iCreativeSystems Co.,Ltd.

ICREATIVE SYSTEMS

COMPANY PROFILE

Modern business driven
by innovation

399/15, Moo 4, The Modern Park Village,
Chai Mongkol Subdistrict, Mueang District,
Nakhon Ratchasima Province, 30000, Thailand.

Email: contact@icsco.ai
Tel: 097-078-1679

We are iCreativeSystems Co., Ltd., Thailand's leading
developer of Unmanned Aerial Vehicles (UAVs) for professional surveying.

EXPERIENCE

FUNDING

NIA
SEDA
ITAP
UWบ.
THEMATIC INNOVATION
INNOPENVATION
TCD FUND
TALENT MOBILITY
REGIONAL SCIENCE PARK
สกสว
GISTDA

CUSTOMERS

กรมชลประทาน
การยางแห่งประเทศไทย
Rubber Authority of Thailand
BETAGRO
ANC InsurTech
TOP ENGINEERING CORPORATION
KPP
Panthong Education Group
meiji ชีพี-เมจิ
MIND BOOSTER
TSM GROUP
NPS
EGAT
CBRE
X-TREME COMPOSITE
LFFINTECH Co., Ltd. Beyond Business Innovation
RANGWAD Digital Land Surveyors Platform
KPAGRO ALWAYS YOUR FRIEND
AIS
XFAS
WAIPIA DEVELOPMENT
D-Prom SURVEY
WCAT
GreenValley
AR 9 SE

AWARD

UAV STARTUP 2019
TED FUND
UAV STARTUP 2018
รางวัลรองชนะเลิศอันดับ 2
โครงการริเริ่มและสนับสนุนโดย
INNOVATION THAILAND
APPRECIATION
UAV STARTUP 2019
รางวัลที่ 1
1,000,000 บาท
DIPROM X DELTA ANGEL FUND 2024

"Best of the best"

THAI-BISPA DAY 2025
ICS

บริษัท ไอครีเอทีฟซิสเตมส์ จำกัด
THAI-BISPA DAY 2025
ICS

UAV STARTUP 2019
50,000 บาท
120,000 บาท
30,000 บาท
MHESI
GISTDA
NIA

ESG TO CAPITAL
For Tech Entrepreneura

What's Our Business

iCreativeSystems

Company Limited

Hardware

FLIGHTLYNC

Software

AiroSight

UAV Services

PRODUCTS

eVTOL

Ground Control Station

Outdoor Multirotor

LiDAR Scanner

VILVERIN VL340

3.5 kg
Swapable payload compartment

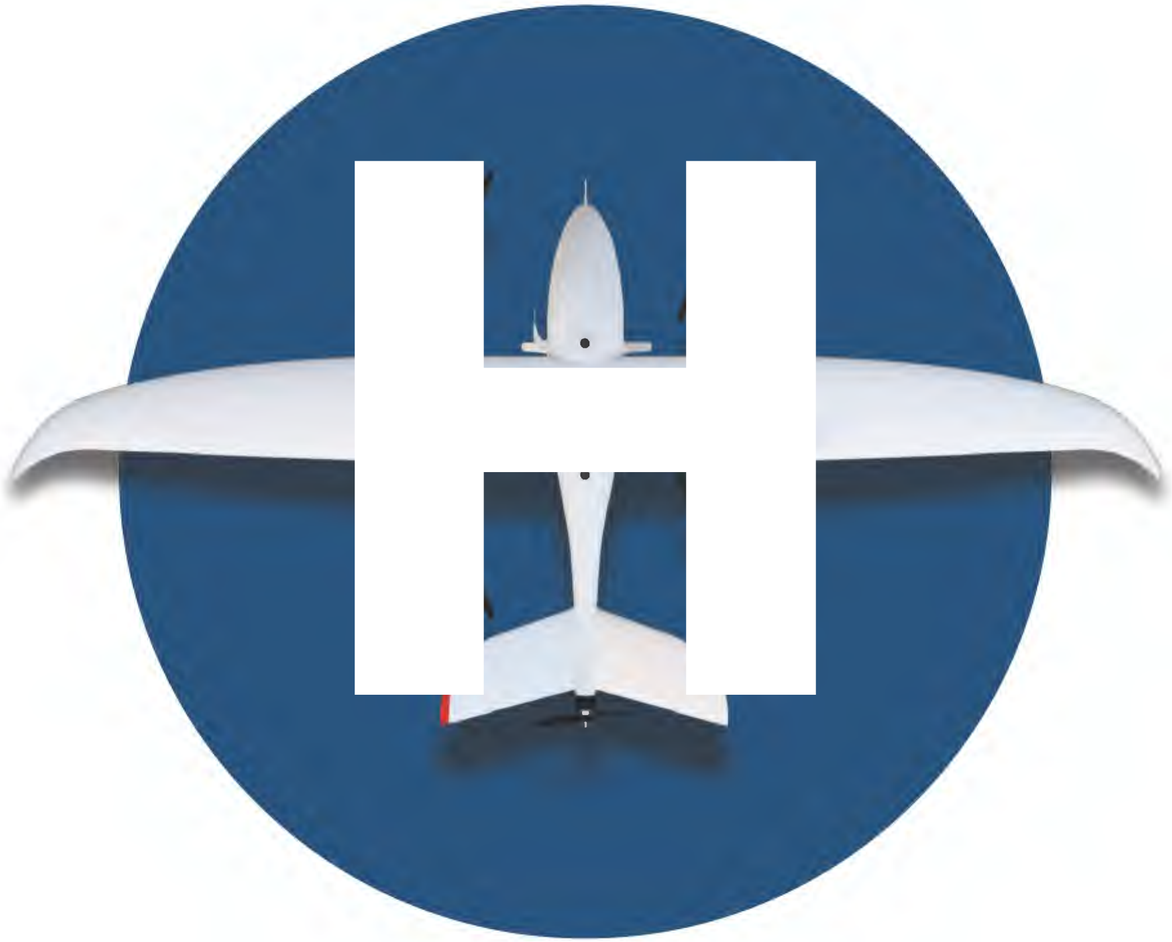
200km+
Maximum travelled distance

PPK/RTK
Improve absolute accuracy in fewer steps

<5 min
Quick assembly

5G
5G & Cloud connectivity

Auto MISSION
Take-off, landing & smart autonomous features



- EASE OF USE
- FLEXIBILITY
- RELIABILITY
- MAINTENABILITY

EASE OF USE

A vertical takeoff and landing (VTOL) aircraft that requires no runway, featuring fully autonomous flight from takeoff to landing. It is controlled via the "FlightLync" installed in our Ground Control Software, designed with user-friendliness in mind and continuously improved based on user feedback.

Software

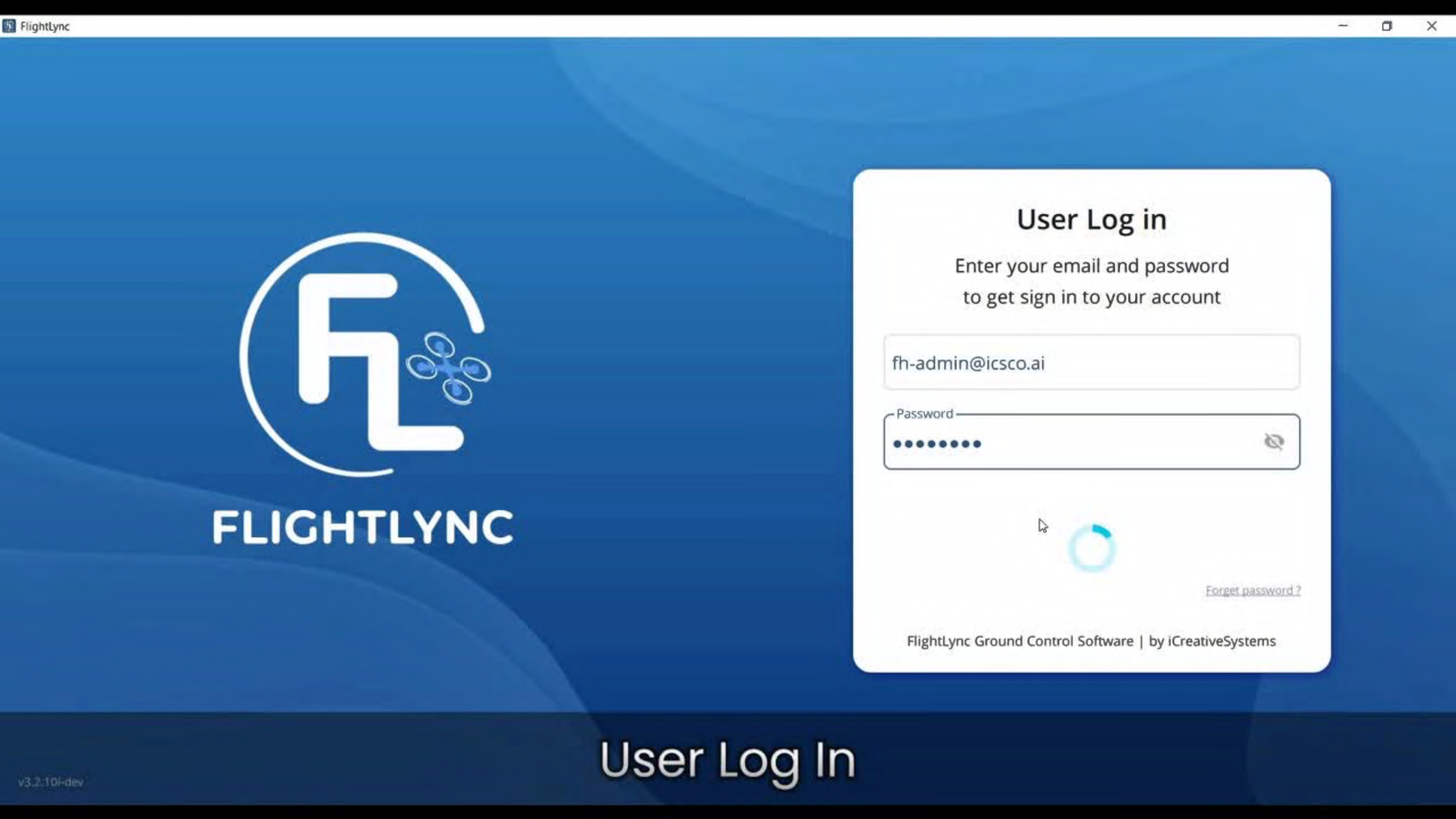
FlightLync

Ground Control Software

Features

- Flight Path Planning
- Flight Data Monitoring
- Pre-flight Check Systems
- Realtime Video
- Vehicle Setup
- Autopilot Support

FLIGHTLYNC


FlightLync
FLIGHTLYNC
User Log in
Enter your email and password
to get sign in to your account
fh-admin@icsco.ai
Password
Forget password ?
FlightLync Ground Control Software | by iCreativeSystems
v3.2.10i-dev

User Log In

FLEXIBILITY

Supports a wide range of payload and can be upgraded to suit customer needs, including RGB cameras, multispectral sensors, EO/IR systems, and LiDAR.

SURVEILLANCE

EO/IR Camera

PTZ Camera

AERIAL MAPPING

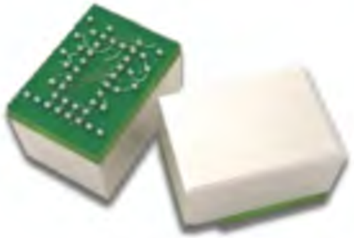
LiDAR

RGB Camera

Oblique Camera

Multispectral Camera

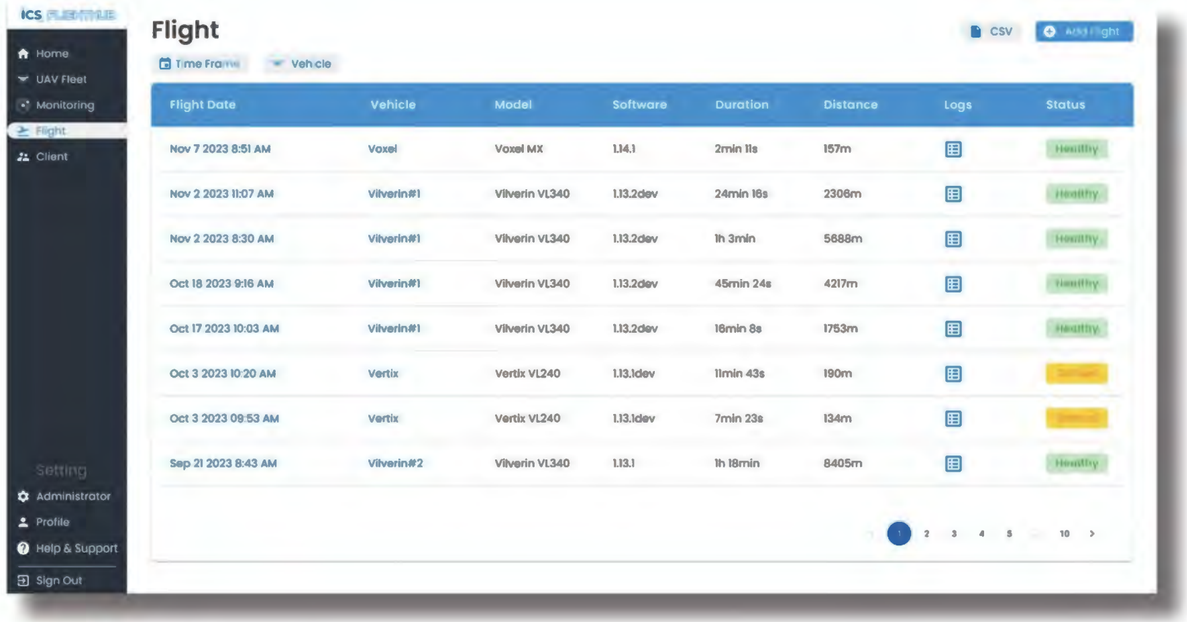
RELIABILITY

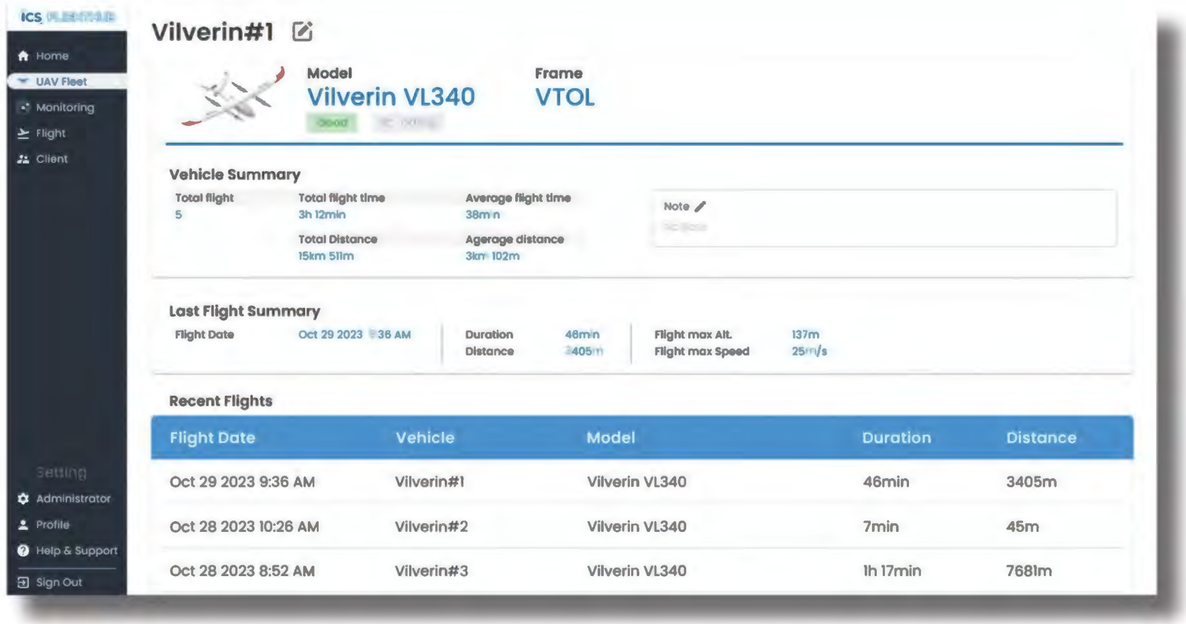


Utilizes industrial-grade sensors and connectors, designed for Asia's environmental conditions. The UAV structure testing for durability and flexibility, along with advanced electronics testing beyond standard drone registration, such as EMI and EMC

MAINTAINABILITY

Offers a clear maintenance plan and tracking system, providing problem analysis and solutions before issues arise. Equipped with software for maintenance tracking and notifications.

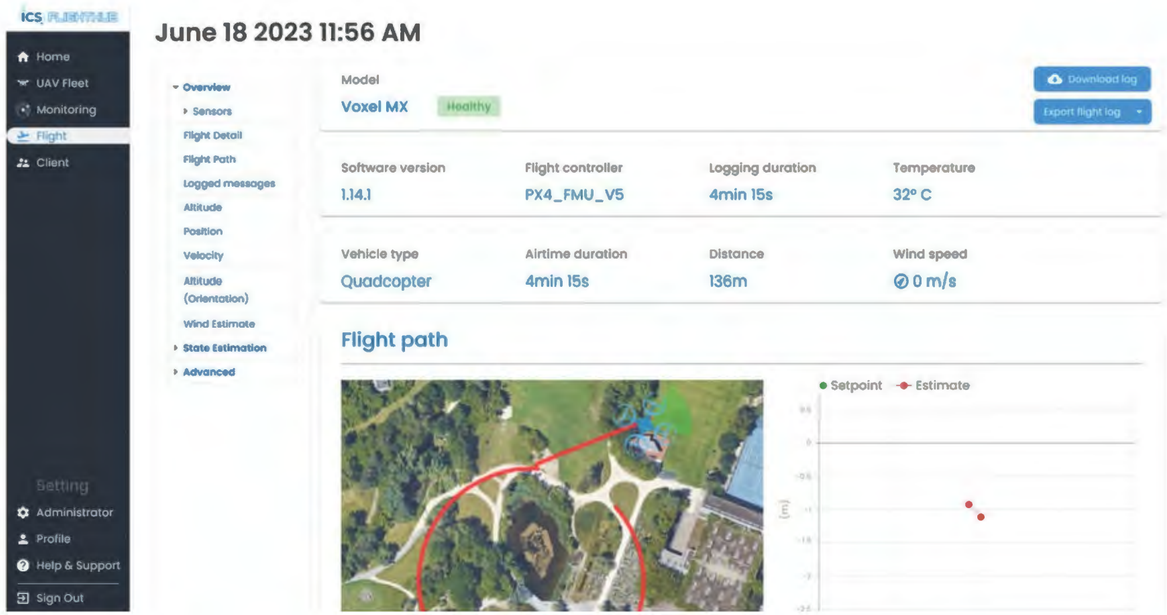




Software

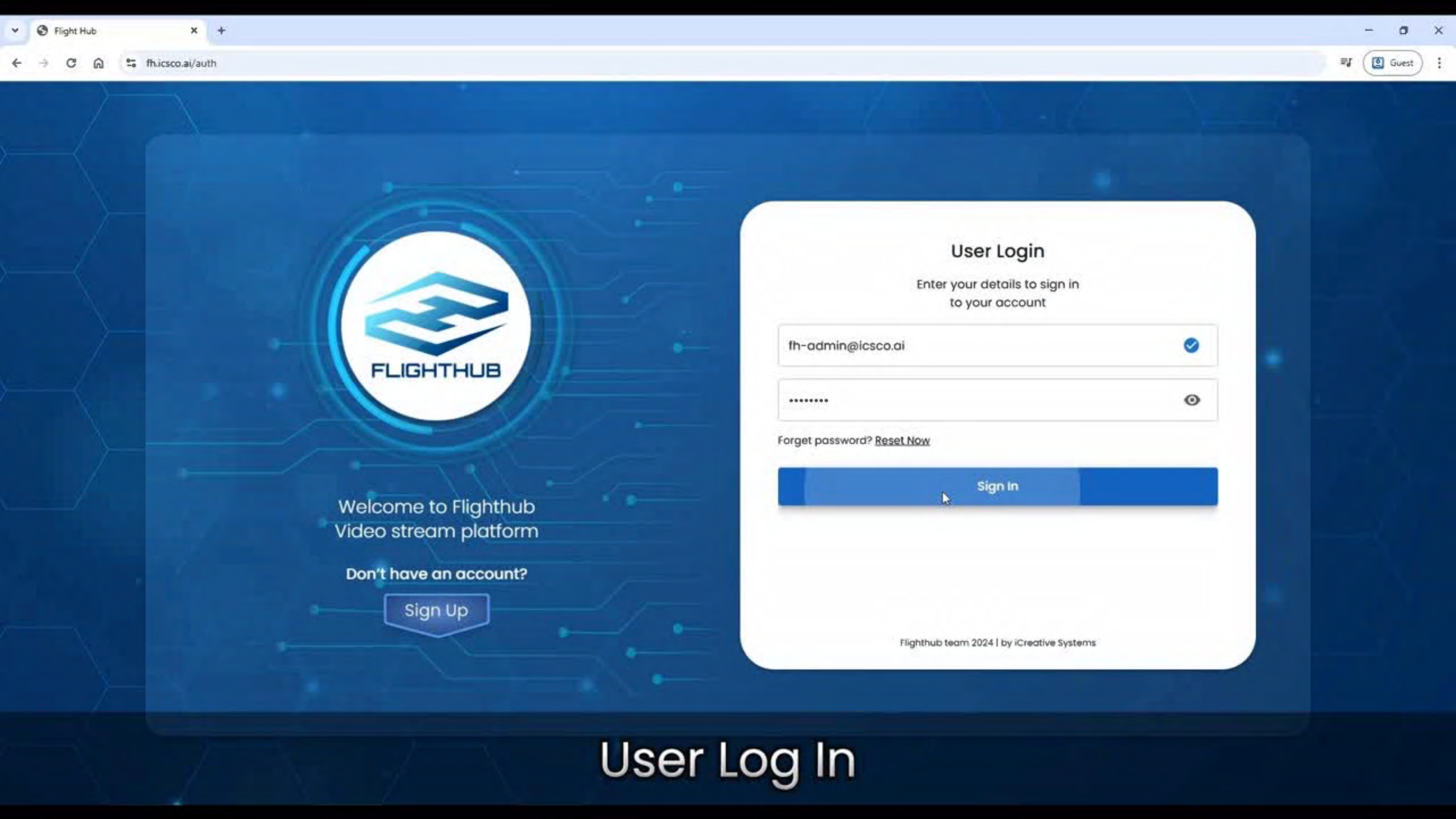
FlightHub

Fleet Monitoring Software



Features

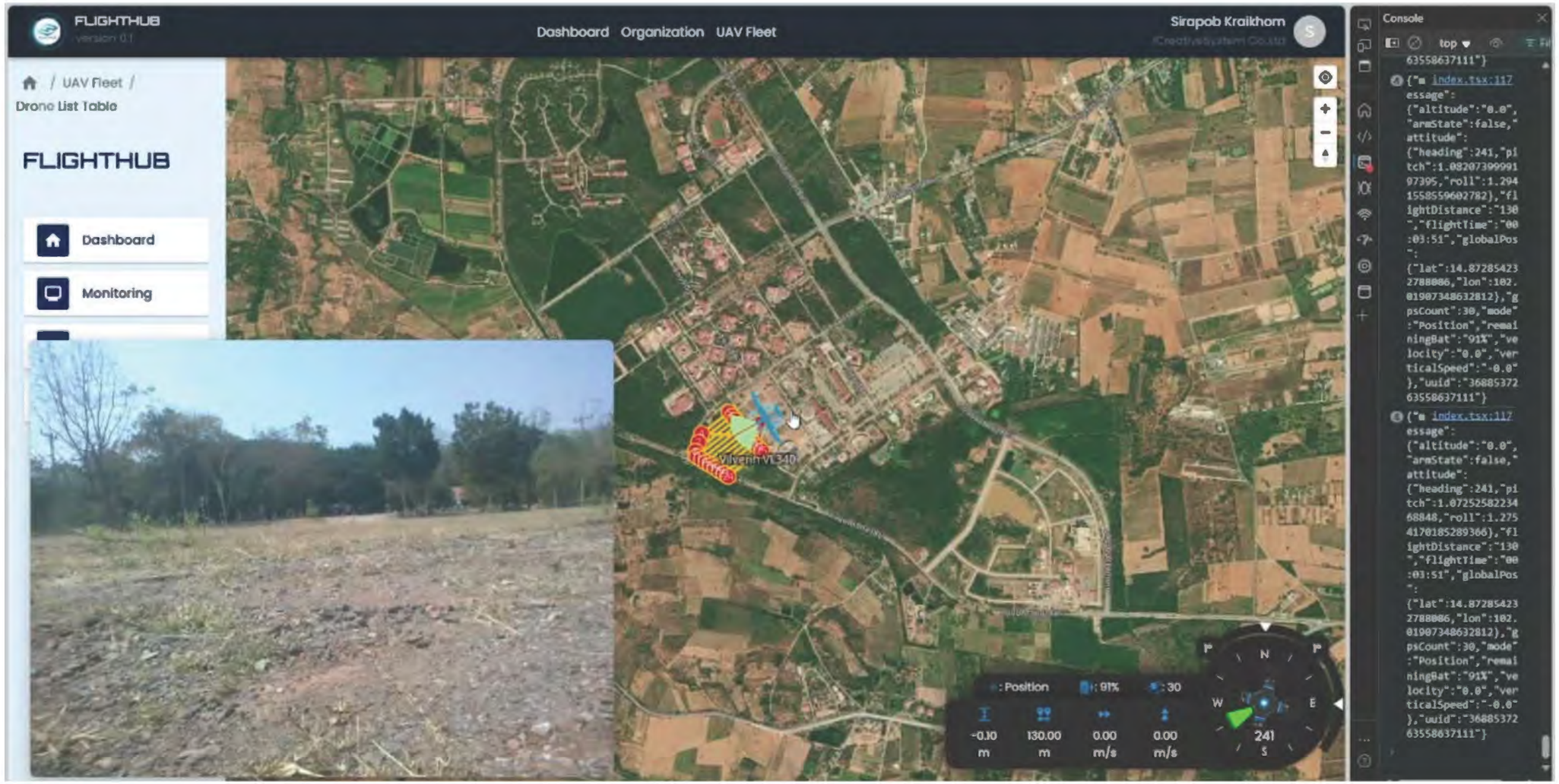
- Organization Management
- Fleet Management
- Realtime Flight Monitoring
- Flight Data Overview
- Flight logs Analysis


Flight Hub
fh.icsco.ai/auth
Guest
FLIGHTHUB
Welcome to Flighthub
Video stream platform
Don't have an account?
Sign Up
User Login
Enter your details to sign in
to your account
fh-admin@icsco.ai
Forget password? Reset Now
Sign In
Flighthub team 2024 | by iCreative Systems
User Log In

Video Real-time Streaming

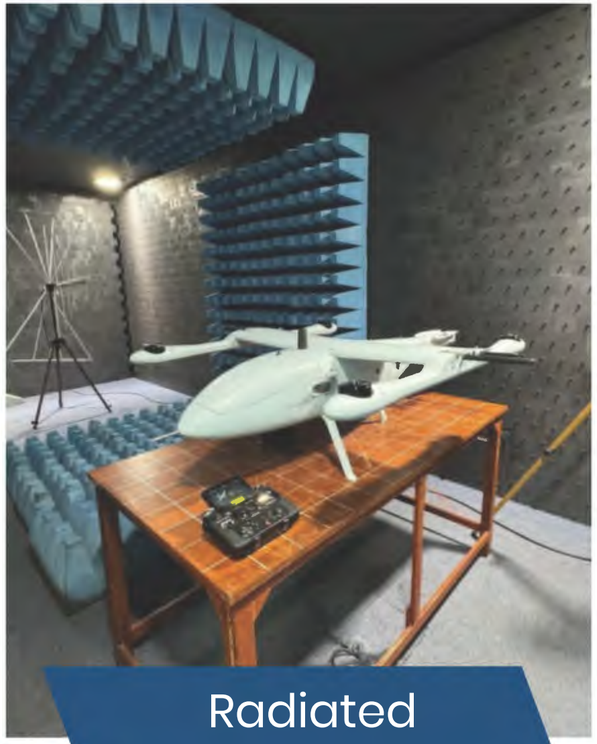
FlightHub

Fleet Monitoring Software



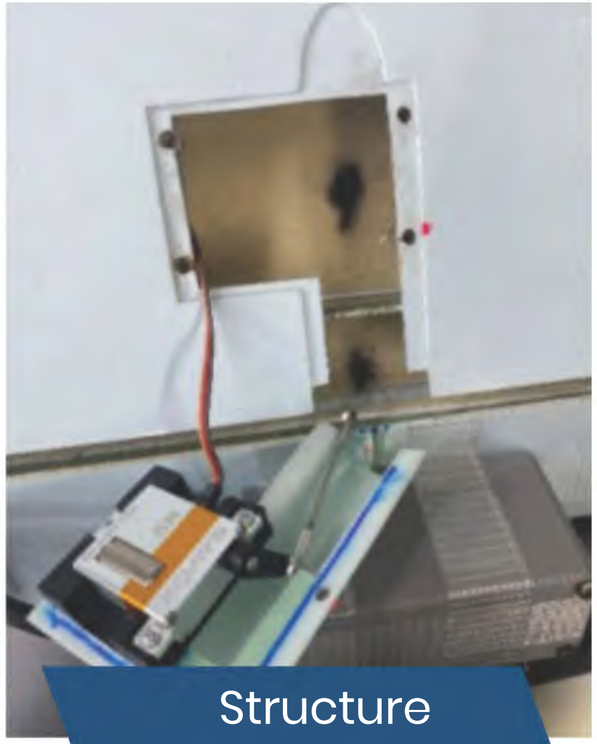
Standard Testing

Wing
Loading Test



Radiated
Immunity Test

Conducted
Emission Test



Structure
Durability Test

Survey Area (km²)

14 km²

10 km²

7 km²

4 km²

1.9 km²

1.5 km²

- Camera model: Sony ILX LR1 with 35 mm lens
- Image Side overlap: 70%
- Image Resolution: 3 cm/px

Flight Time (Minutes/Flight)

35 | 45 | 75 | 100 | 130 | 170

average coverage per flight ~70-80% of battery

2 kg
Multi-purpose payload capacity

150 km+
Maximum travelled distance

PPK/RTK
Improve absolute accuracy in fewer steps

3 min
Quick assembly

5G
5G & Cloud connectivity

Auto MISSION
Take-off, landing & smart autonomous features

VERTIX VL260

eVTOL Fixed-Wing UAV

Suitable for entry & intermediate level

STATE AUDIT OFFICE

EGAT
ICS UAS
Electricity Generating
of Thailand

University

King Mongkut's University of Technology North Bangkok

Buriram Rajabhat University

Rajamangala University of Technology Lanna Chiang Mai

University

Surindra Rajabhat University

Royal Thai Air Force Academy

Suranaree University of Technology

Government

State Audit Office of the Kingdom of Thailand (SAO)

Department of Public Works and Town & Country Planning (DPT)

Department of Primary Industries and Mines (DPIM)

Signal Department Royal Thai Army

Private Sector

EGAT

Electricity Generating Authority of Thailand (EGAT)

GreenValley

GreenValley International Inc (GVI)

BAR 9 SE บริษัทบาร์ไนน์ เอสอี

BAR 9 SE Company Limited

<5 min
Quick assembly

5 kg
Swapable payload compartment

PPK/RTK
Improve absolute accuracy in fewer steps

Auto MISSION
Take-off, landing & smart autonomous features

XTRIX VL390

eVTOL Fixed-Wing UAV

Large area Mapping & Surveillance

3.5 kg
Multi-purpose payload capacity

25 km+
Maximum travelled distance

PPK/RTK
Improve absolute accuracy in fewer steps

<2 min
Quick assembly

Terrain FOLLOWING
Maintain distance from the ground by Terrain Following

Auto MISSION
Take-off, landing & smart autonomous features

VOXEL MX
Multirotor UAV

Designed for LiDAR

VOXEL MX 2024

iCreativeSystems Co.,Ltd.

<2 min
Quick assembly

5 kg
Swapable payload compartment

Terrain FOLLOWING
Maintain distance from the ground by Terrain Following

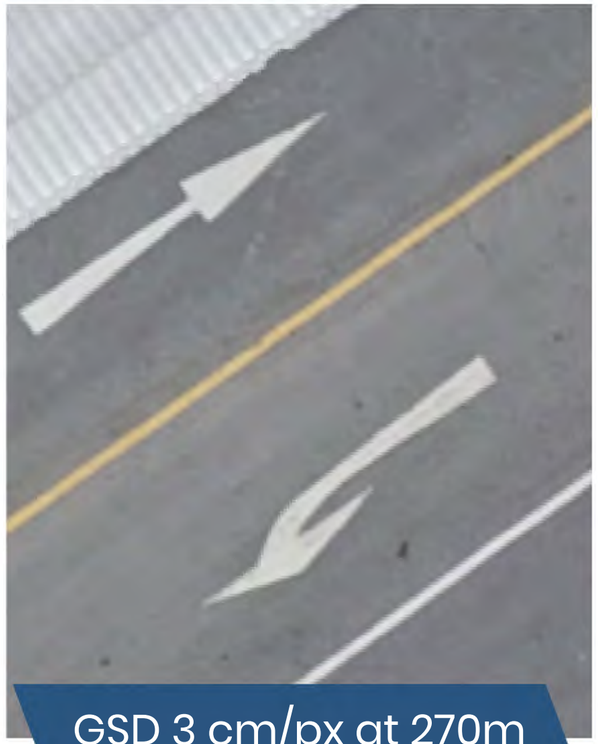
Auto MISSION
Take-off, landing & smart autonomous features

VOXEL GS

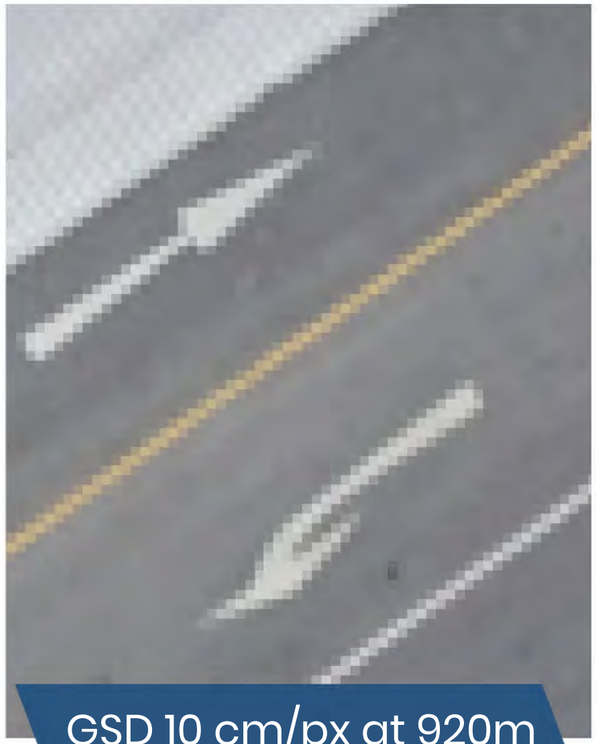
Multirotor UAV

Professional Aerial Mapping and Surveillance

Ground Sampling Distance



GSD 3 cm/px at 270m



GSD 10 cm/px at 920m

Satellite Image

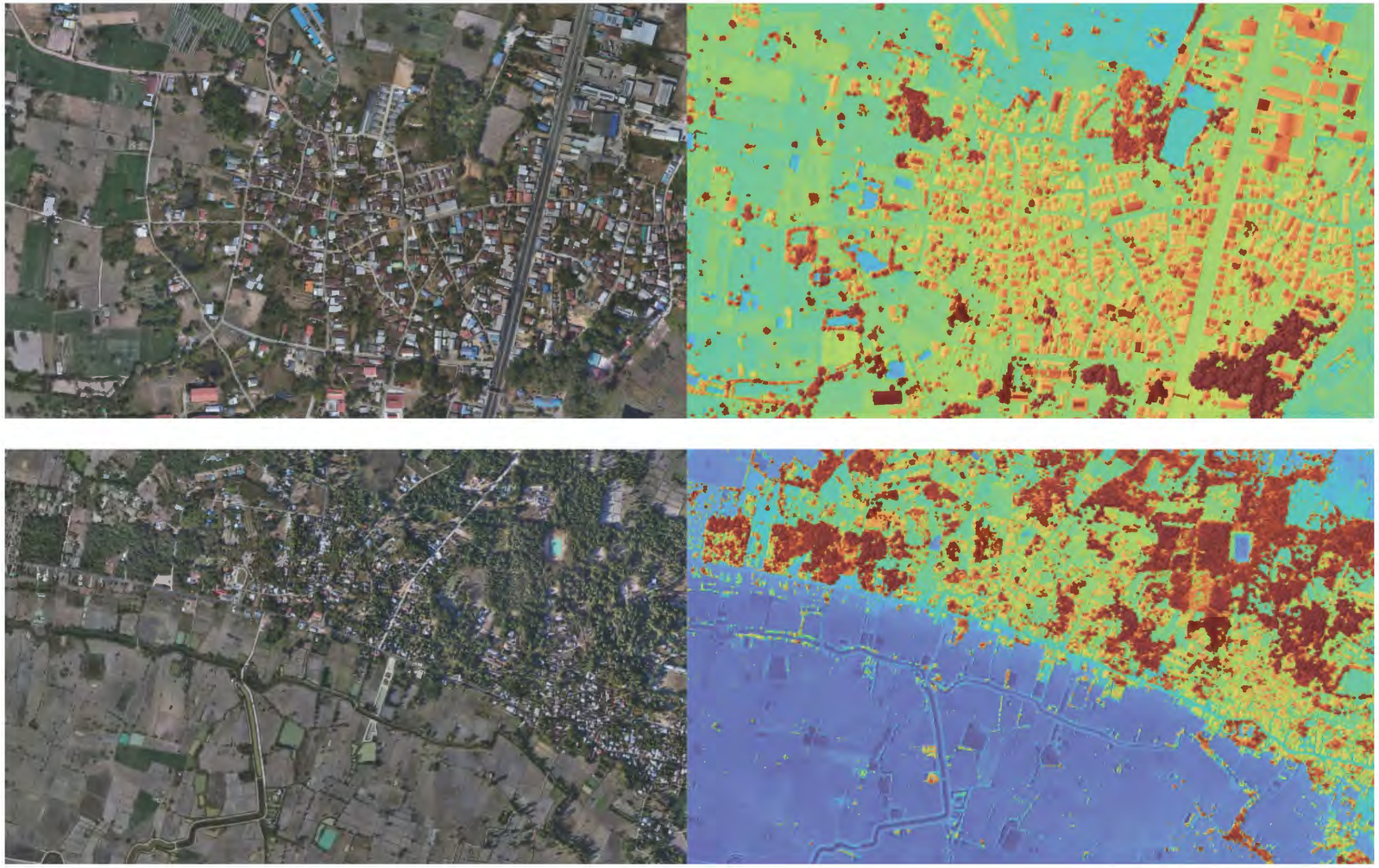
RGB Camera, LiDAR, Contour, DSM/DTM

RGB 3D Mapping

Smart City Project

RGB Mapping

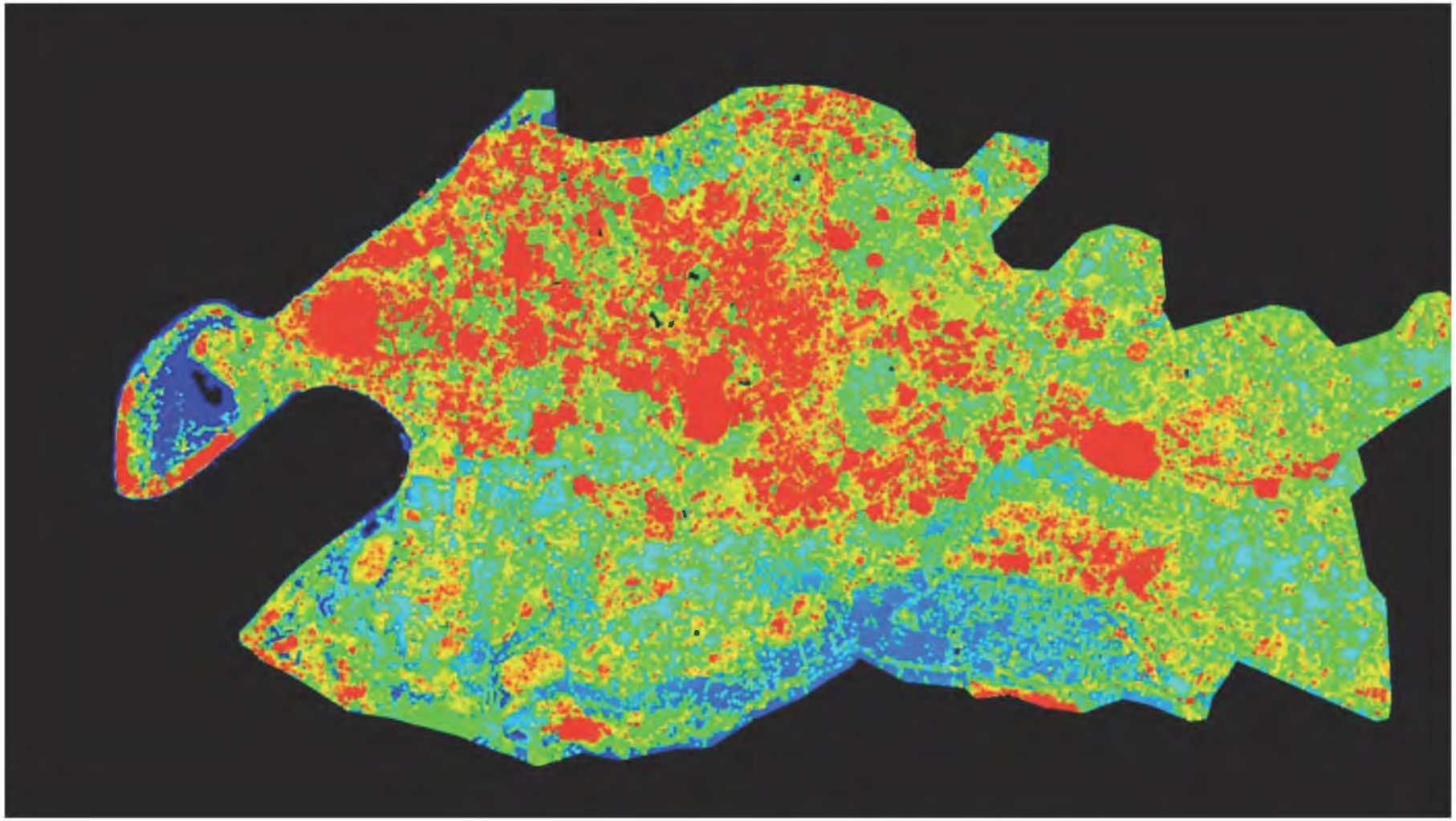
Orthomosaic



Digital Surface Model

RGB Mapping

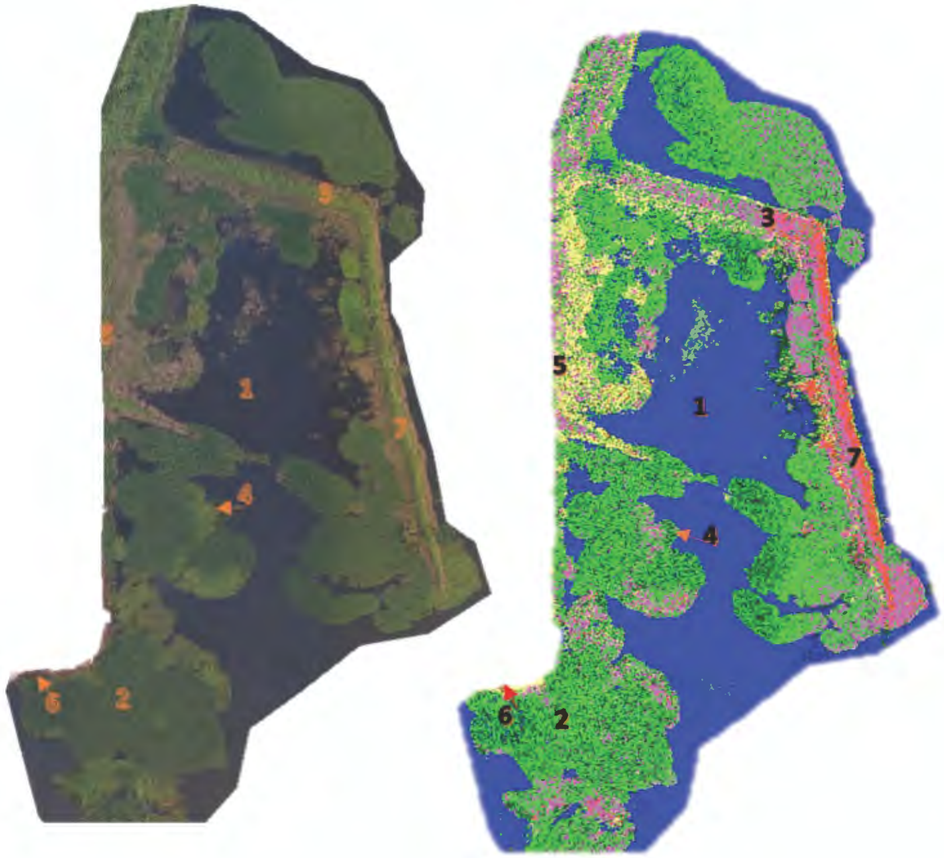
Survey area 100 km^2



Machine Learning / AI

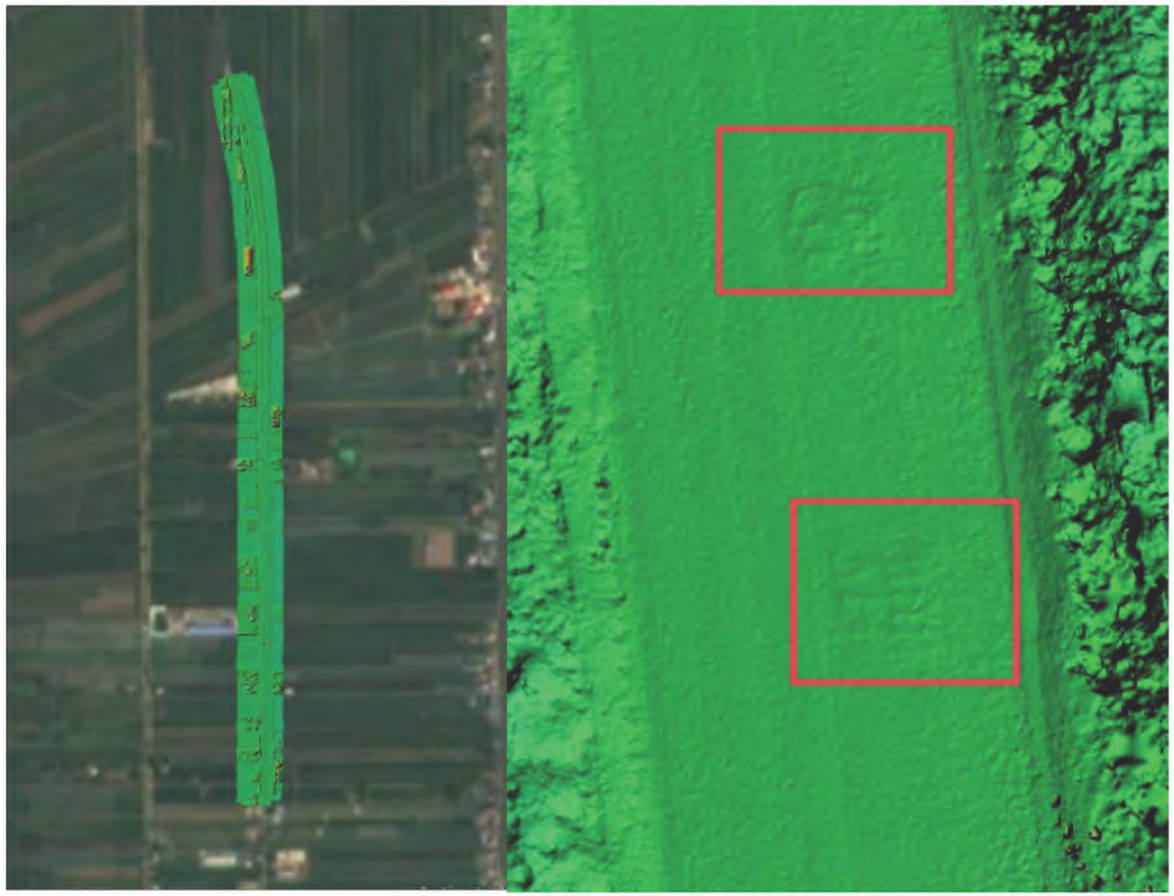
Rooftop building detection

Plant/Weed identification



Machine Learning / AI

Road Surface Analysis



VILVERIN VL340
FIXED-WING EVTOL

iCreativeSystems Co.,Ltd.

LiPix

HANDHELD LiDAR SCANNER

- Best Accuracy & Range
- Indoor & Outdoor Scanner
- Real-time Data Monitor
- Easy Maneuver & Portability

HANDHELD LIDAR SCANNER

Best Accuracy & Range

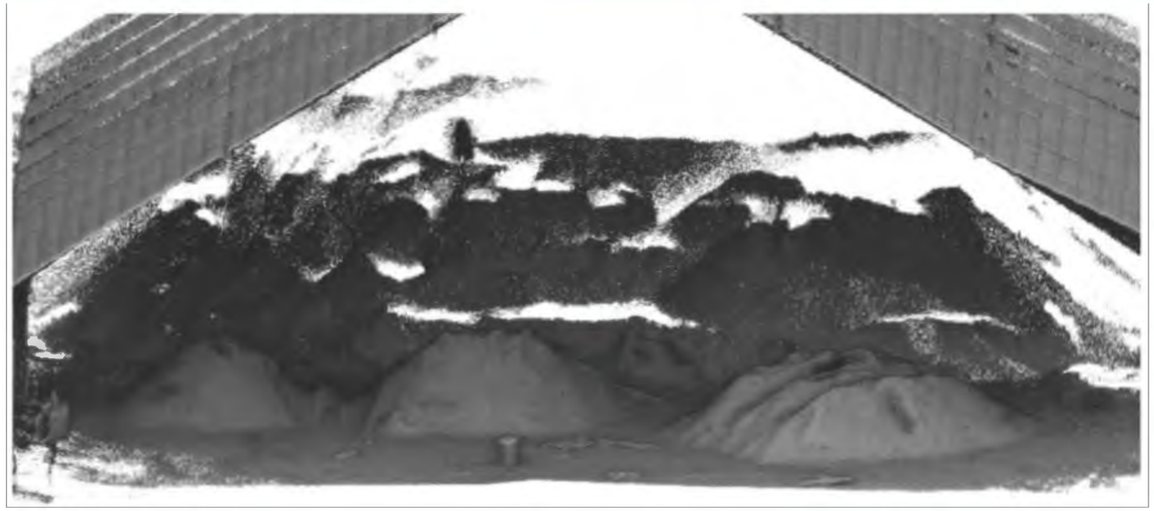
Indoor & Outdoor Scanner

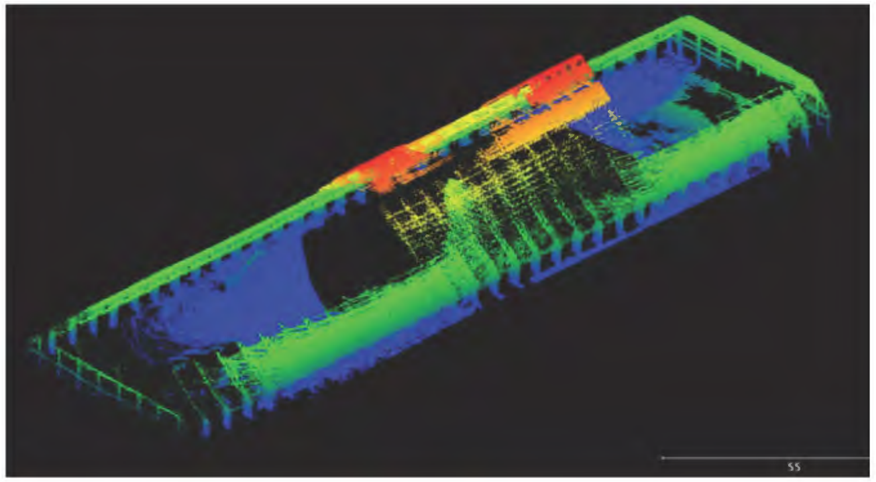
Real-time Data Monitor

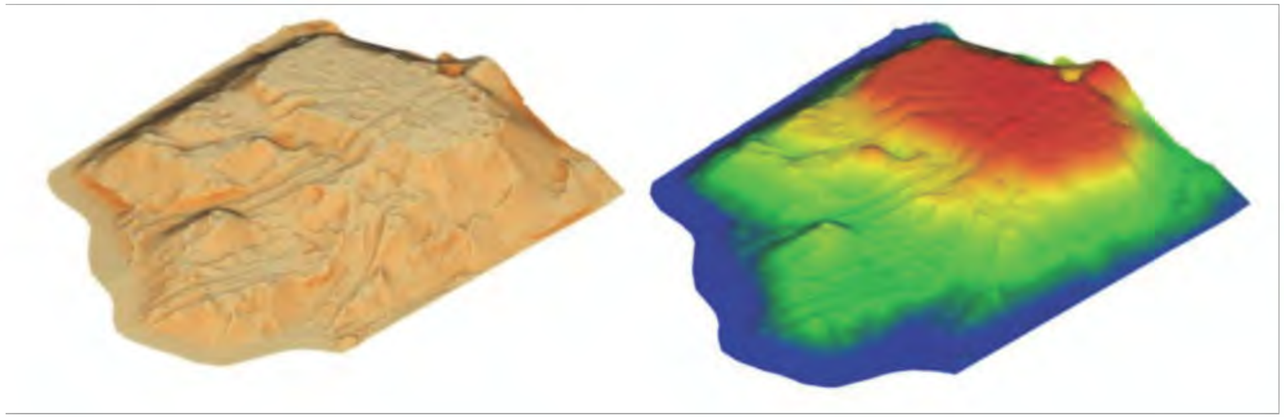
Easy Maneuver & Portability

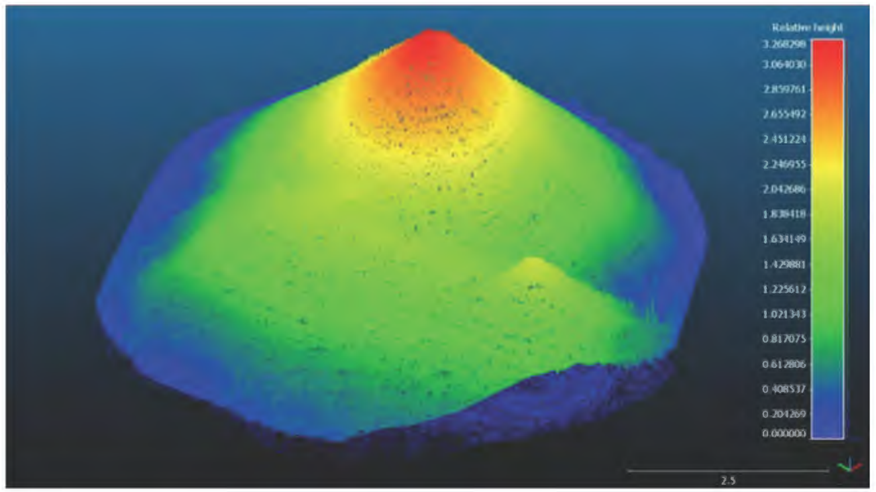
Stock Monitoring System

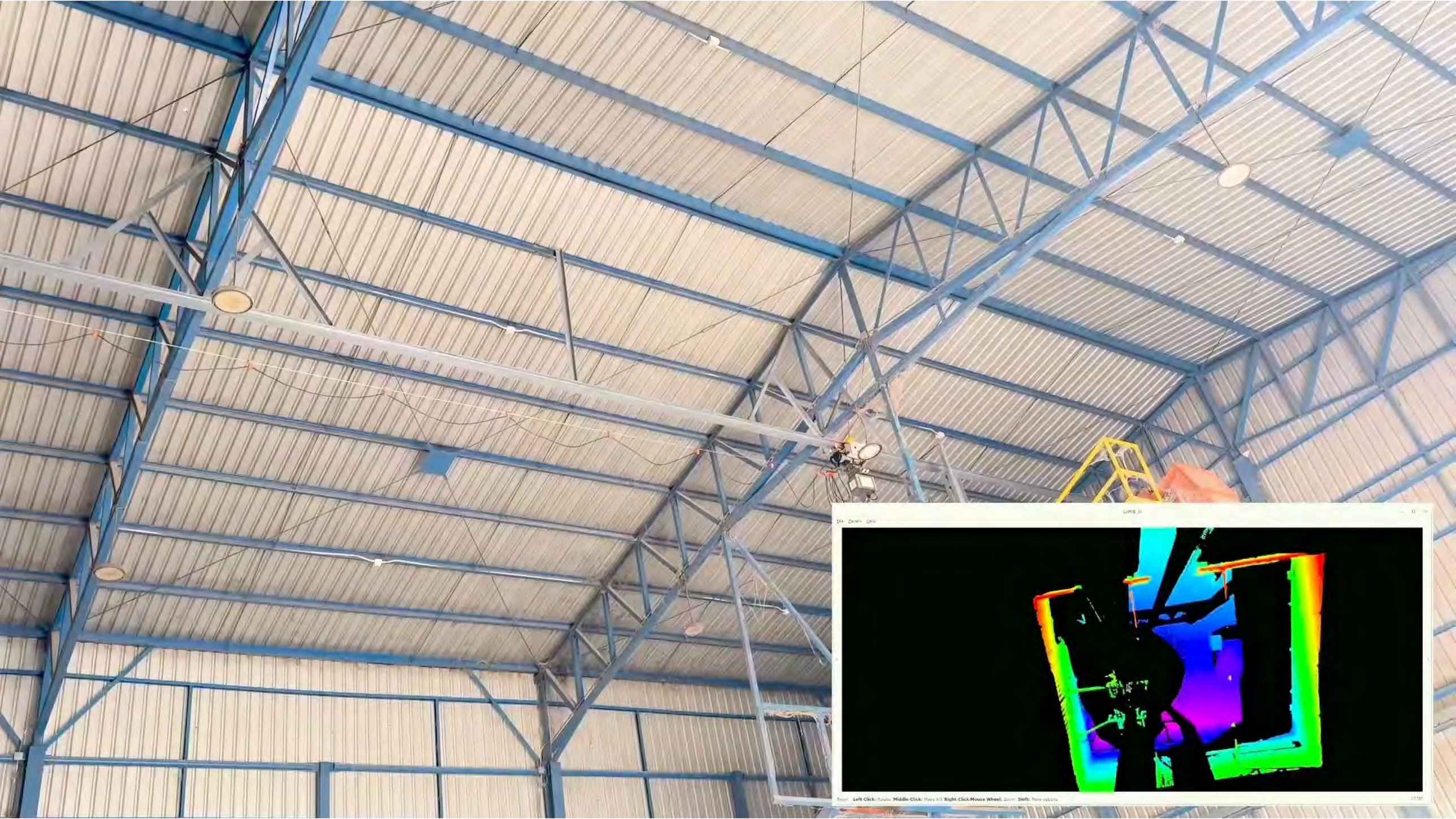
Stockpile Management











Success Case

KPAGRO
ALWAYS YOUR FRIEND

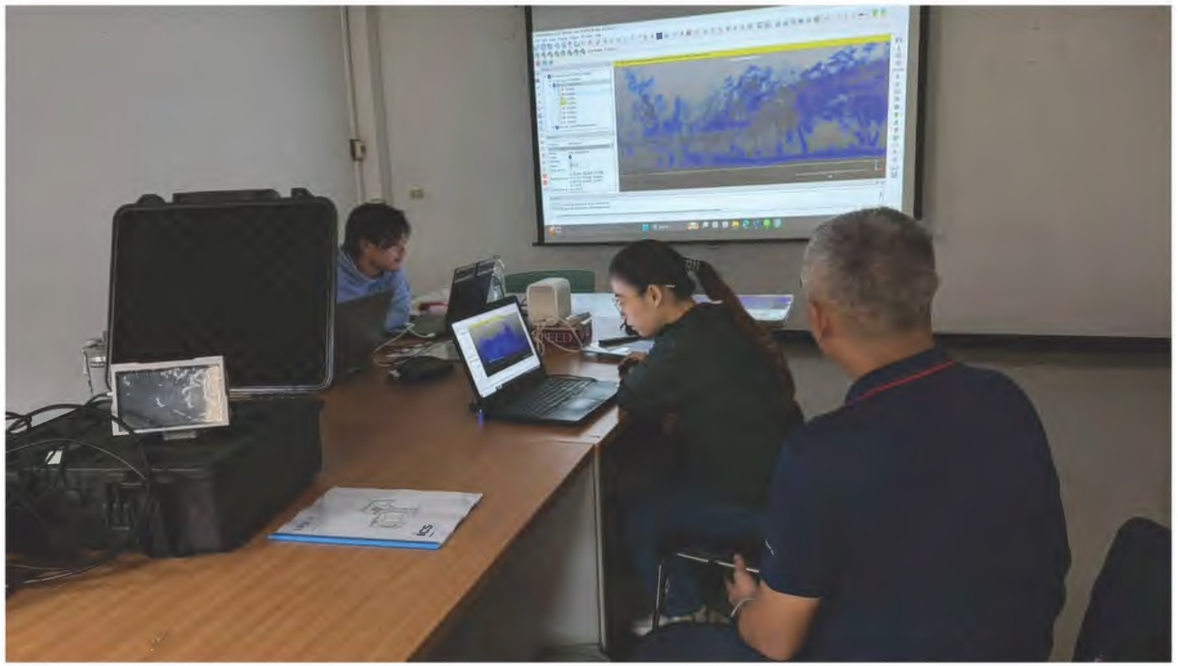
Corn cob Warehouse

Success Case

Nakhon Ratchasima
Rajabhat University

Success Case

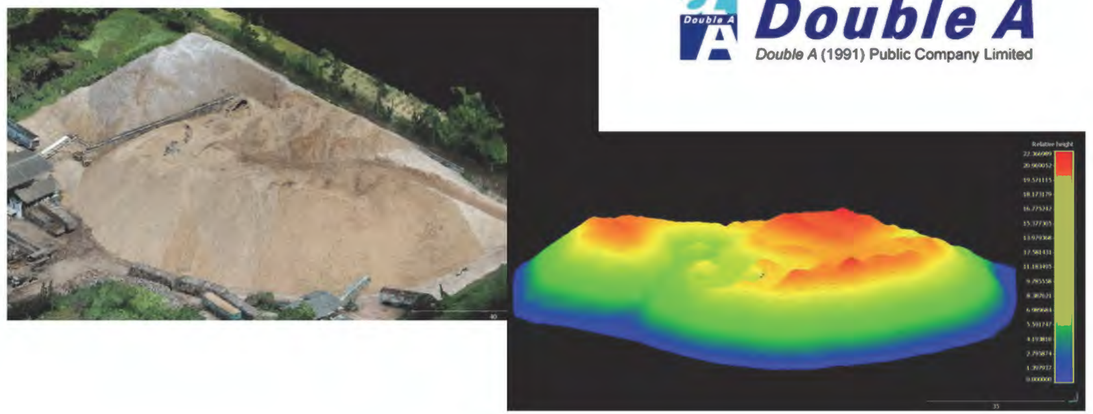
โครงการอนุรักษ์พันธุกรรมอันเนื่องมาจากพระราชดำริ
สมเด็จพระเทพรัตนราชสุดาฯ สยามบรมราชกุมารี (อพ.สธ.)



Success Case

Double A

Double A (1991) Public Company Limited



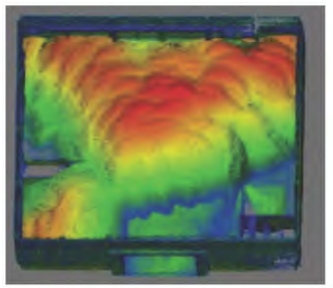
NPS

NATIONAL POWER SUPPLY

TSM

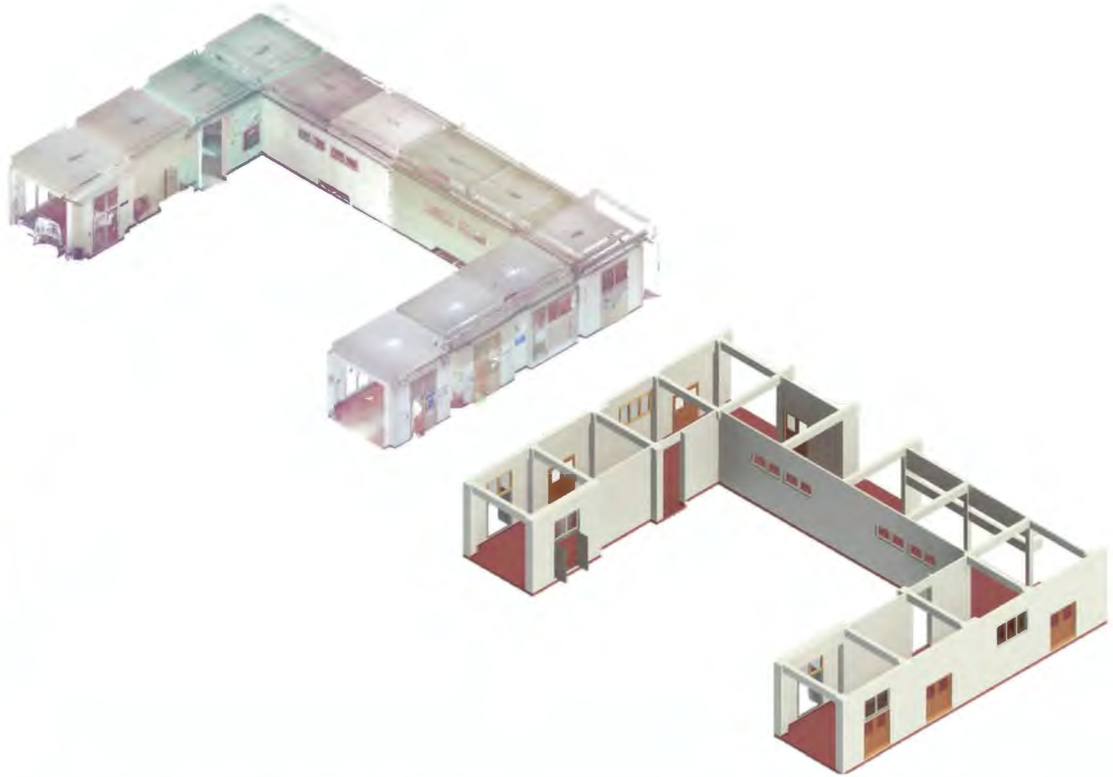
KPAGRO

ALWAYS YOUR FRIEND

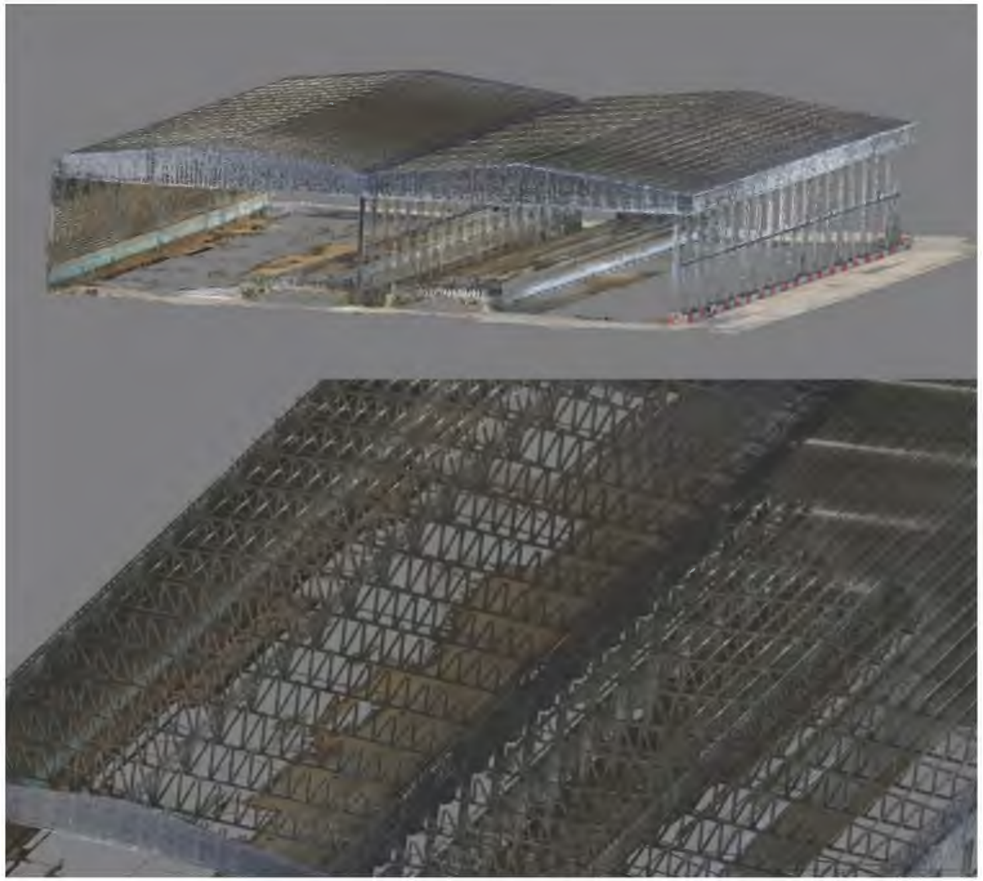


Building Information Modeling

Generate floor plans from point clouds



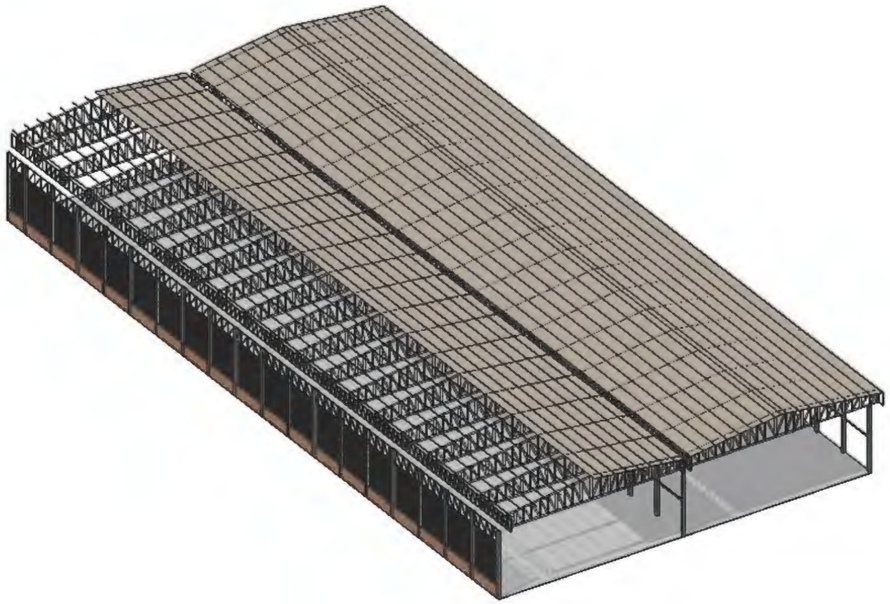
Building Information Modeling



Scan Results from LiPix

AUTODESK Civil 3D

SketchUp

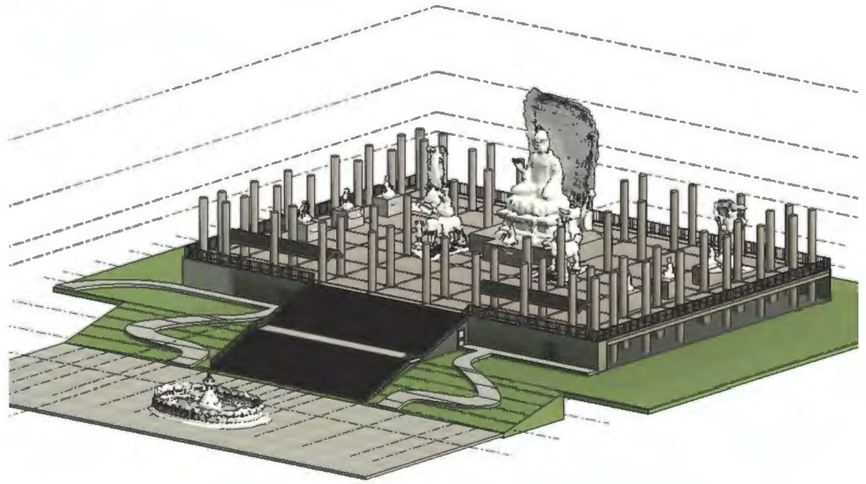


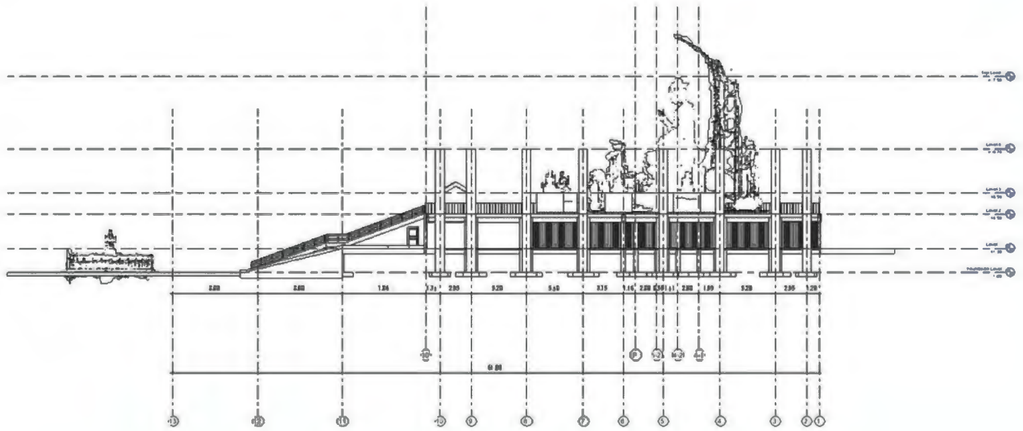
Civil CAD

3D Model Point Cloud Plan

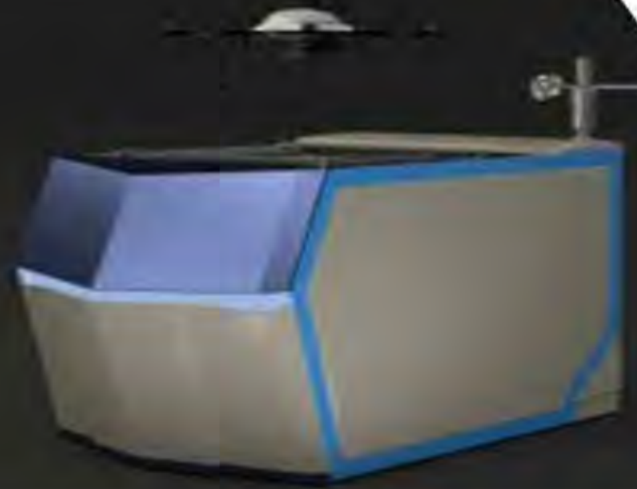
Results

3D Point Cloud

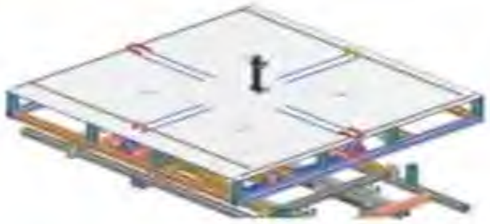




- Site Security
- Emergency Response
- Progress Monitoring
- Asset Inspection



ICS CUBE
DOCKING STATION



iCreativeSystems Co.,Ltd.
Email : contact.icsco@gmail.com Tel : (+66)97 078 1679

ICS CUBE DOCKING STATION

โครงการพัฒนาสถานีชาร์จและเชื่อมต่อสำหรับอากาศยานไร้คนขับ

HC-UAV
FORKLIFT ENTRY AREA

AirSight

We are Professional Drone Survey and Mapping

We are a young company driven to help achieving your business success. Our purpose is to analyze and take action against any problems your business encounter.

iCS
iCreativeSystems Co.,Ltd.

DRONTECH
ASIA 2024
DRONTECH
ASIA 2024

iCreativeSystems Co.,Ltd.

THIDARAT TANTRIRATN

CEO & CO-FOUNDER