundamentals of design future, which come into sharp focus in these uncertain global times. The power of data helps us predict, plan and manage with real-time feedback that streamlines processes making them much more efficient, sustainable and responsive.

Simply digitising the traditional processes does not work. We seek to harness technologies to do things in a different and more integrated manner, and this is what we believe digital transformation represents. LWK + PARTNERS became a pioneer when it decided to experiment with Building Information Modelling (BIM) in 2004, representing a paradigm change throughout the workflow and thinking process.

We face challenges in the process daily, but we persist to develop a single source of understanding for each project for optimal outcomes. In this new (and lasting) digital-first world, tools that just connect us are not sufficient. The paradigm will necessarily be switched from clients passively watching / listening, to clients actively interacting with their projects. Interactive experiences in which customers are put in the driver's seat help to focus attention, provide true engagement and accurate knowledge, and result in much greater project efficiency, reducing project costs and improving long-term certainty and choice for clients.

Reimagining how you bring together people, data and processes to create value is at the heart of digital transformation. Big data platforms via Common Data Environments (CDEs) integrate the features and capabilities of numerous data applications and utilities within a single solution. Switching from analogue to digital technologies and the massive growth of data are some key aspects that will lead us into digital transformation for architecture and infrastructure, delivery and procurement and the management and enhancement of assets long term. It is time for organisations and clients to harness the advantages of big data to eventuate new and better opportunities and outcomes.

LWK + PARTNERS employs its own bespoke CDE and use it as the single platform to integrate, gather, manage and distribute documentation, graphical models and non-graphical data for the project team. This includes all project information created in BIM or in a conventional data format. Creating this single source of information enables a smooth collaboration medium, avoids duplication and decreases error margins significantly in addition to manifesting significant cost savings during construction and facility / asset management.

We have successfully implemented digital transformation strategies on several projects including: Digital Twin of Central Kowloon, Jockey Club Innovation Tower of The Hong Kong Polytechnic University, Guangzhou-Shenzhen-Hong Kong Express Rail Link and the Hong Kong Airport Terminal Expansion. We are also rolling transformative collaborations out across the MENA region.

Currently we are actively collaborating closely with the government bodies and significant early adopter stakeholders across the MENA region developing and managing the formation of 'Digital Twins' of significant development initiatives that will enable the use of project data to assist the delivery of project programmes in addition to full BIM capabilities from 3D to 8D all within our CDE that allows full integration of multiple software, classifications and outputs.

LWK + PARTNERS' success in BIM is buttressed by a strong partnership with sister company isBIM, which specialises in 3D technologies to provide professional consulting services to leading institutions and public sectors internationally. It is a cherished collaboration which LWK + PARTNERS will continue leveraging to deliver premium projects around the globe for building smarter cities.

Our creative process focuses on encouraging digital data mapping, informed research, understanding interactions between people and their environment and going beyond addressing existing needs. Fostering possibilities – that's how we make a difference, and this is one of the reasons why we are one of the 40 largest architecture practices in the world.

We live in a fast-changing world where digital technology is establishing new paradigms of communication and challenging perceptions of traditional communication, urbanism and architecture. Now is not the time to retreat. Transformative technologies will be able to carry considerable value, conveying meaning through digital metaphors for the physical environment and embodying cultural understandings by aiding in creating places for all to cherish. LWK + PARTNERS believes that now is the time for bold leadership and

active engagement. Riding on the trend of digital transformation to create true client engagement and powerful project data is an immediate imperative.

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High resolution images available for download at the link below:

<https://drive.google.com/open?id=1ECjOVUouTq8aXU-IfhvKCaFyS8vLlOvX>

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About LWK + PARTNERS

LWK + PARTNERS is a leading design architecture practice rooted in Hong Kong. We are a platform with design specialists who deliver world-class solutions to the built environment. Our 1,000+ creative minds collaborate across a network of 11 offices around the globe providing services including architecture, planning & urban design, interiors, landscape, heritage conservation, building information modelling (BIM), brand experience and lighting design.

With over 34 years of growth, LWK + PARTNERS has completed many outstanding projects across different sectors, such as mixed use, commercial, residential, transit-oriented developments, and leisure and public facilities developments. LWK + PARTNERS creates infinite possibilities.

For more information, please visit: www.lwkp.com.

About isBIM

isBIM Limited (isBIM), a member of C Cheng Holdings Limited (1486.HK), is a leading BIM consultancy firm in the Asia Pacific and the largest BIM company within the Greater China region since founded in 2010.

isBIM has provided professional Building Information Modeling (BIM) and Construction Modeling and Control (CMC) consulting services for more than 100 corporate units, including Hong Kong government, Asia's leading property developers, architects, contractors and educational institutions. Throughout the years, our projects have won over 40 awards on BIM application, innovation and development.

In 2016, a wholly-owned subsidiary Shenzhen Qianhai Jarvis Data Consulting Co., Ltd (Jarvis) was established in China, positioning the accumulation of building big data and providing services for the digital transformation of the construction industry. Jarvis is the first data consulting company in the industry.

For more information, please visit: www.isbim.com.hk.