



INTERNATIONAL SYMPOSIUM ON CONSTRUCTION ROBOTICS AND AUTOMATION

**Business Matching
Company Profile**

**10 DEC 2021
14:30 – 17:30**

**Building 19W,
Hong Kong Science Park**

CONTENT

目錄

Robotics & A.I. Solutions

01	CSC Robotic Engineering Limited	03
02	viAct	04
03	Hilti (Hong Kong) Limited	05
04	Karmo International Co. Ltd	06
05	O-matic Intelligent Robot Limited	07
06	R2C2 Limited	08
07	UNRE AI Limited	09
08	Welbot Technology Limited	10

IoT & Sensor Solutions

09	Beeinventor Limited	11
10	Gear-Up Materials Limited	12
11	Global Sensing Solutions	13
12	Letsapp Limited	14
13	LR Construction Technologies Ltd	15
14	Sixense Limited	16

Digital Works Supervision System (DWSS)

15	Cerebro Strategy Limited	17
16	ConTech pOint Company Limited	18
17	Hong Kong Smart City Technology Co. Ltd	19
18	Infotronic Technology Limited	20
19	Innovative Associate Technology Limited	21
20	isBIM Limited	22
21	SnagR Ltd	23
22	Spatial Technology Ltd	24
23	Varadise Limited	25
24	VHSoft Technologies Co. Ltd	26

01 CSC Robotic Engineering Limited



Company Profile

CSC Robotic Engineering Limited is a Hong Kong-based technology company specialized in construction robotics, E&M prefabrication DfMA, and supply, BIM modeling, and survey.

It was founded in 2019 as a subsidiary of Chinney Shun Cheong (CSC) group and focuses on installation technology innovation and development for the construction industry.

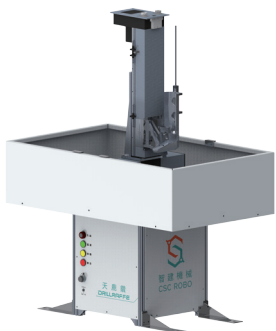
As demands on construction efficiency and safety grow, automation and digitization have become vital factors to help improve efficiency and productivity, CSC ROBO is expanding the team to expedite product R&D and market roll-out to cope with market demand.



Technology / Product Information

Drillraffe天鹿鑽 (D1)

- Campus Development Project, The Open University of Hong Kong
- HKG11, Kwai Chung Date Centre
- Maintenance Project, Hong Kong Culture Centre



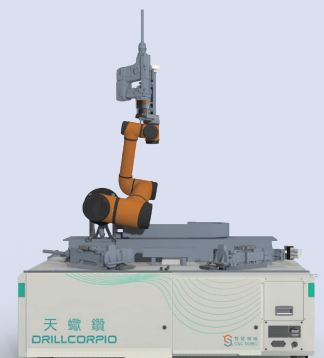
Drillraffe (D1) is a wireless remote control 3-axis drilling machine. User aligns the drill to the targets through a wireless monitor, reference lasers and other sensors.



Drillcoprio天蠍鑽 (D2)

- HKG11, Kwai Chung Date Centre
- Cingleot Premium Logistics Centre at Hong Kong International Airport

Drillcoprio (D2) is an automatic drilling & anchoring robot. The vision system performs automatic target recognition and the robot system aligns to the positions with accurate control.






 **Company Profile**

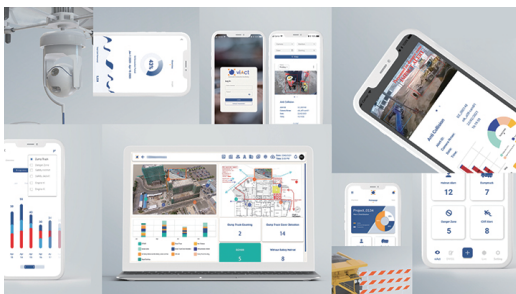
viAct is the leading AI enabled automated construction monitoring platform. viAct’s proprietary vision technologies and extensive deployment experience can detect, anticipate the potential risks in construction site 24*7 and trigger 5G enabled instant, low latency, real-time alerts to save workers’ lives. viAct’s well-trained AI modules can cope-up with any kind of environment and operate even under extreme weather. Connect it within 5 minutes to any type of online cameras, drones and mobile phones to capture video and image without AI and coding knowledge. Extract data insights to keep all the stakeholders informed for utmost transparency of jobsite operations.

 viact.ai/

 watch the corporate video

 **Technology / Product Information**

AI Based Automated Cloud Construction Monitoring System



Proprietary AI algorithm to analyze raw data from construction site with 90% accuracy for generation of instant insights and actions. viAct is pre-approved technologies by Construction Innovation and Technology Fund (CITF) established by Development Bureau of the Government of the HKSAR. (Code: PA19-045)

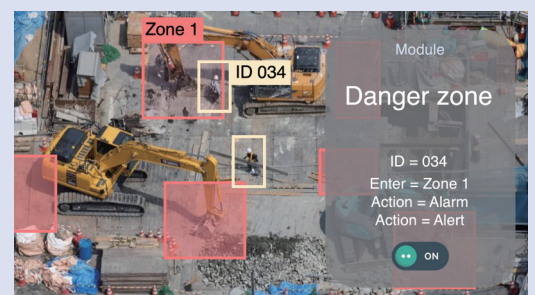
[WATCH VIDEO !\[\]\(d3102649f02e825ddb76dc3de0190154_img.jpg\)](#)

DZASS - Danger Zone Alert Sensing System

Deployed on vehicles/machineries. Any human/object/machine getting too close to operating machinery can cause danger; send audio-visual alarm to operator.

DZASS is one of the pre-approved technologies by the Construction Innovation and Technology Fund (CITF) established by Development Bureau of the Government of the HKSAR. (Code: PA20-090)

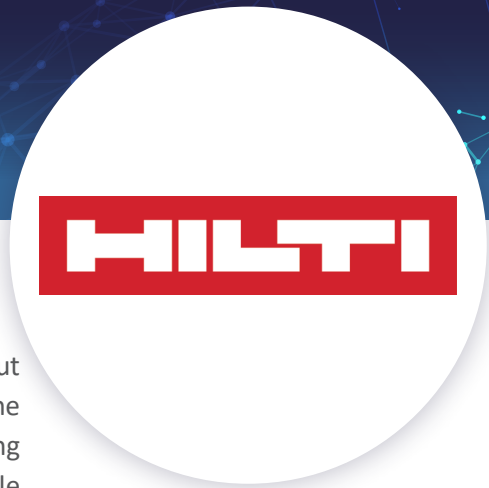
[WATCH VIDEO !\[\]\(4f6bf54ae7e4144a72d78316053e412d_img.jpg\)](#)



viMOV: World’s 1st Mobile AI Construction Monitoring Solution

Plug & play facility for monitoring of critical construction sites where power and internet facilities are tough to be managed.


03 Hilti (Hong Kong) Limited



Company Profile

Hilti stands for quality, innovation and direct customer relationships resulting in about 250,000 individual customer contacts each day. Based in Schaan, Liechtenstein, the company has 30,000 employees around the world who contribute to making construction work simpler, faster and safer while inspiring customers every single day with technologically leading products, systems, software and services.

 hilti.com.hk

 watch the corporate video

Technology / Product Information

■ Jaibot




To enable BIM-to-field, Jaibot is designed as a semi-automated construction robot for mechanical, electrical, plumbing and interior finishing installation work. With a completely cordless system that can work for up to 8 hours between charges and has a built-in dust removal system, the Jaibot is an easy to use drilling robot that does not require expert skills.


[WATCH VIDEO !\[\]\(d3102649f02e825ddb76dc3de0190154_img.jpg\)](#)

 IoT Innovations Awards 2021

 iF Design Award 2021

 Reddor winner 2021 – smart product


 Reddot winner 2021 – best of the best

 BIM Champion Award 2021


EXO-01 Overhead Exoskeleton

- Ocab (Sweden 2020) • KOM Byggservice Handelsbolag (Sweden 2020) • Bravida (Sweden 2020)

Hilti now offers the EXO-01 Exoskeleton as a pioneering solution to improve jobsite efficiency and help alleviate upper-body fatigue and pain resulting from repetitive overhead tasks.

 2021 NECA Showstopper Award

[WATCH VIDEO !\[\]\(bff896c19919791b89ab521f039b410a_img.jpg\)](#)

 Gold Medal in the Swedish Nordbygg



ON!Track

- Third Runway and Associated Works (Contract 3303) • Route 6 Central Kowloon Route - Central Tunnel
- Kai Tak Sports Park • PRH Development at Chung Nga Road East, Tai Po



Explore great new inventory management features for desktop and smartphone With Hilti's ON!Track, you can easily see who has your company's tools and other assets, where they are located, and track them as they are moved between warehouses and jobsites. With ON!Track, you can also manage repairs and inspections, set reminders for maintenance, and verify proper training/certifications before assigning tools and other assets. Our specialists are available to help you every step of the way: they implement ON!Track by working with you to tailor the system to your needs, tag your tools and assets, load your data onto the software, train your people and give you ongoing first-class support.

[WATCH VIDEO !\[\]\(c1b924320d9ec7587a1dd427119524d0_img.jpg\)](#)



Company Profile

Found at 1972, Hong Kong based company which specializes in designing and manufacturing robotic arm for injection molding machines, downstream work cell and factory automation.

- Pursued innovations in technical know-how, quality and manufacturing new and high performance products.
- Committed to manufacture high efficiency, automated, safety and more user friendly machines
- Wide range of product line from pneumatic/servo robotic arms to fully automated downstream work cell.
- From desktop manual feed heat weld machine to complete production line.



karmo.com.hk/



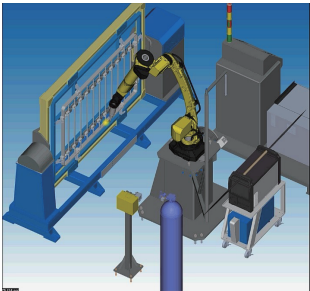
watch the corporate video



Technology / Product Information

Robotic Welding System

- Road fencing welding service in Tai Lam Correctional Institution for Highway Department



System Integration between robot arm and welding machine to provide automatic welding and hence improve productivity, occupational safety and health.

WATCH VIDEO

GoGo Trolley

- Transportation for construction material and waste in Fung Cheung Kee construction site located at Tsing Yi

Providing heavy duty operations at both indoor and outdoor environment with user-friendly control.



WATCH VIDEO

Power assist Stair Robot



With capacity of UP to 170kg, the robot will allow you to transfer awkward cargo up and down stairs with just a single operator.

WATCH VIDEO

05 O-matic Intelligent Robot Limited



Company Profile

O-Matic Intelligent Robot Limited (the “Company”) is a Hong Kong-owned private enterprise. The company is focusing on development of industrial and construction robots through intelligent technologies. The company's backbone members were born in Hong Kong with many years working experience in Western countries. They are deeply influenced by foreign corporate culture and proficient in process technology, leading the technical team with continuously innovation and break through in high-end intelligent robots. That fulfil the needs of manufacturing and construction industries, providing customers with one stop shop services. The company has many mature products such as cable robots, transportation robots, welding robots, grinding robots, etc., all of them meet the requirements of domestic and international standards.



o-matic.cn/

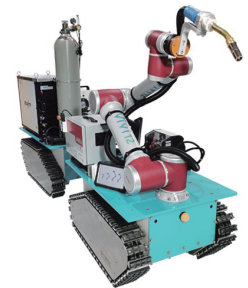


Technology / Product Information

Mobile Welding Robot

- Welding for trunking and steel pipe
- Robot can improve the accuracy and efficiency of welding construction site processing
- It can bring benefit to the construction program, quality of work, less safety concern

Equipped with a mobile robot platform (include a 6-Axis Collaborative Robot), welder and water cooler. It can maneuver on construction site to handle welding jobs.



WATCH VIDEO



H Pile Welding Robot

- By using the H Pile Welding Robot, the automation process can be applied and completed in Pile head welding at a high standard of quality
- It can bring benefit to the construction program, quality of work, less safety concern

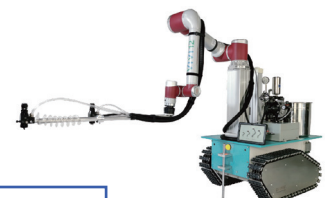
The H Pile Welding Robot is feasible to deploy on the depot and handle the welding job according to the trajectory programmed accurately.

WATCH VIDEO

Paintbot (Adjustable Height Version)

- Paintbot can move and perform paint jobs according to the programmed trajectory. With the use of Paintbot, workers are kept away from potentially harmful inhalants.

Paintbot (Adjustable Height Version) equipped with a 6-axis collaborative robot with a spraying tool attached to a universal services vehicle can maneuver on a construction site to handle the painting works.



WATCH VIDEO



 r2c2.ai/

Company Profile

R2C2 is an automated construction and outdoor robotic company. Our JetPack system manages construction and outdoor robots through 5G network and real-time control live video feed to automate work site inspection and patrol with advanced sensor and onboard AI algorithms. R2C2 is the first and the only Boston Dynamics SPOT (robot dog) developer in Hong Kong, we have successfully deplot SPOT and JetPack in various inspection missions.

Technology / Product Information

JetPack system

- Slope inspection, Tunnel inspection, Construction inspection



- Long-distance 5G robot communication
- Real-time robot control
- Robot management
- Platform for advanced sensing and AI deployment



Company Profile

Founded in 2017, UNRE AI Limited is a fast-growing full-stack company and is dedicated to providing both hardware and software solution for building construction industry. We focus on developing proprietary 3D scanning instrument, intelligent software and trusted cloud service for customers to digitalize their information. With our self-developed scanning devices, our technology enables our customers to obtain accurate 3D data for various useful measurement, such as floor area, structural contour, wall gradient etc, through our world-leading AI algorithms, which help them to save enormous time and cost.



unre.com



watch the corporate video



Technology / Product Information

UCL360 measurement robot

- Used in Property developer, e.g. Sunac (融創) and contractor, e.g. CSGEC (中建)



A lidar-based scanning device with built-in 3D data algorithmic processing to extract measurement information in real time.



科技成果評價報告



獲國家高新技術企業

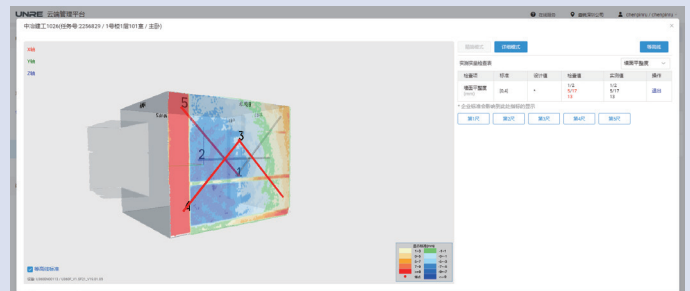


>100 patents

Building information digitalization cloud service

- Cooperated with 瑞信 to develop an APP which uses our cloud APIs to manage building information data

SaaS which provides tailor-made measurement report or API integration with other software application.





Company Profile

Welbot Technology is a pioneering technology company established in Hong Kong, specializing in robotic solutions that redefine the automation workflow in traditional industries. The company aims to make robots take over dangerous tasks to create a safer and more comfortable environment for human workers. The company has two core products - Adaptive Robotic Welder and Cable Robotic Cleaner to satisfy the Welding and Property Management market needs.



welbot-tech.com



watch the corporate video



Technology / Product Information

Adaptive Robotic Welder

- On-site Welding • KaiTak Sports Park & Acute Hospital • Kwong Wah Hospital • Wong Chuk Hang MTR Station • Tai Koo Place



- Patented “Adaptive Robotic Control” System
- Auto scanning, welding, multi-layer welding
- AI algorithm and database collection
- CITF Pre-approved List Item (PA19-001)



2019 Equipment and Machinery Design Award from HKIA

Adaptive Bored Pile Robotic Welder

- On-site Welding • Tseung Kwan O Immigration Department Headquarter

- Patented “Adaptive Robotic Control” System
- Auto scanning, welding, multi-layer welding
- AI algorithm and database collection
- Support D3.0Meter bored pile welding



External Wall Cable Robot

- Wall cleaning for United Center, Skyline Tower, HKSTP 2W, Shaw Studio and Nina Tower etc
- Water test for Tai Koo Place



- Support 180m height building façade
- External wall cleaning
- Water leaking test
- Water jet






Company Profile

BeelInventor is an IoT technology company dedicated to change the traditional construction industry. Founded in 2016, the company is now an incubatee in the Hong Kong Science Park. Leveraging our deep understanding of the construction industry to continuously develop and bring innovative products that will transform the construction industry.

 beelinventor.com/

 watch the corporate video

Technology / Product Information

Dasloop – Smart helmet

- Construction site management
- Monitor worker safety & health condition and send data to cloud platform if abnormal condition detected.



Smart products improving the health & safety of workers and management of construction sites.

[WATCH VIDEO !\[\]\(4b7a79268f6ba26c1471d4232fffa85a_img.jpg\)](#)

Dastrack – collision warning system

- Installed in moving plants and provide collision warning function to plant operator and worker

Using Ultra Wide Band (UWB) technology integrated with Dasloop(smart helmet), we can realize high-precision collision warning function.

[WATCH VIDEO !\[\]\(3342c215b2a8b663596a81468d5dc314_img.jpg\)](#)



Daspower – smart current meter

Daspower – The power data and specific information of equipment can be transferred wirelessly to centralized platform.



10 Gear-Up Materials Limited



Company Profile

Gear-Up Materials Limited is a Hong Kong based company focusing on distributing and servicing certified quality and innovative solutions to the Construction industry. Partnering-up with leading technology developers and manufacturers from Canada and France without intermediary and always striving to provide added-value solutions for job sites and professionals. THIS is our force to support your projects and our promise to you.



gearupmaterials.com



Technology / Product Information

SMARTROCK - Wireless temperature and strength sensor for concrete



The sensors measure the temperature of concrete in real-time and can estimate the early-age and compressive strength of in-place concrete based on the maturity method.

[WATCH VIDEO](#)



2021 Ottawa Institute of Electrical and Electronics Engineers Inc. (IEEE) - Outstanding Clean Technology Company Recognition Award



2020 Best Ottawa Business Awards (BOB) - Best Ottawa Business



2020 Best Ottawa Business Awards (BOB) - Best Performance in Customer Service



2020 Canada's Fastest Growing Companies - Canada Business



2020 Canada's Top Growing Companies - The Globe and Mail



2020 Best of the Best Awards - Toronto Construction Association



2019 Best Ottawa Business Awards (BOB) - Best in Sustainability



2019 Canada's Top Growing Companies - The Globe and Mail



2019 Canada's Fastest Growing Companies - Canadian Business and Macleans



2019 Most Innovative Product - Concrete Construction



2019 Canadian Business Excellence Award - CBEA



2019 Corrosion Innovation Award - National Association of Corrosion Engineers (NACE)



2018 Canada's Fastest Growing Companies - Canadian Business



2018 Ottawa's Fastest Growing Companies - Ottawa Chamber of Commerce



2017 Best Ottawa Business Awards (BOB) - Best Performance Sales



2016 Best Ottawa Business Awards (BOB) - Best Performance Export

11 Global Sensing Solutions



Company Profile

Global Sensing Solutions (GSS) are a Hong Kong based company that design, build and implement sensor solutions. We work with a variety of organisations to better understand the challenges associated with structural health monitoring, and the features and functions that an ideal wireless sensor monitoring solution requires to address them. What it all comes down to is our customers want readings when they need them and in a usable format, which is reflected in our mission statement “data your want...when you want it.”

 globalsensingsolutions.com

Technology / Product Information

GSS 4GV (4th Generation Vibration Monitor)

Real-time wireless vibration and tilt monitoring used in:

- Tunnels • Bridges • Buildings • Historic Structures • Hospitals • Construction Sites • Blast Sites
- Foundation Monitoring • Heavy Machinery



- Adjustable Vibration Sample Rates
- 2 Minutes Waveform Capture (1KHz)
- 16 filter settings (i.e. ISEE)
- Remotely Managed
- Modular Communications
- Multiple File Export Formats
- 1 Year Battery Life
- Optional Precision Tilt Mode

[WATCH VIDEO !\[\]\(0d5ec72f61334709c3fc9450209b754f_img.jpg\)](#)



Company Profile

Letsapp Limited is solution provider for construction industry. CITF pre-approval products includes:

- Field Connect: Digital workflow management system for construction industry (DWSS)
- FireWatcher: Fire Alarm Monitoring mobile app system.



letsapp.com.hk



watch the corporate video



Technology / Product Information

FireWatcher 火衛者

Fire Alarm Monitoring Application

- Tuen Mun – Chek Lap Kok Link 2020



- Real-time alert of fire alarm with relevant information to stakeholders via mobile phones. support wired AFA panel and wireless IoT.
- CITF pre-approval list

WATCH VIDEO 

FieldConnect 外務妥

Digital Workflow Management system for Construction Industry

- Hong Kong Island Highways Works services 2017 - Chiu Hing Construction
 - Hong Kong Island Safety Walk 2020 Wah Fung Construction
- Hong Kong Island Highways Works services 2021 - Paul Y Construction

- Cloud-based workflow management
- Job Dispatch via mobile phone
- Workflow control management (include outsourcing)
- Summary / Detailed report generation
- CITF pre-approval list

WATCH VIDEO 



Facility Inspection Application

- Hong Kong Island Safety Walk 2020 - Wah Fung Construction

WATCH VIDEO 

- Facility Inspection Filing via mobile phone
- Online inspection report generation
- Online Inspection enquiry
- DIY Online monthly subscription



Company Profile

Established in 2012, LR Construction Technologies Ltd (“LRCT”) specialises in construction technologies development and applications including software, hardware and IoT related to the construction field. LRCT’s mission is to apply current state-of-the-art technology from multiple disciplines to the construction industry to enhance work safety and efficiency.

- Research, design and develop IoT devices in addition to providing software platforms.
- Full stack integration ensures our clients receive the best I&T solution and services for their projects.
- Customized hardware and software to suit client’s requirements.



lrctl.com



Technology / Product Information

Falsework stability monitoring device and system

- CIC Research projects • HKHA - Shek Mun • Sky City



Real-time monitoring and alert notification of the inclination and loading of falsework frames for concreting or demolition process.

PYXIS – Automated/IoT Construction Monitoring Devices and System

- Monitoring of • HKIA Sky Bridge • Three Runway concourse foundation
- Taikoo Phase 2B façade system (customized) • CIC Trade Testing Centre

- Real-time data acquisition and transmission of IoT devices to cloud platform
- Support integration of customized IoT devices



Laser based deflection monitoring with 5G IoT

Monitoring of HKIA Sky Bridge

- Innovative laser based optical deflection monitoring
- 5G data transmission to cloud platform





Company Profile

Sixense, previously known as Soldata, has been established in HK since 1997, and is the leader in geotechnical and structural monitoring with a focus on real-time automatic solution. Our focus is on major infrastructure project such as MTR Shatin Central Link, Highway Department Central Kowloon Route and HKIA Third Runway System more recently. Our clients cover all the Major Contractors established in Hong Kong.



sixense-group.com/en/



Technology / Product Information

4DBloc

- Three Runway System of Hong Kong International Airport - Over 1000 units were deployed for settlement monitoring.



4DBloc is a GNSS based receiver designed to be deployed on construction site for long-term movement monitoring.

Atlas


- Trunk Road T2 project, HK (2021) – remote settlement monitoring of residential area
 - Abdelmoumen pumped energy transfer station, Morocco (2020)
 - Muswellbrook Bypass, Australia (2020)
- Westconnex Stage 2, Stage 3A, F6 and Gateway Projects Sydney, Australia (2019-2030)
- London Crossrail, England (2015-2021)

Atlas is an InSAR image process chain designed for ground surface movement monitoring of wide area remotely from satellite.



15 Cerebro Strategy Limited



 cerebrohk.com

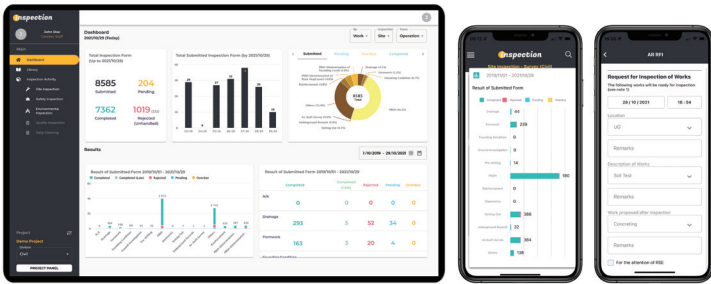
Company Profile

Founded in 2019 by a group of passionate construction expertise and software engineers, Cerebro Strategy Limited is a 100% Hong Kong based digital solution provider with the leverage of smart technologies, aiming to provide industry-specific solutions with flexible customization services. Our solutions range from digital construction management platforms, Building Information Modelling (B.I.M) to smart hardware, catering every levels of construction operation and management process.

Technology / Product Information

Cerebro Inspection

- Kong Nga Po project • Tseung Kwan O –Road D9 project • Hospital Authority project • Hong Kong Jockey Club project



A digital project management software for the management of inspections and work progress with web platforms and smartphone applications.

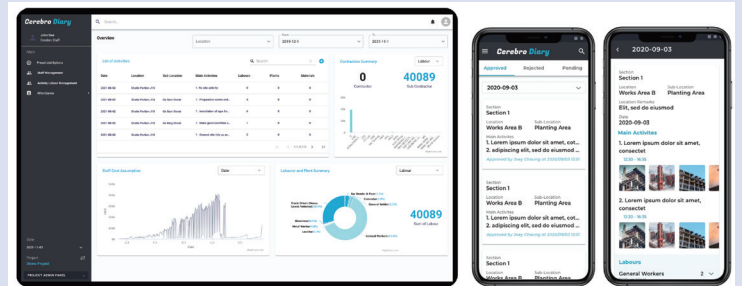
[WATCH VIDEO !\[\]\(d3102649f02e825ddb76dc3de0190154_img.jpg\)](#)

CerebroDiary

- Kong Nga Po project • Hospital Authority project • Office Development at Electric Road project

A digital work progress software for the management of daily site construction records with web platforms and smartphone applications.

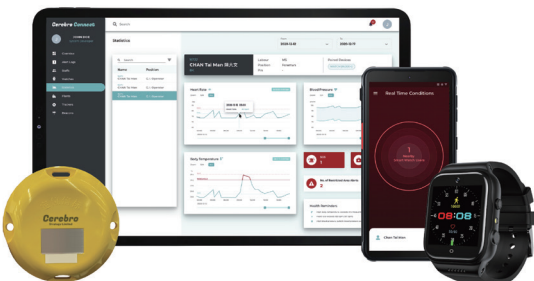
[WATCH VIDEO !\[\]\(4f6bf54ae7e4144a72d78316053e412d_img.jpg\)](#)



Cerebro Connect

- Kong Nga Po project

An all in one health and safety management system with the leverage of smart gadgets, digital platforms and NB-IoT technology.



16 ConTech pOint Company Limited



Company Profile

ConTech pOint Company Limited has been implementing Building Information Modelling (BIM) in construction projects since 2013. The team specializes in the implementation and management of digitized solutions to suit for both private and public sectors, includes stadium, large-scale land development projects, hotels, residential complexes and shopping malls.

The team consists of architect, engineers, construction managers, software specialists and IT professionals. Some of our staffs are allocated on sites of different projects to closely manage the digitization and BIM processes, interdisciplinary coordinate design issues with consultants and site operation staffs. Central service staff situates at head office to develop and maintain digital system to facilitate the full team BIM adoption and provide cloud-based solution for project management, operation surveillances and compliance to safety, quality and environmental protocols.

contechpoint.com

watch the corporate video

Technology / Product Information

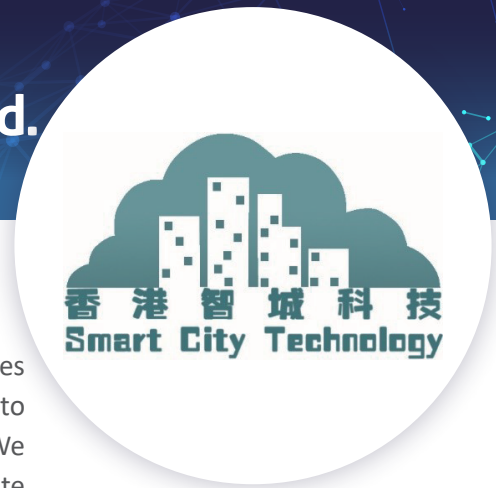
Construction Information Anywhere (CIA)

- Sheung Heung Road and Kowloon City Road, Kowloon, K.I.L. No. 11246
- Nkil 6505, King Lam Street, Cheung Sha Wan
- N.K.I.L. No. 6582 Cheung Sha Wan
- Town Lot No. 4056 In D.D. 120, Lung Tin Tsuen, Yuen Long
- 21 Luk Hop Street, San Po Kong, Kowloon. In N.K.I.L. 4873
- No.74, 74A-C Waterloo Road & No.15-25 Yau Moon Street, Kowloon
- Wing Hong Street, Yu Chau West Street, Cheung Sha Wan
- Skycity Site A2 L894 & A3 L923, Portion of Chek Lap Kok No.3, Hong Kong International Airport
- Kai Tak Sport Park

#	DocSet No.	Control Code	DocSet Date	Form & Approval	10 Comments	Subject	Document Type	Zone	Package	Document Status	Calendar Std.	Submission Ref.	Drawing	AS	Record	Modified
1	168881	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
2	168882	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
3	168883	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
4	168884	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
5	168885	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
6	168886	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
7	168887	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
8	168888	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
9	168889	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
10	168890	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021
11	168891	DEMO001	15-Feb-2021	Issue Con-Demo Consents	Consultant Demo Company Ltd	Architectural Aspect - DEMO_2021002	Submission - Shop Drawings	001-003		21-Feb-2021	15-DEMO001-001	001-003	Active			20-Feb-2021

- Document Control System
- Drawing Management
- e-workflow
- Photo Management
- BIM Module 3D scan point cloud-viewer
- 360 photoviewer
- Project Calendar Full-text Search (w/ automatic OCR)





 sctech.com.hk

Company Profile

HONG KONG SMART CITY TECHNOLOGY CO. LTD. exists to solve the critical issues facing our clients, both large and small in construction discipline. We are aim to provide creative IT solution for smart construction, smart building and smart city. We provide a broad range of services and solutions to help organizations facilitate change, achieve their vision and optimize performance and productivity.

Technology / Product Information

PCIO

- Residential Development Project at Dongguan, China, 2019
- Public Housing Residential Development Project at Chai Wan Road, Hong Kong, 2020
- Public Housing Redevelopment Project at Pak Tin Tsun, Hong Kong, 2021



- DWSS solution for inspection of precast components and MiC produced out of construction site.
- CITF pre-approved list

[WATCH VIDEO](#) 

T1 Pro (Diving Drone/Robot)

- Inspect the base of bore-pile

- 4k Camera, 12MP
- 9000LM LED
- 6 DOF
- Expansion of support
- Up to 150m
- Precise Hovering

[WATCH VIDEO](#) 



City Eye

- UAV Platform
- AI Recognition Solution
- Twin Camera System

18 Infotronic Technology Limited



Company Profile

Infotronic Technology Limited was founded in 2007 and focuses on providing products design, manufacturing and marketing of electronic systems and technologies in construction industry. In this ever-changing construction industry, Infotronic believes that technology-driven real-time site management is crucial to the timely completion of projects. Therefore, Infotronic trademarks InfoSMART at 2016 to represent the family of IoT solution specific for managing the dynamics of workers, machines, resources and work progress in the construction site.

InfoSMART solution is launched at 2019. By 2021 Q3, InfoSMART has been deployed at more than 280 projects and more than 20 construction sites to manage site workers, moving machines and building resources like facades and precasts.



infosmart.io



watch the corporate video



Technology / Product Information

InfoSMART Attend

- Offers workers' visibility by equipping worker with smartag-enabled helmets, including worker name, trade, associated contractor, different zones inside construction sites.



- Locating workers in construction site by zones
- 26g light weight smart tag affixing at market available helmet
- No recharge is needed throughout validity of a helmet (2 years)
- 2017 Funded by the ESS Funding of Innovation and Technology Funds

WATCH VIDEO



Gold Medal of the 6th Macao International Innovation and Invention Expo 2018



Gold Medal of 46th International Exhibition of Inventions Geneva, 2018



Gold Medal of The 19th International Exhibition of Inventions (FoShan)

InfoSMART xTrack

- Digital Landmark for auto address input
- App for checker to record defects, progress, follow-up, close out, and doer to record working progress, completion, or request for close out
- Cloud System Account maintains project details and produce reports

- Offer credible IoT-based location data to defect and progress tracking records
- Easy one-man operation
- Enable fast taking records and report generation within 1-minute
- Landmark with built-in battery for 1-5 years
- Support record taking, assignment, follow-up and close out operations.
- 2017 Funded by the ESS Funding of Innovation and Technology Funds



WATCH VIDEO



Gold Medal of 46th International Exhibition of Inventions Geneva, 2018



The Building Visual Inspection (BVI) awarded in Hong Kong ICT Awards 2018



Gold Medal of the 6th Macao International Innovation and Invention Expo 2018



Gold Medal of The 19th International Exhibition of Inventions (FoShan)



Company Profile

Innovative Associate Technology Limited was originally formed in 2004 with the objective of becoming a premier supplier of enterprise-class solutions based around Knowledge Management, Document Management, Records Management, Image Management, Business Process automation (Workflow) and Document Scanning solutions.



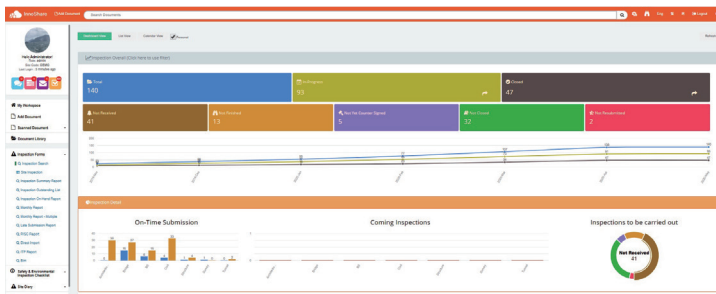
ia-technology.com



Technology / Product Information

InnoShare DWSS

- DC/2019/07 - Outlying Islands Sewerage Stage 2- Upgrading of Cheung Chau Sewage Treatment And Disposal Facilities
- SSJ510 - Provision of Columbarium, Garden of Remembrance and Related Works At On Hing Lane, Shek Mun, Sha Tin
- Talk to us for more project references



Combination of E-RISC, E-Diary, Labour Return Record and checklist modules which helps to ensure smooth supervision process, meanwhile increasing the whole transparency, productivity and eco-friendliness automatically.



Build4Asia Awards 2020

InnoDoc EDMS

- HY/2019/11 - Retrofitting of Noise Barriers on Long Tin Road
- SD/2019/03 - Wan Chai Development Phase II – West Landscaped Deck and Other Roadworks
- Talk to us for more project references

InnoDocEDMS System provides secured Intranet access to site users. It serves as a central point of document control so that all users can refer to this system to retrieve the latest version of correspondence, drawings, and other references.

Log No.	Date	Received/Dispatched	Subject	From	To	Doc Ref	Year Ref	Size	Flag	DocType
B0393	08-01-2020	08-01-2020	Construction Accident Statistics Monthly Summary	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)	CM500007	0	🔍 📄 📁	Letter
B0397	08-01-2020	08-01-2020	Material Submission	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)	J2718-M-02201A	0	🔍 📄 📁	CSF
B0328	08-01-2020	08-01-2020	Reply of BIM submission	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)	J2718-B-02000A	0	🔍 📄 📁	CSF
B0390	10-01-2020	10-01-2020	Material Submission	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)		0	🔍 📄 📁	Letter
A02149	02-01-2020	10-01-2020	RM	IA	ABC Construction Ltd.	CT1041		0	🔍 📄 📁	
B0381	15-01-2020	15-01-2020	Material Submission	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)		0	🔍 📄 📁	Letter
B0382	16-01-2020	16-01-2020	Reply of BIM submission	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)		0	🔍 📄 📁	Form
B0383	16-01-2020	16-01-2020	Material Submission	IA	ABC Construction Ltd.	21772201910288996(LC)B(BB888)	CD5-0005	0	🔍 📄 📁	Form
A06356			Reply of BIM submission	IA	ABC Construction Ltd.	CM500007		0	🔍 📄 📁	
R02914			Material Submission	IA	ABC Construction Ltd.			0	🔍 📄 📁	
B0389			Reply of BIM submission	IA	ABC Construction Ltd.			0	🔍 📄 📁	



Company Profile

isBIM Limited (isBIM), a member of C Cheng Group 1486.HK, is a leading construction technology company in the Asia Pacific since founded in 2010.

We provided professional BIM digitalization solutions throughout the project life-cycle for governments and top 100 properties companies. A wholly-owned subsidiary of isBIM, Shenzhen Qianhai Jarvis Data Consulting Co., Ltd (Jarvis), is the major force in R&D of digital twin platform in our group. isBIM & Jarvis is committed to the R&D of the digital twin platform, our vision is letting the world be free of unmanageable projects.



isbim.com.hk



watch the corporate video



Technology / Product Information

Jarvis Digital Twin Facility Management Platform (Jarvis DTFM)



In the Past:

Communication based on emails, files, instant messages and phone calls
Manage and track by manual once there is any damage, issue, defects, or order.

Jarvis DTFM is the most efficient and effective method to survey and record existing building, assets, equipment and conditions to management maintenance, support, inspection and develop renovation.

WATCH VIDEO

Jarvis Digital Works Supervision System (Jarvis DWSS)

In the Past:

- All forms in paper format
- Communication through email, photo calls
- Data analysis in Excel format

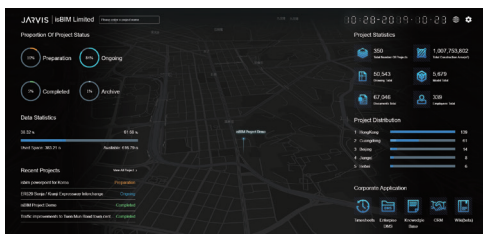
Jarvis DWSS is a web-based centralised portal of collecting construction works information and managing the workflows of site activities to enhance efficiency, safety and quality performance.

CITF Pre-approved Product



WATCH VIDEO

Jarvis Common Data Environment (Jarvis CDE)



In the Past:

- Need to install software to conduct BIM coordination
- Mass of models and drawings hard to store

Jarvis DWSS is a web-based centralised portal of collecting construction works information and managing the workflows of site activities to enhance efficiency, safety and quality performance.

CITF Pre-approved Product

WATCH VIDEO



Company Profile

SnagR DWSS is the industry leading digital construction management platform. SnagR makes it simple to digitize, standardize and automate your construction processes and on-site data collection.



Dwss.com.hk



Technology / Product Information

SnagR RDrive DWSS+

- SnagR RDrive is a global digitalization platform used in over 7500 construction projects worldwide.



RISC (eRISCF), Site Diary, Site Safety Inspection Records, Cleansing Inspection Checklists, Labour Return Record, Ethereum Blockchain integration + much more!



Spatial Technology Limited
Your Trusted Partner for Spatial Data Solutions



Company Profile

We are specialised in spatial data solutions for AEC sector; our solution portfolio covers consultancy/applications on BIM, CDE, Site Digitisation across entire construction project life cycle.

As the trusted solution provider of HK SAR government departments, major developers and contractors with strong expertise & project deployment experiences, we have successfully implemented numerous site innovation projects, helping customers digitalise major workflows in Quality, Safety, Maintenance, MIC, and more recently in Digital Works Supervision System (DWSS).



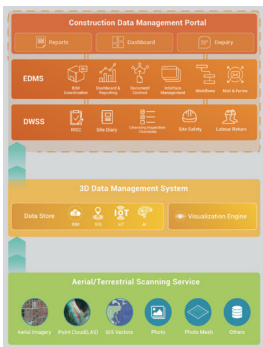
spatial-technology.net



Technology / Product Information

CDMP – Construction Data Management Portal

- Deployed in major building & mega civil projects



Offers holistic overview on site work construction progress via dashboards integrating data from EDMS, DWSS, AI/IOT sensors with reports & queries functions.

[VISIT PRODUCT WEBSITE](#)

DWSS based on Novade Platform

- Completed deployment in CEDD, Highways & ASD projects

Leading workflow based solution with full compliance to TC & key success cases in both building & civil sectors.

[WATCH VIDEO](#)

[VISIT PRODUCT WEBSITE](#)

Collect Site Information



Enhance the workflow of site activities using mobile devices

Sync Automatically



All users & devices are connected on one easy-to-use platform

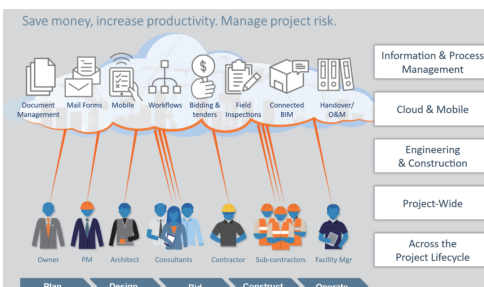
Send Timely Reports



Accurate, reliable and real-time analytics

PDMS based on Oracle Aconex

- Deployed in major developers & contractors in both building & civil sectors



A sophisticated version of EDMS, enabling effective collaboration & document management across project life cycle with any device.

[WATCH VIDEO](#)

[VISIT PRODUCT WEBSITE](#)



Company Profile

Varadise is specialized in digitalization and spatial data management. We build Digital Twin platforms that help clients monitor smart cities, facilities & constructions anywhere, anytime, from any device. BIM, GIS, IoT – all kinds of data, both real-time and historical – integrated & visualized on one single platform.

We have a strong background in:

- BIM & Digital Twin Data Management – data integration, data standardization, Common data environment (CDE) and other data strategies
- IoT Sensors – AI CCTV, GPS tracking, indoor mapping, environmental monitoring etc.
- Construction Digitalization – Smart Site Management Platform (SSMP), DWSS, Smart Helmet, ChatBot etc. Smart City & Facility Management (FM) Innovation Consulting.



varadise.ai



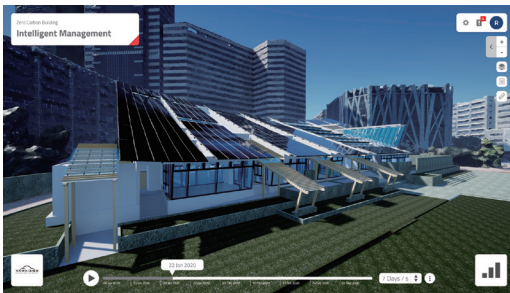
watch the corporate video



Technology / Product Information

Varadise Twin

- Kwu Tung North and Fanling North New Development Areas
- CIC – Zero Carbon Building



A Smart Site Management Platform (SSMP) that helps you create Digital Twins of your facilities and construction sites.



SciTech Challenge for Construction Technology 2020
- Open Group 1st Runner-Up

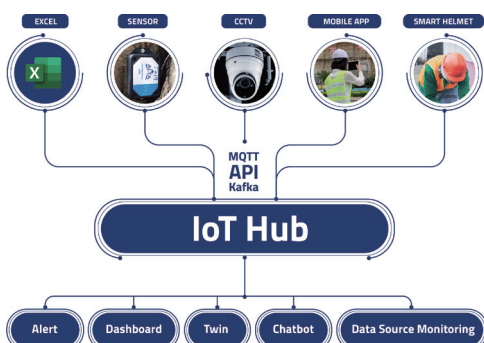
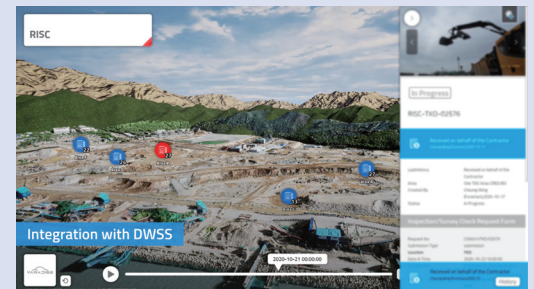


Champion of GeoSpatialTech Challenge

Varadise DWSS

- CEDD - NL/2017/03 Tung Chung New Town Extension - Reclamation works

Integration with Varadise Twin to create 4D visualization of all documents. Geo-map and timestamp your work records then review anytime!



Varadise IoT Hub

Turning data from IoT devices, databases and other management systems into standardized data that are easy visualize through APIs.



Company Profile

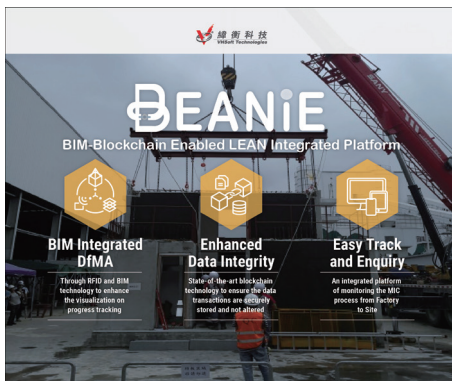
VHSoft Technologies Company Limited is a Total IT solutions and services partner. We create solutions with the latest technologies to improve effectiveness and efficiency for construction industry. We have offices in Hong Kong, China and Singapore. Complemented by well-established partnership with Trimble Navigation and our own development team, we are capable to design and build solutions to enhance enterprise efficiency.



Technology / Product Information

BEANiE Blockchain-enabled Lean Integrated Environment

- Design and Construction of Community Health Centre Cum Social Welfare Facilities
- Construction of a 36-classroom primary school at Area 9, Tai Po (NEC3 ECC Option B), BIM, MiC



Integrated platform with MiC production quality control, data security with Block-chain technology and ease presentation in BIM model.

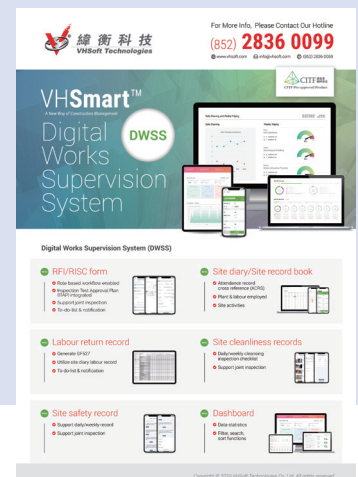
[WATCH VIDEO](#) 

VHSmart DWSS

- Design and Construction of Community Health Centre Cum Social Welfare Facilities
- Construction of a 36-classroom primary school at Area 9, Tai Po (NEC3 ECC Option B), BIM, MiC

The Innovative DWSS System can uplift the capacity and sustainability of the construction industry, increase productivity, enhance regulation and quality assurance, improve site safety and reduce environmental impact.

[WATCH VIDEO](#) 





CONTACT US

聯絡我們

KATHY LAU
EASON YUNG

TEL 電話 (+852) 2100 9430
TEL 電話 (+852) 2100 9835

EMAIL 電郵 kathylau@cic.hk
EMAIL 電郵 easonyung@cic.hk