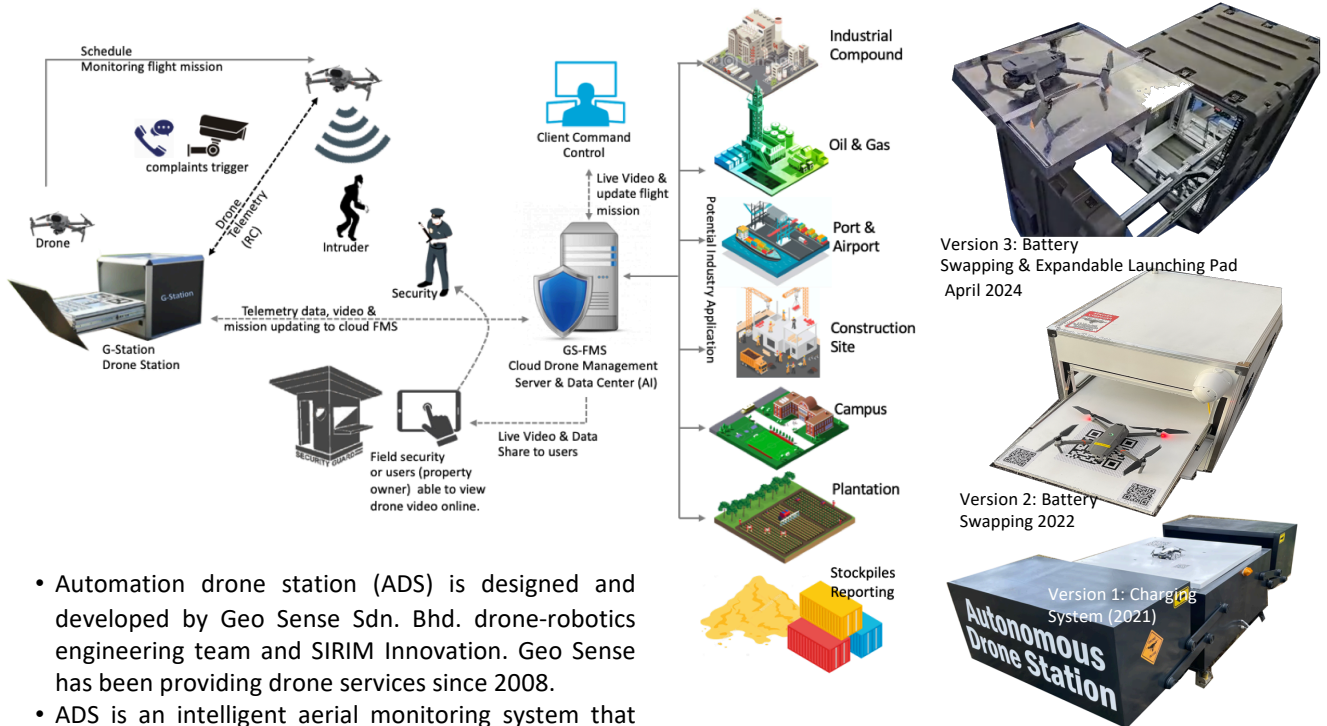


## GEO SENSE | Autonomous Drone Station (ADS) for Intelligent Aerial Monitoring and Surveillance

Take your parameter security to the next level by enabling drone monitoring 24/7



- Automation drone station (ADS) is designed and developed by Geo Sense Sdn. Bhd. drone-robotics engineering team and SIRIM Innovation. Geo Sense has been providing drone services since 2008.
- ADS is an intelligent aerial monitoring system that enable drone being operate via cloud with integrated Artificial Intelligence (Ai) - making human pilot operator optional.
- ADS consists of three (3) main components :-



### Ai Drone

- ADS is open to integrate with any drone platform and Ai system.

- The brain of ADS is cloud based drone flight management system, GS-FMS, enable user to set the flight planning parameter, area of coverage and live drone video feeds. GS-FMS enable scheduling and ad-hoc flight mission. Scheduling is by choosing, time and repetition of monitoring while ad-hoc is a hot-button that enable drone to fly directly to the area of required attention for eg. crime or accident reported area.
- The live video can be shared within the authorized users group, the data is stored in GS-FMS big-data (cloud) and analyze for reporting and action plan. ADS increases respond time to any crime or emergency spot to less than 5 min. responds time within 2 km radius coverage area.
- Should there is no mobile network coverage such as 4G or 5G at the ADS deployment area, ADS can be connected to the nearest available mobile network via ADS wireless gateway or Satellite Comm.
- ADS is the most practical and economical solution to your 24/7 aerial security and surveillance requirements.
- Contact Geo Sense team for more information.

Designed & Developed by



Collaboration:



# AUTONOMOUS DRONE STATION

Making drone works 24/7



**ADS Subscription**  
Apps-Video Hosting & Artificial Intelligence

