GXBIM
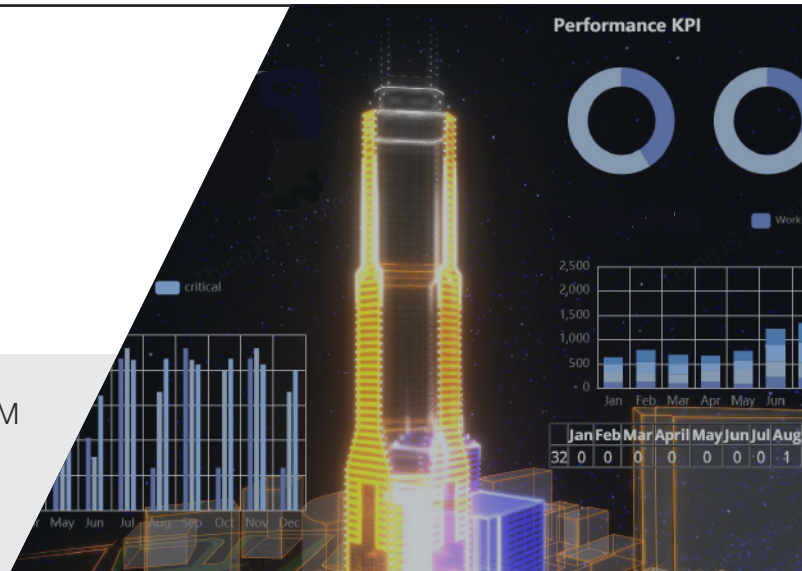
A Collaborative Working Platform on Web for Geo-tagged Multimedia and BIM Data

Powered by GEOXPERT

Identify and track defects using both 360 images and BIM (Building Information Modeling) data, on any device and collaborate with your colleagues, suppliers or clients in real-time.

Map BIM with Physical Building Block and Timely Data

GXBIM is designed to be a platform for collaborative usage of multiple data sources that are commonly used in the construction industry. It creates additional value from the already existing data sources particularly in site progress and defect monitoring aspects. This system is dedicated to increase the accessibility and usability of data from two worlds - virtual (BIM) and reality (360 imagery) to achieve effective progress and defect detection & management.

Fully Cloud-based Web Portal

The essential component of GXBIM is a cloud-based web portal which handles all the operations. The software provides synchronized environment between as-built and as-design that faciliate easy defect marking.

Automatic Synchronization Process

GXBIM allows users to see the same view from the BIM and the 360 photo simutaneously.

CITF Pre-approved Product

GXBIM is on the CITF Pre-approved List with proven effectiveness in boosting productivity, uplifting built quality, improving site safety or enhancing environmental performance, through leveraging automation, industrialization and digitization rather than sheer innovative management practices.

CITF 建造業創科基金
CITF Pre-approved Product

For more information: www.citf.cic.hk

Benefits of Adopting BCMS with BIM

BCMS incorporates IoT and RFID technologies into tracking and brings efficiency and accuracy into a visualised building components monitoring process.

- Upload 360 videos and convert to geo referenced 360 images

- Input geo referenced BIM model through AutoDesk Forge

- Synchronize the location and view of 360 Images and BIM view

- Create defects report

- Share defects report to select group members

- Review the 360 images from different dates to check progress

- Output the reports to PDF

Contact us to start your project

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