

MICology Limited

Online Technology Forum



Our Mission



1. Visualize information in 3D virtual world
2. Make communication effective to reduce cost and risk.



Borehole Viewer



3eyeD

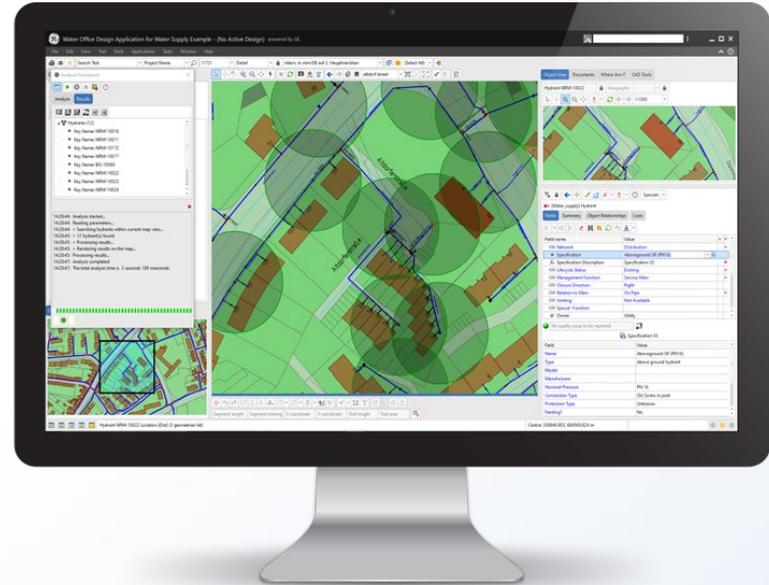
INTERACTIVE 3D MONITORING SYSTEM



Problem : Complex

Hard to read

- Depth
- Slope
- Intersection
- Overlapping layers
- Distortion



Problem : Massive

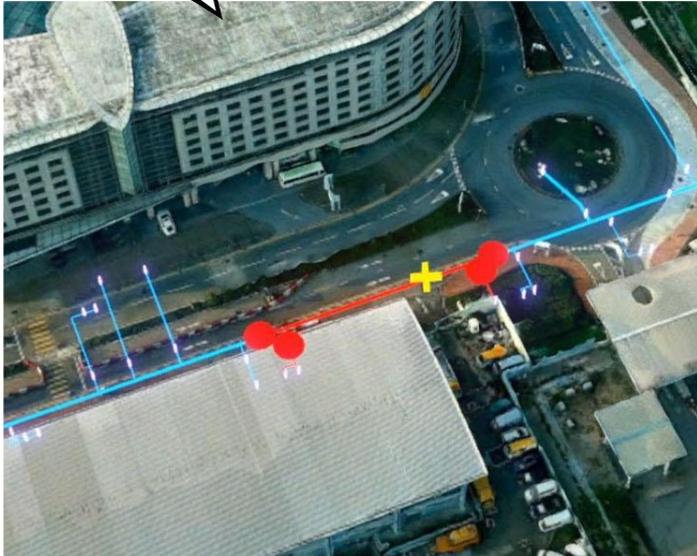
Hard to process

- Huge amount of 2D graphs to evaluate
- Long time to locate problems
- Many dashboards for different data



3eyeD : God View

No Blindspot !

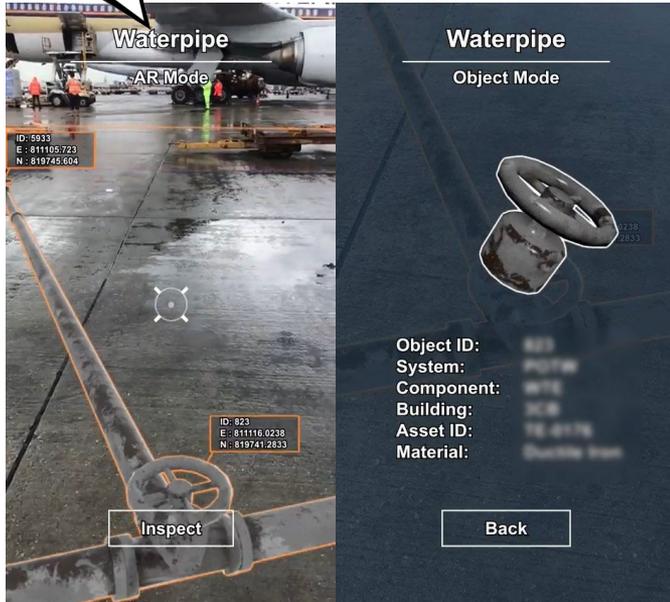


For headquarter (HQ)

- Synchronize with real world data
- Live view in 3D virtual world
- Use case:
 - **✘** - Water pipe leakage spot
 - **Red Spot** - Inform you what valves to close automatically
 - Deploy an inspection team to investigate

3eyeD : On-site Inspector

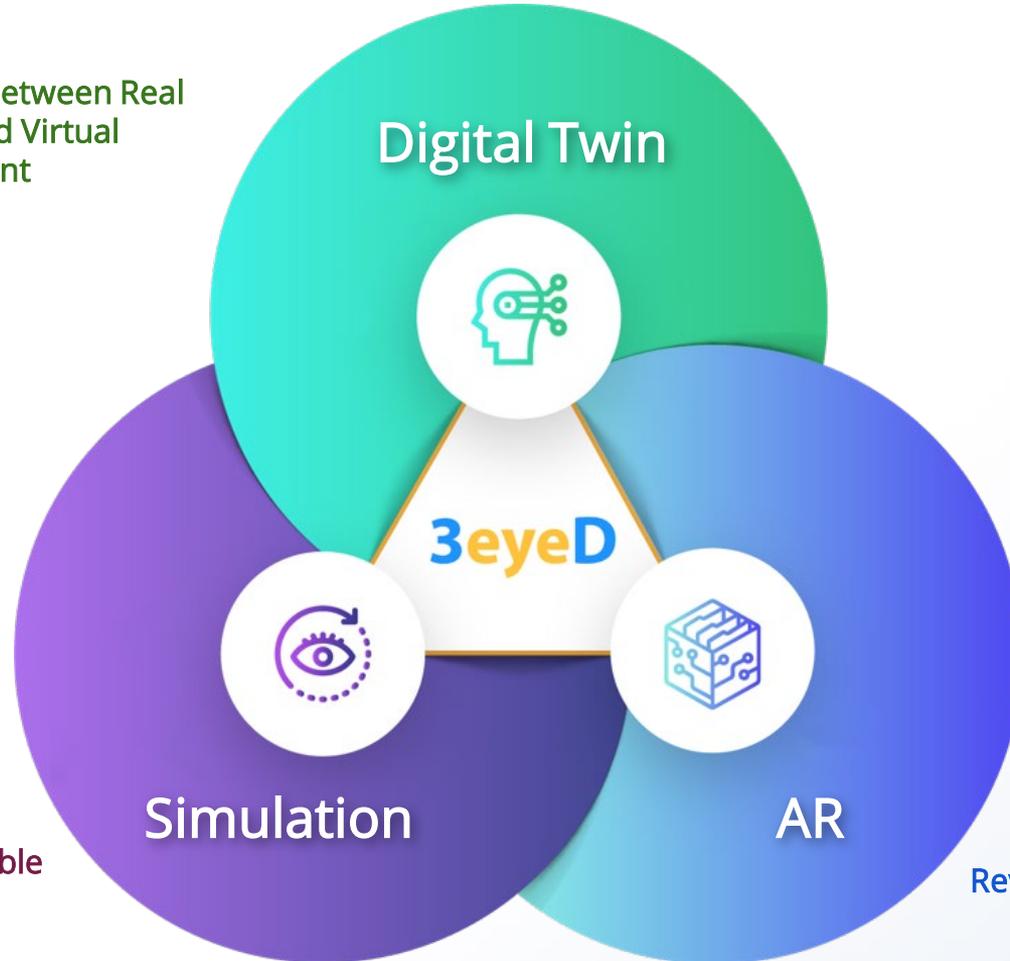
See through the ground !



For field agents

- Augmented Reality
- Accurate GPS positioning
- Use case:
 - Manage inspection team location in real time
 - AR screen is streamed back to manager with 5G

Live Sync between Real devices and Virtual environment



Forecast possible outcome

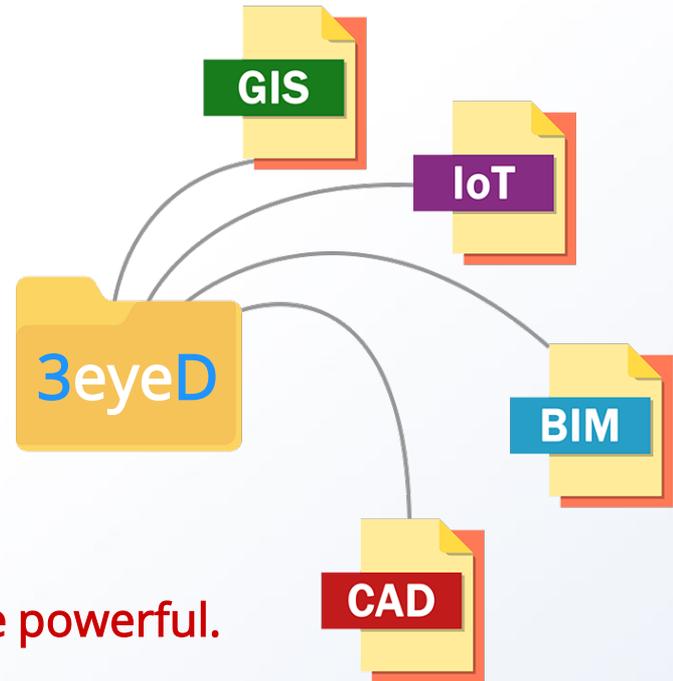
Reveal Information

Support all sort of data

- Geographic Information System
- IoT devices data
- Building Information Model
- Computer Aided design
- Point cloud model

More data modules are on the roadmap for different industries.

More partners, more data modules, more powerful.



Airport View

811,242.75 E, 820,030.88 N



ID: BH02



Top of Type	Depth	Material Layer		
4.59	6.00	Fill	▼	×
-1.41	1.50	GradeV_CDRock	▼	×
-2.91	2.50	Fill	▼	×
-5.41	2.00	GradeVI_RS	▼	×
-7.41	0.30	Fill	▼	×
-7.71	2.27	GradeVI_RS	▼	×
-9.98	2.65	GradeVI_RS	▼	×

PDF 1:



Geotechnical Information

811,242.75 E, 820,030.88 N



ID: BH02



Top of Type

Depth

Material Layer

4.59	6.00	Fill	▼	✕
-1.41	1.50	GradeV_CDRock	▼	✕
-2.91	2.50	Fill	▼	✕
-5.41	2.00	GradeVI_RS	▼	✕
-7.41	0.30	Fill	▼	✕
-7.71	2.27	GradeVI_RS	▼	✕
-9.98	2.65	GradeVI_RS	▼	✕

PDF 1:



Borehole View

811,242.75 E, 820,030.88 N



Information

ID: BH02

Soil: Fill

From: 0m

To: 6m

Z: 4.59m

ID: BH02

Top of Type	Depth	Material Layer		
4.59	6.00	Fill	▼	✕
-1.41	1.50	GradeV_CDRock	▼	✕
-2.91	2.50	Fill	▼	✕
-5.41	2.00	GradeVI_RS	▼	✕
-7.41	0.30	Fill	▼	✕
-7.71	2.27	GradeVI_RS	▼	✕
-9.98	2.65	GradeVI_RS	▼	✕

PDF 1:



Borehole Viewer ×

Select Borehole mode

Graphic Scale 1:10





(0.00, 0.00)

R1
82%

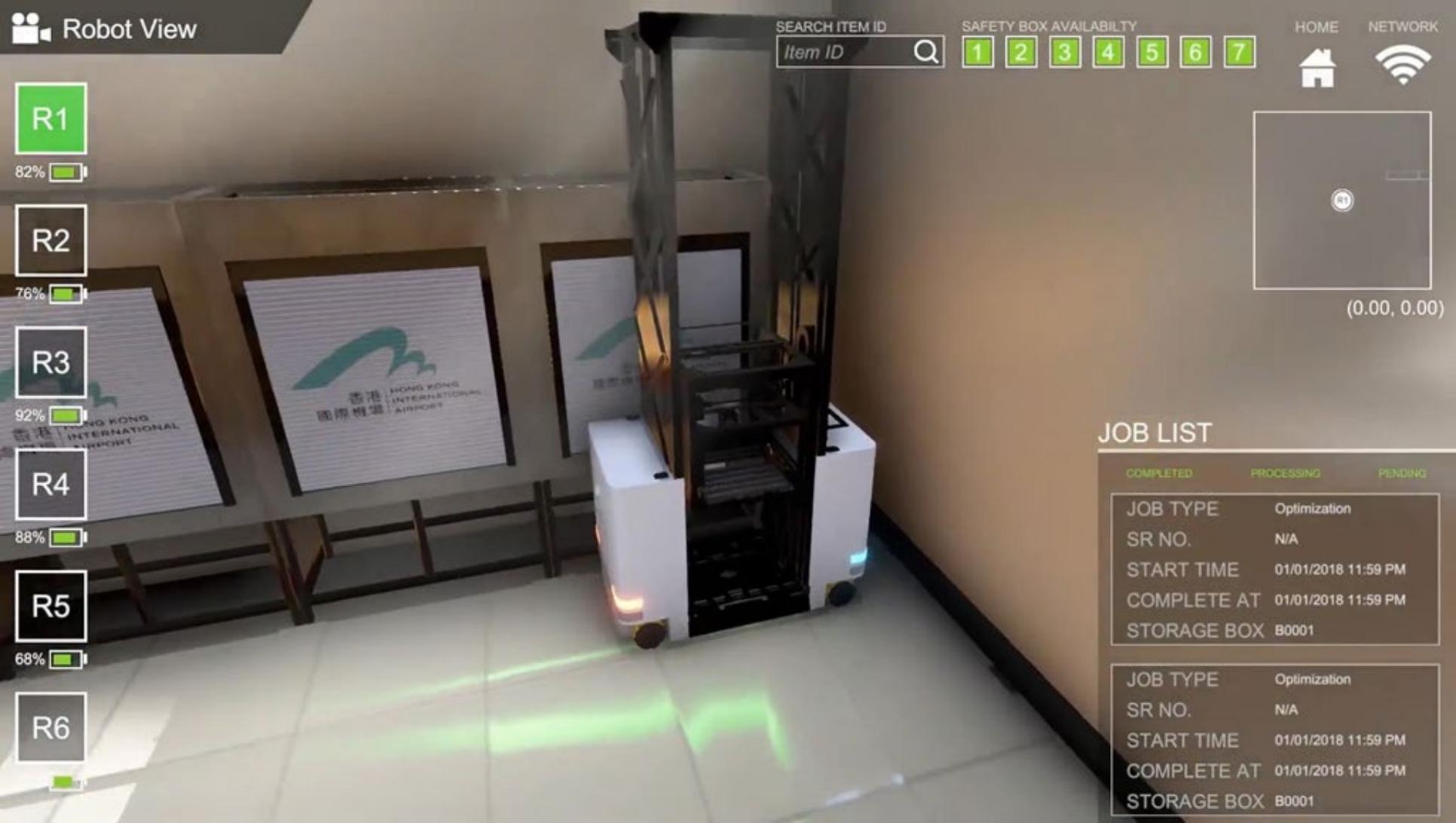
R2
76%

R3
92%

R4
88%

R5
68%

R6



JOB LIST

COMPLETED PROCESSING PENDING

JOB TYPE	Optimization
SR NO.	N/A
START TIME	01/01/2018 11:59 PM
COMPLETE AT	01/01/2018 11:59 PM
STORAGE BOX	B0001

JOB TYPE	Optimization
SR NO.	N/A
START TIME	01/01/2018 11:59 PM
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STORAGE BOX	B0001



R1

82%

R2

76%

R3

92%

R4

88%

R5

68%

R6

71%

The item is in the following storage box(es):

STORAGE BOX ID	ITEMS ID	QUANTITY
NWC01-B031	SML-U-01	97
	RGT-T-0184	33
NWC01-B040	SML-V-01	32
	SML-X-0289	53
NWC01-B061	RXA-M-0208	47
	SML-G-01	21

Item ID



- 1
- 2
- 3
- 4
- 5
- 6
- 7



R1

82%

R2

R3

92%

R4

88%

R5

68%

R6

71%

NWC01-B0311
SML-U-01 97
RGT-T-0184 33





Everything in 1 system

Monitor all information in 3eyeD

Pipe Leakage

Power Surge

Luminosity

Air Pollution

Noise Control

Machines
Failure

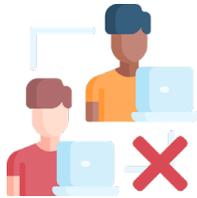
Robot
Movement

Human status

& MORE

How it helps you

Save money, time and lifes!



\$37+B

USD per year is wasted in unproductive discussion



\$8.8+B

USD saved per year by 24% shorten time with data visualizations



48%

Managers find the data they need without I.T. support

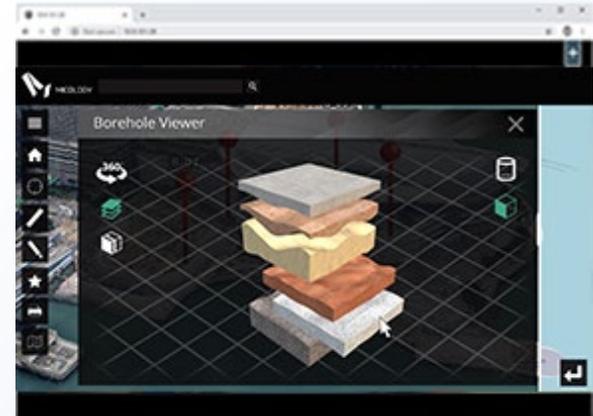


300%

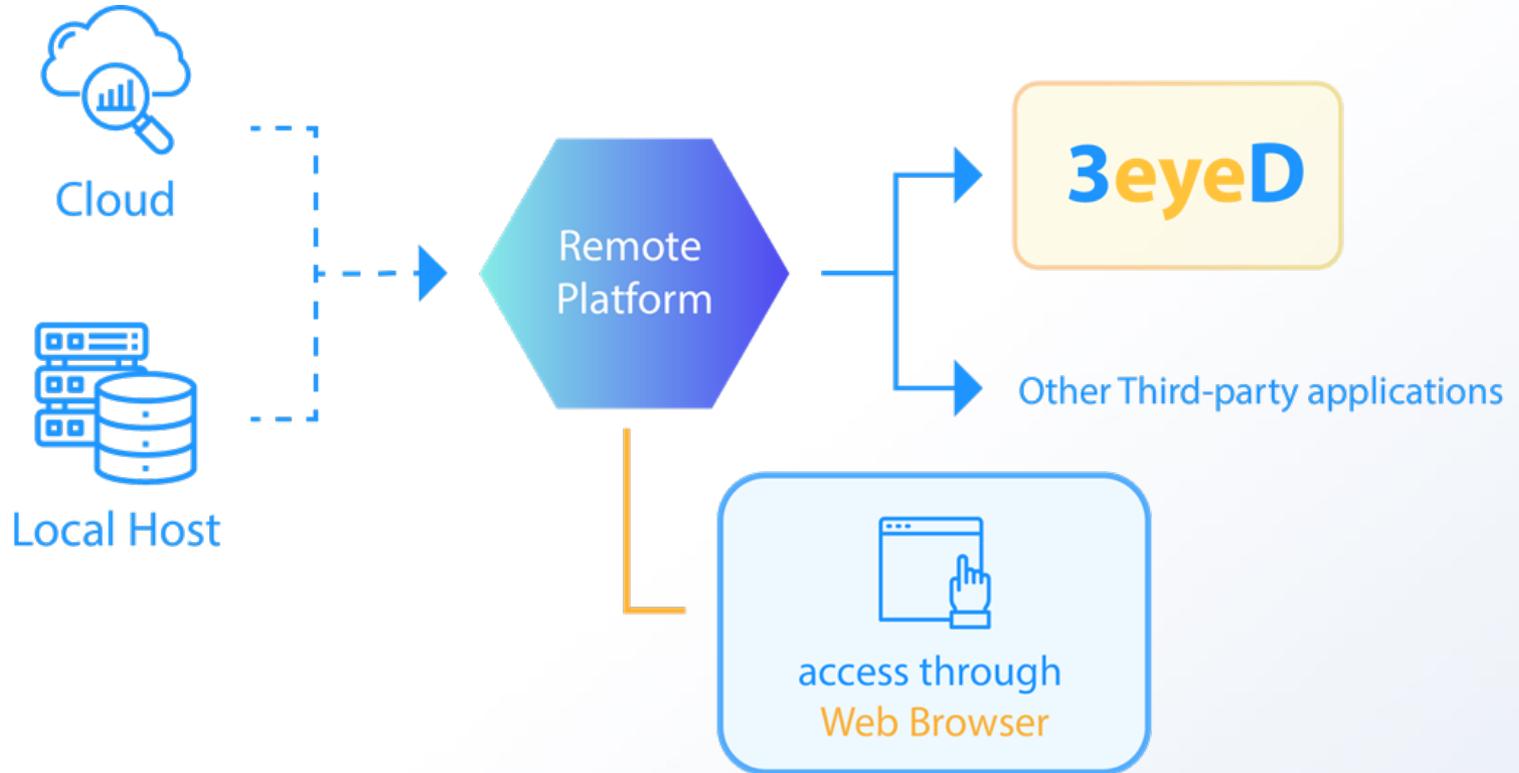
More effective in decision making

Browser control with 1 click!

No installation required on client
Bypass procedure and speed up everything



The Remote Platform



Now is the best timing



Collect Data



Monitor data with
3eyeD



Remote
anywhere on any
device

About us



Ingo Lau

CEO / Founder

Master of Science
(MScMET)
- Polytechnic
University

Bachelor of Business
- Victoria University.



Carkos Lam

Director / Founder

Master of Science
(MScMET)
- Polytechnic
University

BEng in Computer
Science
- HKUST

Started their entrepreneurship career since 2010.

Over 10 years of experience in game engines, 3D data handling , graphic visualization.

Collaborating with Hong Kong Airport in different aspects.

❖ Combines Game development knowledge with **Big Data, A.I., IoT and 5G**

Achievements



- ❖ Start up Express - My Favourite Start-up Award
- ❖ Hong Kong Retail Innovation Award Best Retail Start Up Innovation Award - Media Choice
- ❖ Incubatee of Science Park Incu-Tech Programme

THANK YOU

Contact info@micology.ai for more information

Visit our [Youtube Channel](#) for Product Showcase



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