



中大智航有限公司

— CU-Craft Limited —



CU-CRAFT LIMITED

CU-Craft aims to develop and provide cutting-edge technology solutions for the unmanned aerial system (UAS) and AI-driven high-performance digitized management of built environments under the Smart City 2.0 framework. Our target markets include Hong Kong, mainland China, and Southeast Asia.



Innovations and Technologies

- Fully autonomous multi-UAV cooperative exploration-exploitation software platform
- Deep learning-based multi-view stereo algorithm for 3D reconstruction
- AI-based built asset defects detection system
- Coupled geographic system information and digital twin system
- Integrated building information modeling system

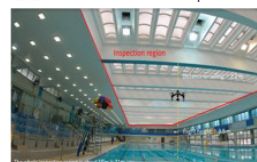
Target Applications

- Built assets inspection with and without GPS signals
- Site reconstruction and management
- Environment survey and monitoring
- Facility management

Case Highlights

- Swimming pool and museum inspection
- Human behavior identification and monitoring

建築署
Architectural Services Department



機電工程署
EMSD

