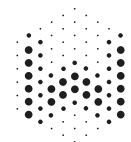


118 Chun Yat Street, Tseung Kwan O
Industrial Estate, Sai Kung, Hong Kong



OVERVIEW OF THE ENGAGEMENT

Global Switch is a data centre owner operator of 12 data centres located in tier 1 cities across Europe and Asia Pacific with a total of 365,000 sqm of world class technical space.

Following the success of delivering the Global Switch Sydney East Data Centre on the contractor side, Global Switch saw the value Willow provided to the project and the project team. Global Switch engaged Willow to provide Digital Project Management services to oversee the construction and Delivery of the Hong Kong Data Centre.

PROJECT MILESTONES

WillowDigital™ Engineering engaged
September 2017

Completed Construction & Digital Delivery Handover
March 2021

SCOPE OF WORK

WillowDigital have been engaged to

- Formulate Global Switch Digital vision and plan the project objectives through a Briefing document with the end in mind
- Ensuring contractor and project delivery team implement and follow Global Switch Digital requirements through the procurement and construction stages
- Supporting Global Switch with decision making related to upcoming risk arising from site driven changes affecting the digital delivery process
- Progressively review and audit 3D geometric model quality,

tolerances and associated non-graphical meta data to meet Global Switch operational requirements

- Review and Audit contractor final as-built models and Asset Data for Global Switch operations team

WillowTwin has been engaged to

- Provide a centralised platform, which will integrate all the building systems and data
- Provide a secure and quick access to third party vendors such as energy analytics and space utilisation

BENEFITS DERIVED

By integrating systems and live data, the objectives Dexus has for this project include:

- Author the Global Switch Digital Strategy Framework ensuring consistent requirements are met from all future engaged parties portfolio wide
- Communication of the design and coordination issues to all parties via a collaborative BIM environment
- Digital models development used for cost estimate checks by Global Switch consultants
- Global switch engaged in the on site model coordination process driven by the WillowDigital™ Project
- Plant replacement strategies used and tested within the federated BIM models for future-proofing
- Due to the coordination process, building components were per-fabricated on site and installed at the correct building location improving construction sequencing and efficiency
- WillowDigital™ Project Team ensured a structured Asset Data record of the as built model is being delivered by the contractor for seamless integration with Global Switch operations FM System

Customer	Global Switch	Partners	IDL
Building Size	71,000sqm of infrastructure service supported by 100MVA utility power supply	Country	Hong Kong
Industry	Data Centres	Recommended Resources	https://www.globalswitch.com.au/
Products & Services	WillowTwin™, Digital Engineering		