

HEISHA Catalog

Operator

2024/8/15

**Provide flexible and rich
networking solutions**

For operators

01 One network

Dispatch all equipment

02 Minimized upgrade cost

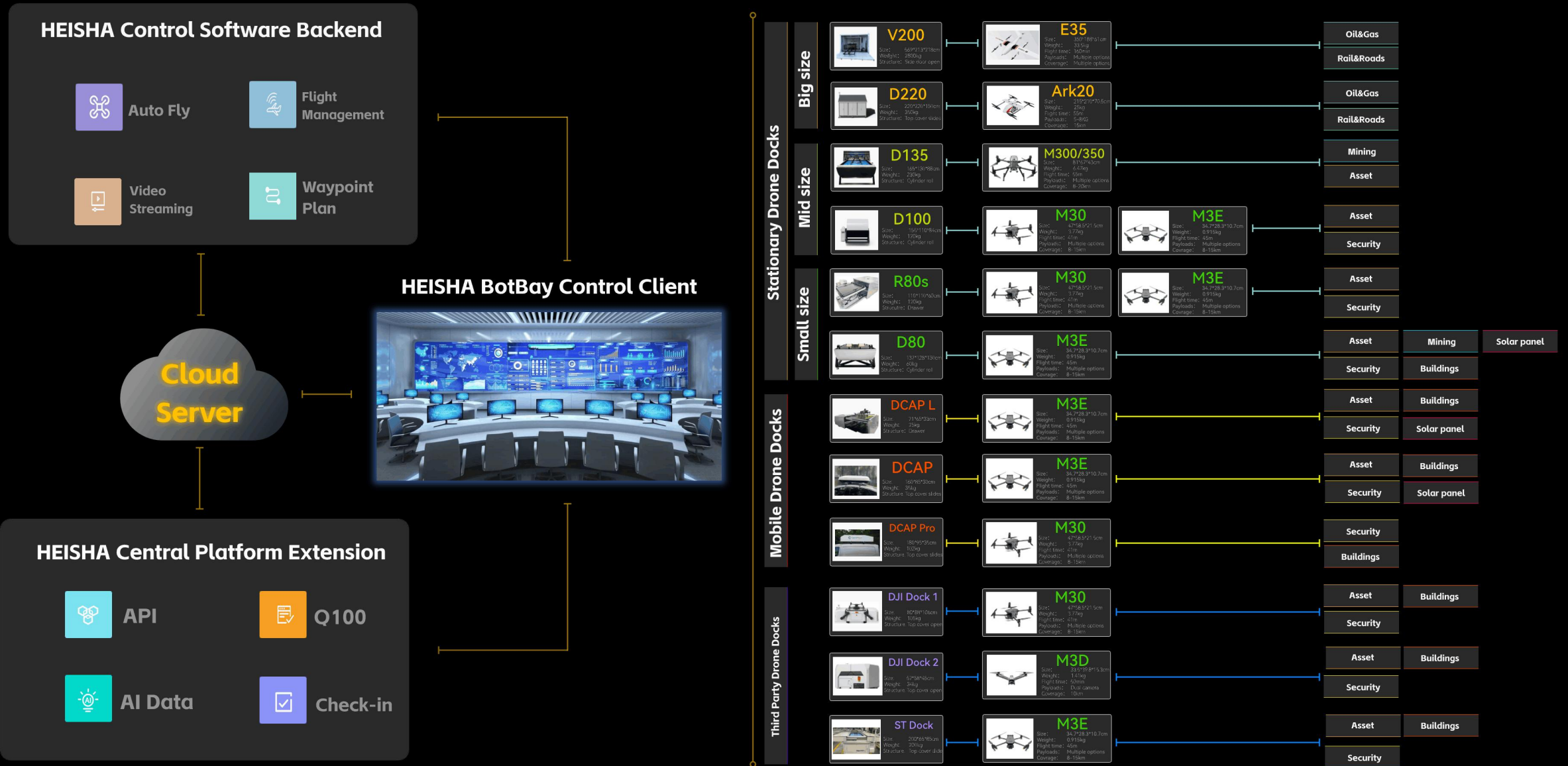
Upgrading of drones

03 Lowest cost

Ultra-low network construction
and maintenance costs

Software and cloud service

Hardware and sites



Heisha Docks

Compatible with

DJI drones

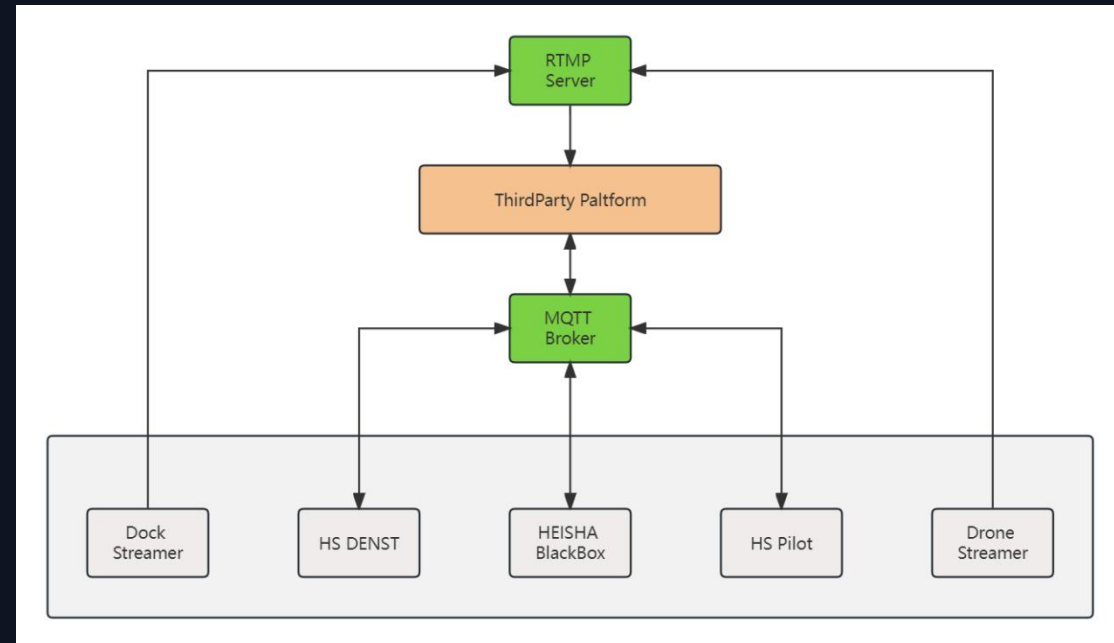
Open-source multi-rotors

VTOL/ Fixed-wings



Heisha API

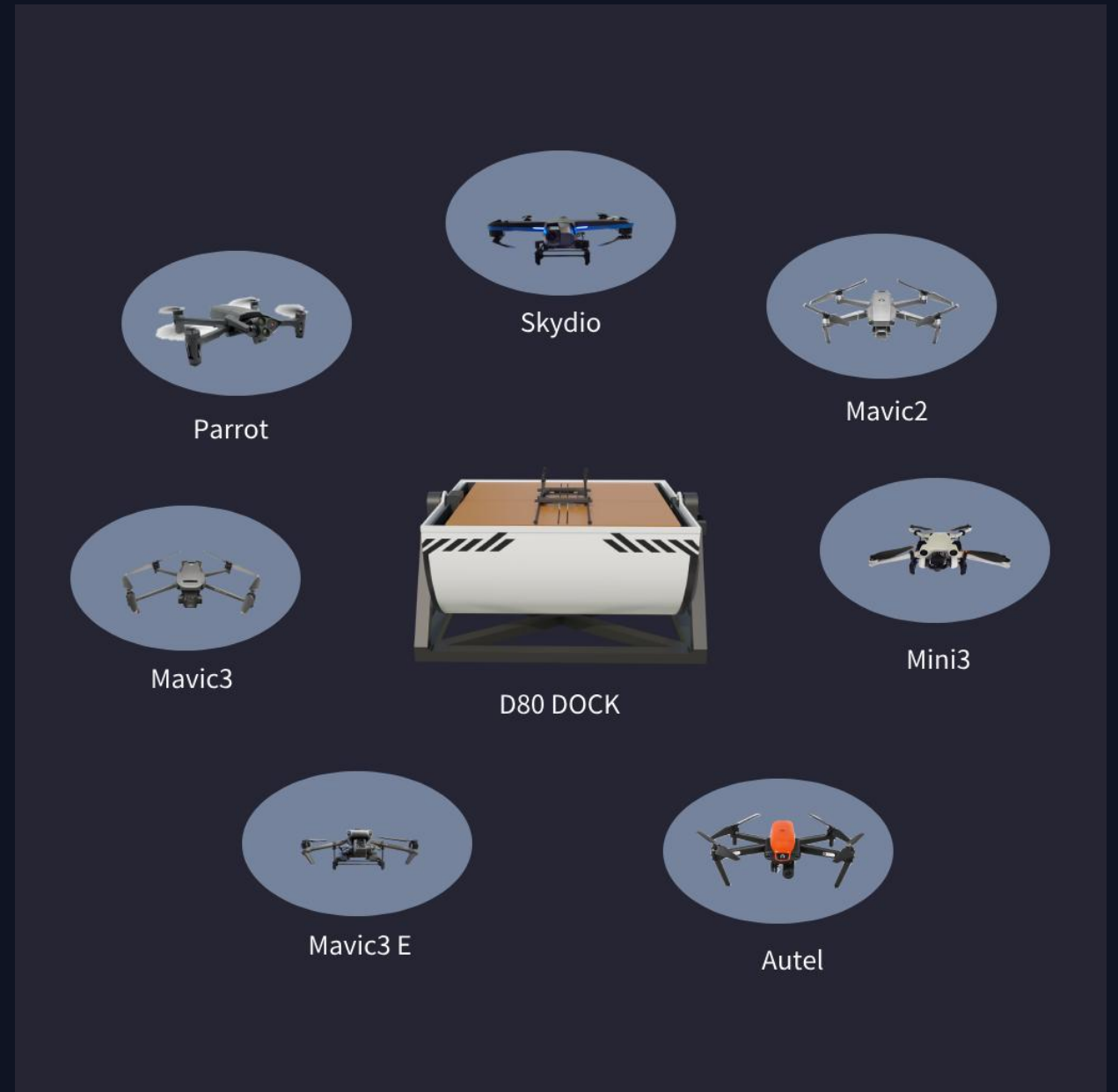
One API for all hardware, from
drones to docks



Low cost

Compatible with replacement drones

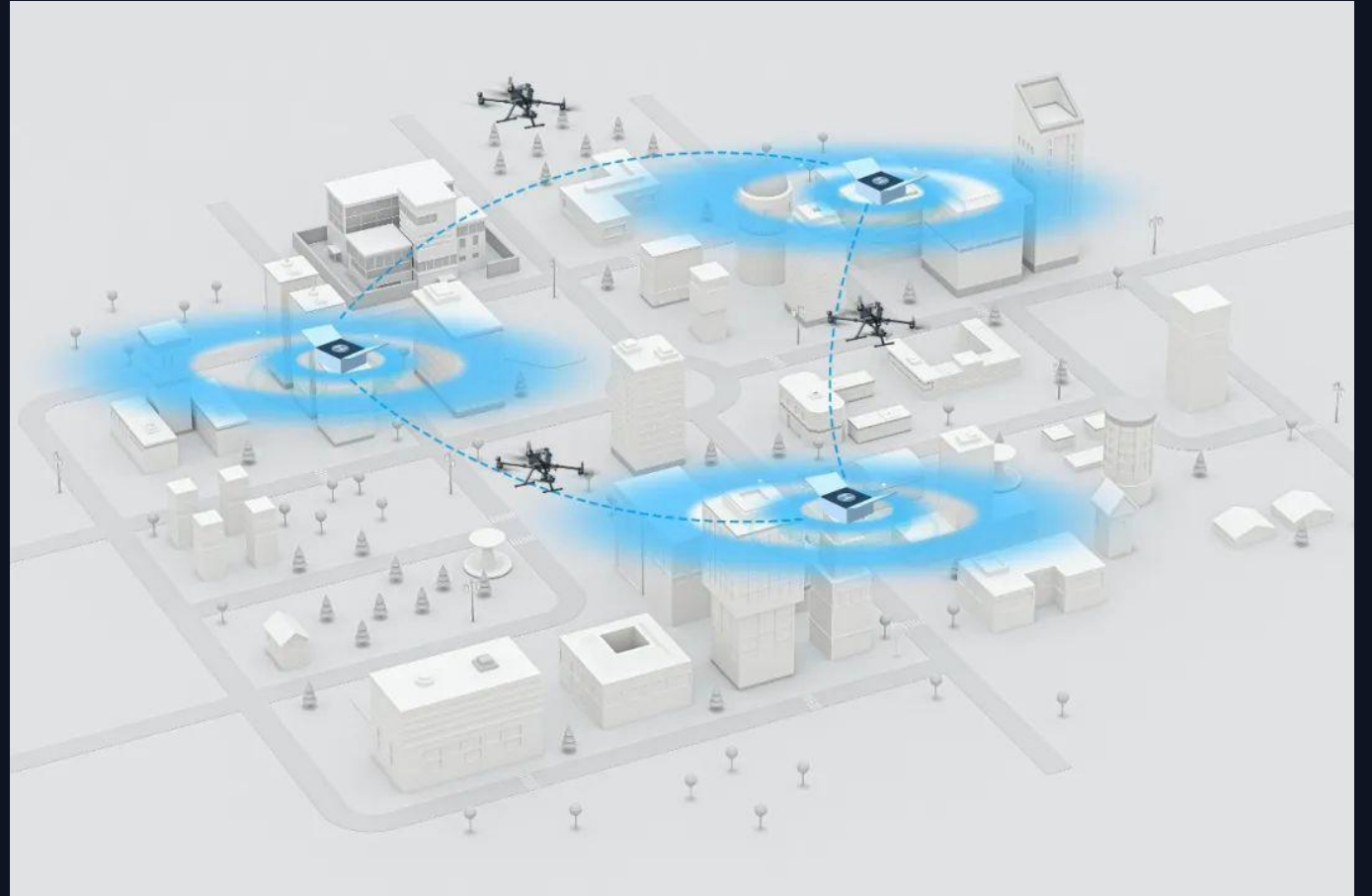
- Compatible - no fear of replacing other drones: to open up the hardware interface of different drones, to ensure that the dock can support all the mainstream aircraft on the market
- Replacement - no fear of discontinuing old models: low-cost upgrades to adapt to new drones.



UAV

Leadfrogging network

- Solve the problem of cross-airport flight control, and support long-distance network hopping flights of mainstream drones.



Remote maintenance OS Q100


The screenshot displays the Remote maintenance OS Q100 interface. At the top, there is a navigation bar with a user profile 'shengchan' and a 'Welcome to login' message. The 'Homepage' menu item is highlighted in red. Other navigation options include 'Maintenance', 'Communication status', 'Message center', 'Change password', and 'Logout'. Below the navigation bar, a secondary menu contains icons for 'Gateway', 'Canopy', 'Charge bars', 'Charge' (highlighted in red), 'Air conditioner', 'Remote control', and 'Weather station'. On the right side of the main content area, there is a 'Stow away' button with a left-pointing arrow.

Connection status
Online

Battery type	Charging status
4S	Not charged
UAV status	UAV status
No	Power off
Charging voltage	Charging current
17.6	0
Current charging temperature	Accumulated charging time
28.6°C	0
Battery capacity	
0	

Alarm information

- Error Code:102
- Error Code:101
- Error Code:2
- Error Code:1
- Error Code:3100
- Error Code:3000



CASES

Mexico Police Bureau, Guangzhou Urban Planning
& Design Survey Research Institute

Mexico Police Bureau



Background

Through 4 years' construction, 85 sites have been built, including 60 local docks, 20 HEISHA docks, and 5 DOCK1s. 3 different software systems have been acquired.

Pain points and needs: 1. The first 60 sites, all of which are MAVIC2, are now hoping to be upgraded to M3T by minimizing the cost. 2. Hoping to turn into a single network with unified scheduling. And in the future, we can purchase docks from different manufacturers according to the actual situation.

HEISHA's solution: \$1000/unit for upgrading to M3T, providing a new system control software, unified scheduling, including access to HEISHA, DJI, and local docks.



Canada police



Mexico police



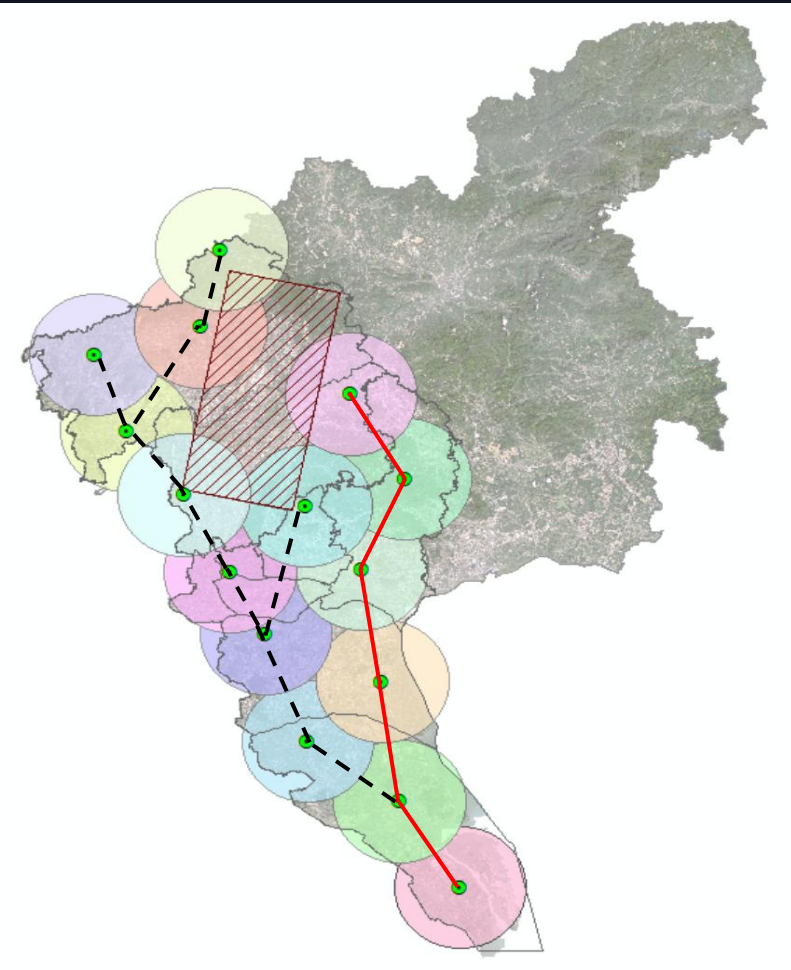
HK police



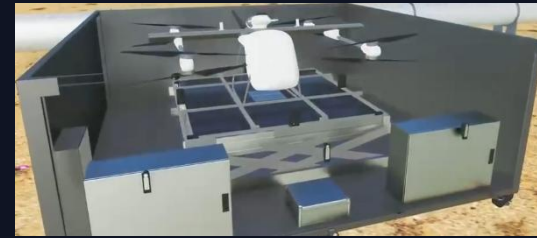
Belgium police

Police Security

GZPI



Weight	3T
Closed size	10.3*4.5*3.5 m



Weight	400kg
Closed size	3*2.9*1.2 m



Weight	34kg
Closed size	0.57*0.58*0.46



Size	3.2*3.2*1.2 m
Max. payload capacity	50kg



Size	2.15*2.1*0.75 m
Max. payload capacity	5kg/40km 10kg/20km



Size	0.215*0.21*0.7
Max. payload capacity	4kg

Background

Through years of accumulation, the head office and branch offices have built more than 27 sets of docks, including DJI, HEISHA

Pain Points and Needs: 1. We hope to use 5G mounted UAV (with tilt-shift effect) to realize 30km hopping point, and make a Guangzhou citywide mapping network, in order to realize full 3D data updating once every 3 days. 2. And it should be realized at the lowest cost. 2. Unify the original dock and the new network to be dispatched in one network.

HEISHA's solution: 1. Pheonix Wings Ark 20 + HEISHA D220 + MESH communication + tilt-shift lens payload, achieved citywide coverage with only 16 docks and 6 UAVs. 2. The customer realized unified scheduling of all docks according to the HEISHA API.

Strategic Partners



GZPI



Mexico Police
Bureau



Saudi Arabia

We build bot mansions

THANKS
