

## AREA SECURITY

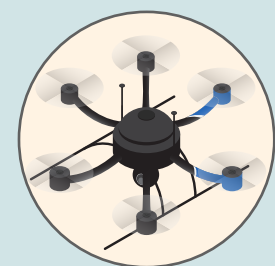
- Automated scheduled patrol
- Rapid response using pre-deployed drones in DroPorts
- Illegal activities and personnel detection
- Counter-drone surveillance and neutralisation

## INFRASTRUCTURE AND ASSET INSPECTION

- Automatic facade defect detection using artificial intelligence
- 3D reconstruction
- Asset monitoring
- Construction progress monitoring

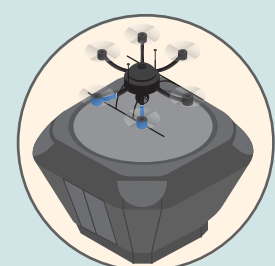
Optimised for operations in an urban environment, DroNet is an end-to-end system solution that applies advanced unmanned technologies such as drones to carry out specific tasks or services. Harnessing the power of networking, video analytics and data sharing, DroNet is able to provide solutions for autonomous applications including perimeter security, asset inspection and lightweight deliveries.

## DroNet's KEY COMPONENTS



### Drone

- In-house developed DrN series drones
- Capable of Beyond Visual Line-of-sight operations via 4G/LTE communication
- Up to 40 minutes endurance with a maximum payload capacity of 3kg
- Compliant with BVLOS requirements



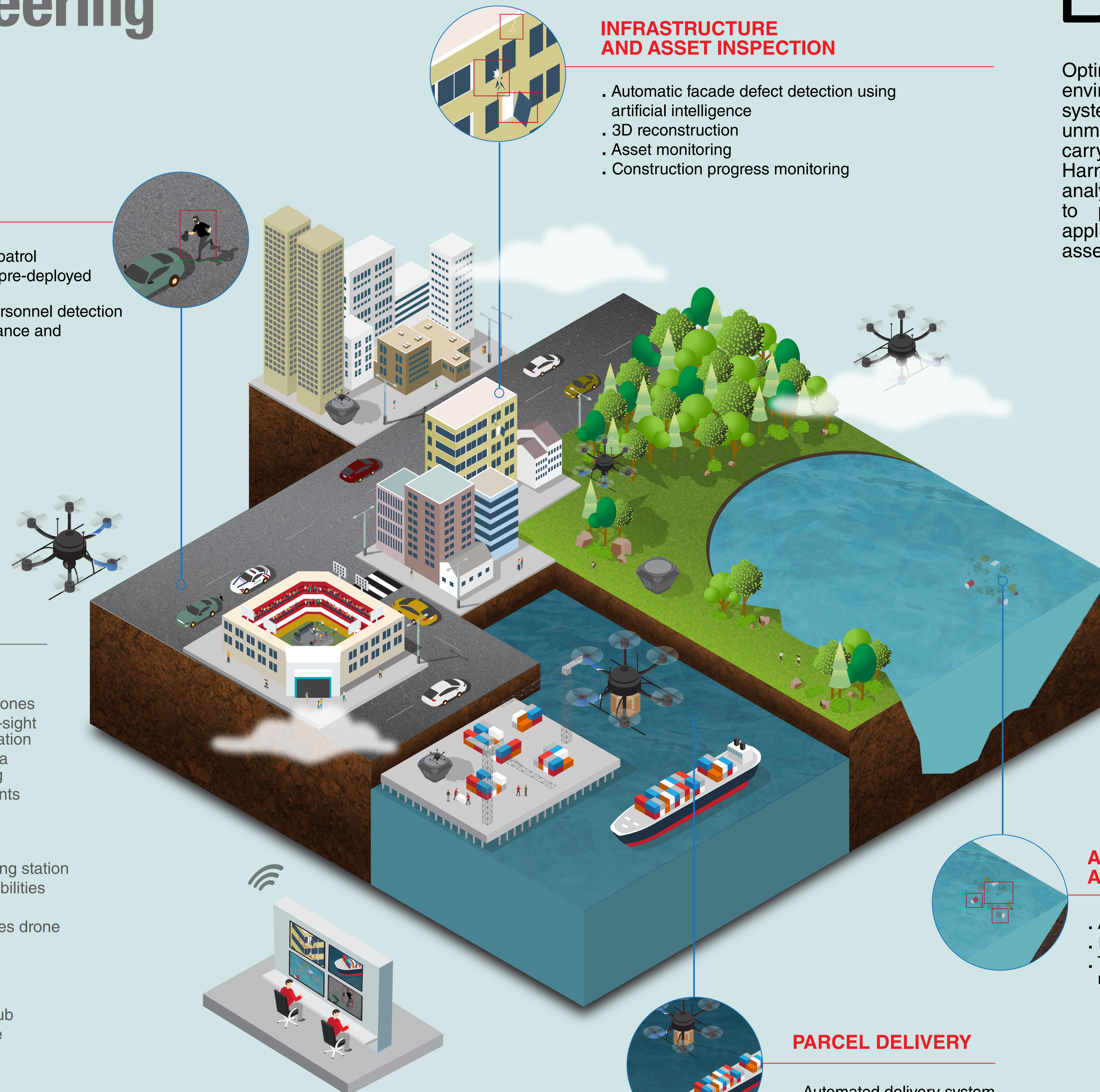
### DroPort

- Weather-proof charging and docking station
- Automated battery-swapping capabilities
- Supports remote deployment
- Precision landing capability ensures drone lands safely



### DroHub

- Centralised command & control hub
- Incorporates automation to reduce operator workload
- Enables multiple drones operation



## AREA MAPPING AND MONITORING

- Area mapping with specialised sensors
- Environmental monitoring
- Teaming with ground sensors for detailed measurements

## PARCEL DELIVERY

- Automated delivery system
- Precise landing at destination
- Intra-city or shore-to-ship deliveries
- Secured authentication system