



MIRAIVISION – *ELEVATE THE FUTURE*

BY MIRAIVISION

OUR COMPLETED WORKS

SMART HOME PRODUCTS



- GATEWAY**
 - Acts as the converging point for gather data from various end devices in the Smart Home system.
 - Interacts with and control all VinSmart's Smart Home devices as well as being compatible with popular 3rd party products such as Philips Hue, Samsung SmartThings, etc.
 - With edge processing and cloud synchronization, enabling full automation and smart functionalities to the customer home.
- ENVIRONMENTAL SENSOR**
 - Captures vital and relevant environmental data for the user, such as PM2.5, Air Quality Index, Temperature, Humidity, etc.
 - Supports LCD display to allow user to quickly glance and absorb information.
- MOTION SENSOR**
 - Sensor to detect motion, and relay this information back to the gateway.
 - Battery Powered, designed for extended operational life span.
- RGB Led controller**
 - Connect to control RGB light strip using ZigBee connection, then to RGB strip to regulate color/brightness of the RGB Light Strip, several Operating Modes such as Dimmable, Ambience, Dynamic, etc.
- Smart Switch**
 - Replaces the standard switches in the house with a simple, straight replacement procedure.
 - Enable wireless functionality to the switches and allow them to be controlled remotely.
 - Wide range of models to fit all needs with varying number of buttons, dimming functionality, high capacity functionality, etc.
- IR Controller**
 - Infrared Remote Control, able to control infrared devices in the house, such as TV, Aircon, Blower/Fan, etc.
 - Learning functionality to enable user to teach new commands for lesser known devices.
- Water Leak Sensor**
 - Sensor to detect water leakage, and relay this information back to the gateway.
 - Battery Powered, designed for extended operational life span.
- Door Sensor**
 - Sensor to detect status of accompanying doors/windows, and relay this information back to the gateway.
 - Battery Powered, designed for extended operational life span.

Products are still in development and are subject to change.

01 Smart Home

We led Vingroup's smarthome institute in designing, developing, and implementing all smarthome solutions for Vinhomes' urban areas. The solutions include more than 20 different types of IoT devices connected and controlled through a powerful IoT platform, enabling control and management of hundreds of thousands of different smarthome devices to bring convenient and modern living to residents

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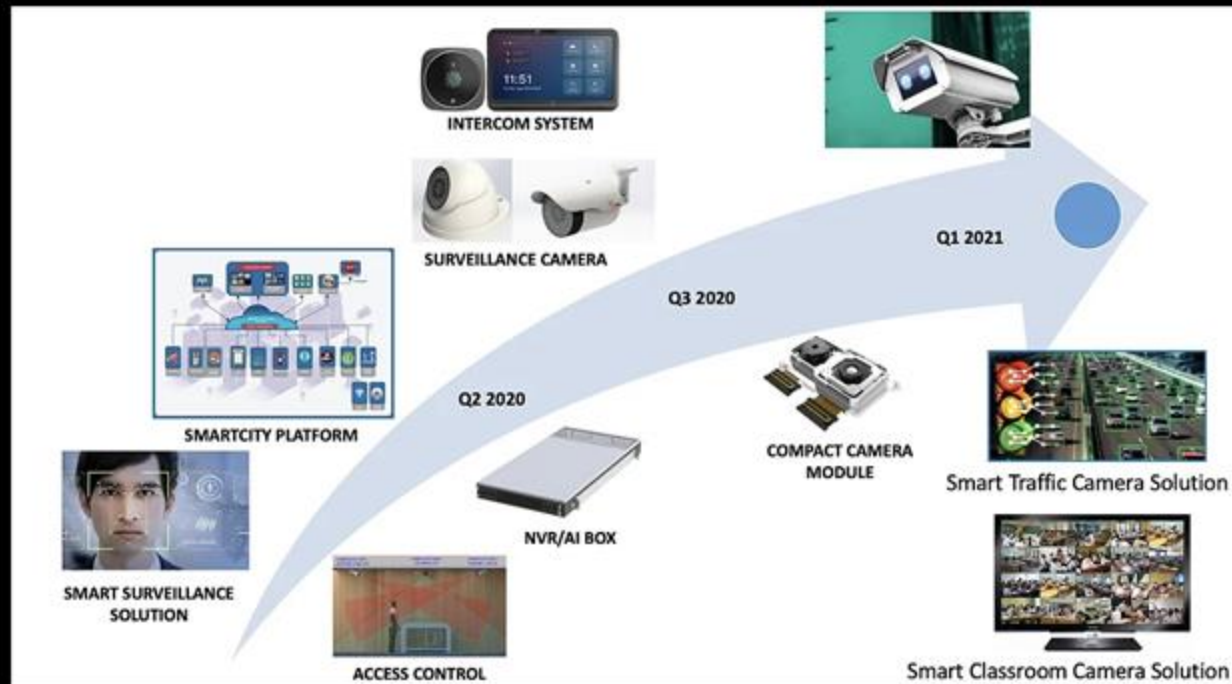
OUR COMPLETED WORKS

02 Smart City

We led Vingroup's SmartCity Center in designing, developing, and implementing all SmartCity solutions for Vinhomes' urban areas. The solutions connect, manage, and control various utility systems in the urban areas, including central operating systems, smart parking, multi-level elevators, air conditioning, lighting, intelligent security surveillance cameras, smart intercom, smart access control, firefighting systems, water and air quality management systems, to applications for residents and operating staff, to efficiently manage and operate all activities in the urban areas.



OUR COMPLETED WORKS



03 Camera-related products and solutions

We led Vingroup's Camera Research and Development Institute in designing, developing, and implementing an ecosystem of camera products from camera modules to surveillance cameras, intelligent cameras, and camera application solutions such as video doorbells, parking management, access control, and centralized intelligent surveillance systems that apply AI to quickly detect unusual events in Vinhomes's SmartCity.

OUR COMPLETED WORKS

04

Autonomous vehicle data collection, analysis and validation system

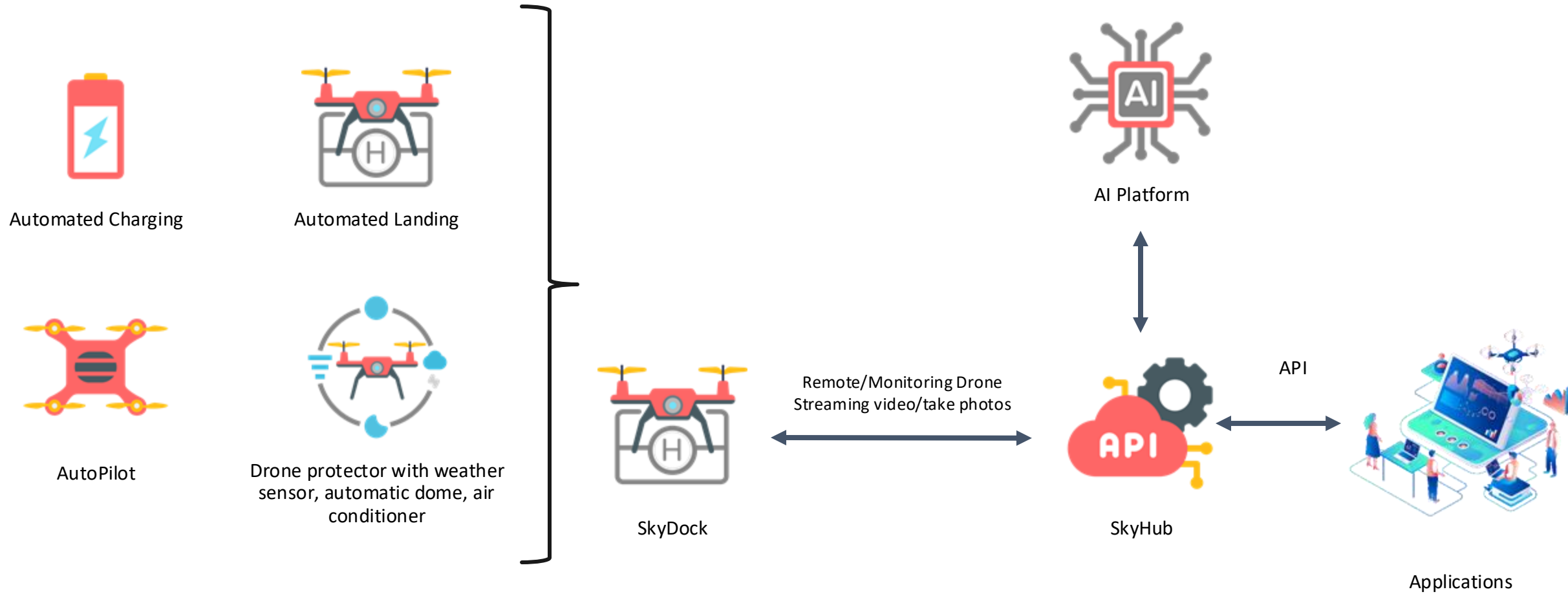
We led VinFast's data collection, analysis, and validation center in designing, developing, and implementing an Autonomous Vehicle data collection, analysis, and validation system. The system is a combination of hardware including 8 cameras, 1 lidar, a log collection system, driver and technician tagging, and software systems for storage, processing, analysis, and evaluation of the accuracy and reliability of the autonomous features on the vehicle



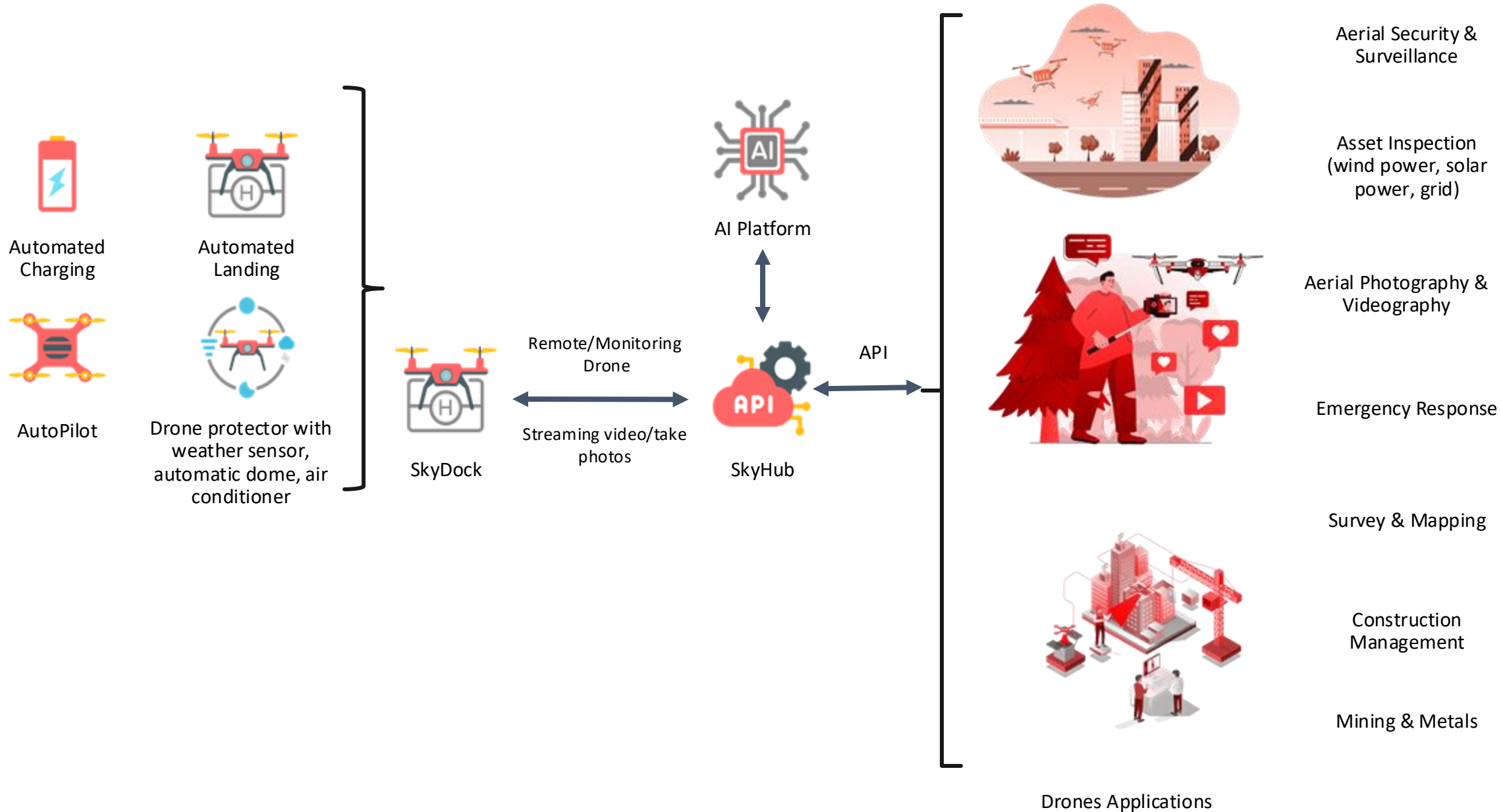
MIRAIVISON'S PRODUCTS

 **SKYVISION**
ONE STOP SOLUTION FOR AUTONOMOUS DRONE IN A BOX

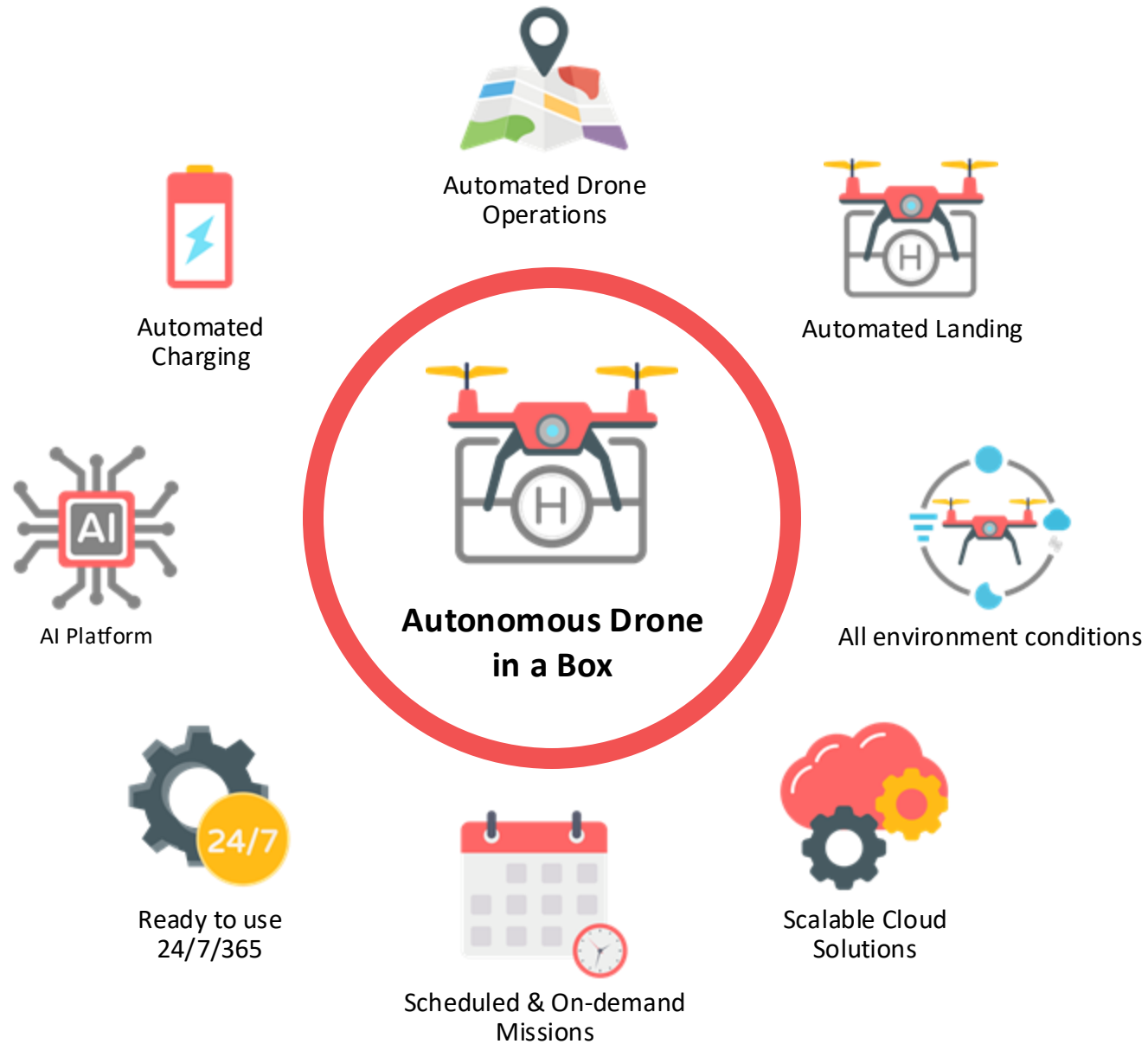
OVERVIEW



SkyVision Platform



Main Features



SKYDOCK IMAGES



Technology



Camera



Drone



AutoPilot



AI/Computer
Vision



Auto Charging



Auto Landing

SKYBOOTH (website:skybooth.vn)

ELEVATE YOUR MOMENTS



Customers choose the location/sample of photos/videos they want to take



Enter instant message ID/phone number to send the link to download photos/videos



Payment/deposit via QR code/ e-wallet



Send a link in message containing information guiding customers to the shooting location + countdown



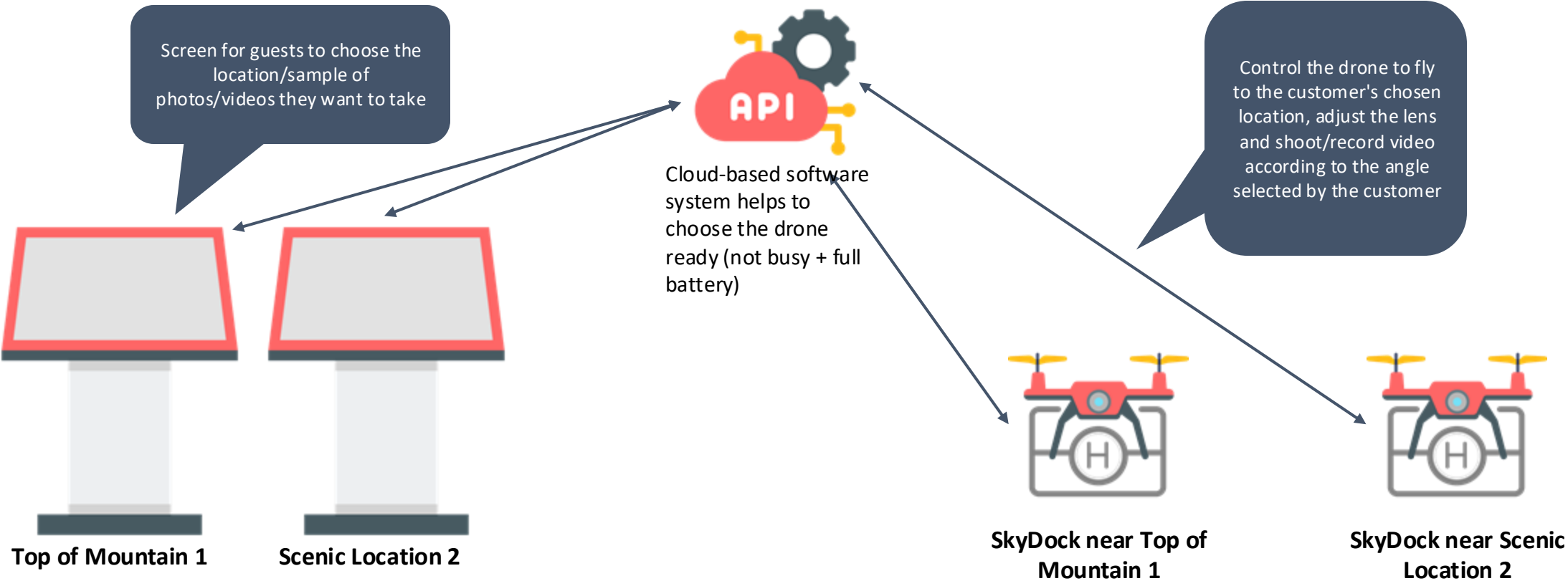
Take photos/capture videos:
- Customers should position themselves as instructed on the display screen.
- After a specified interval shown on the screen, the system directs a drone to the designated spot.
- The system will automatically take some photos.
- In the case of video recording, the system will initiate a few minutes video session as selected.
- After completing its task, the drone returns to its docking station to recharge and standby for the next command.



Send photos/videos or download links to customers

SKYBOOTH

ELEVATE YOUR MOMENTS



Multiple touch screen depending on needs

PRODUCT IMAGES DEPLOYED AT KISS BRIDGE PHÚ QUỐC FOR SUNWORLD- THE LEADING CREATIVE ENTERTAINMENT BRAND IN VIETNAM



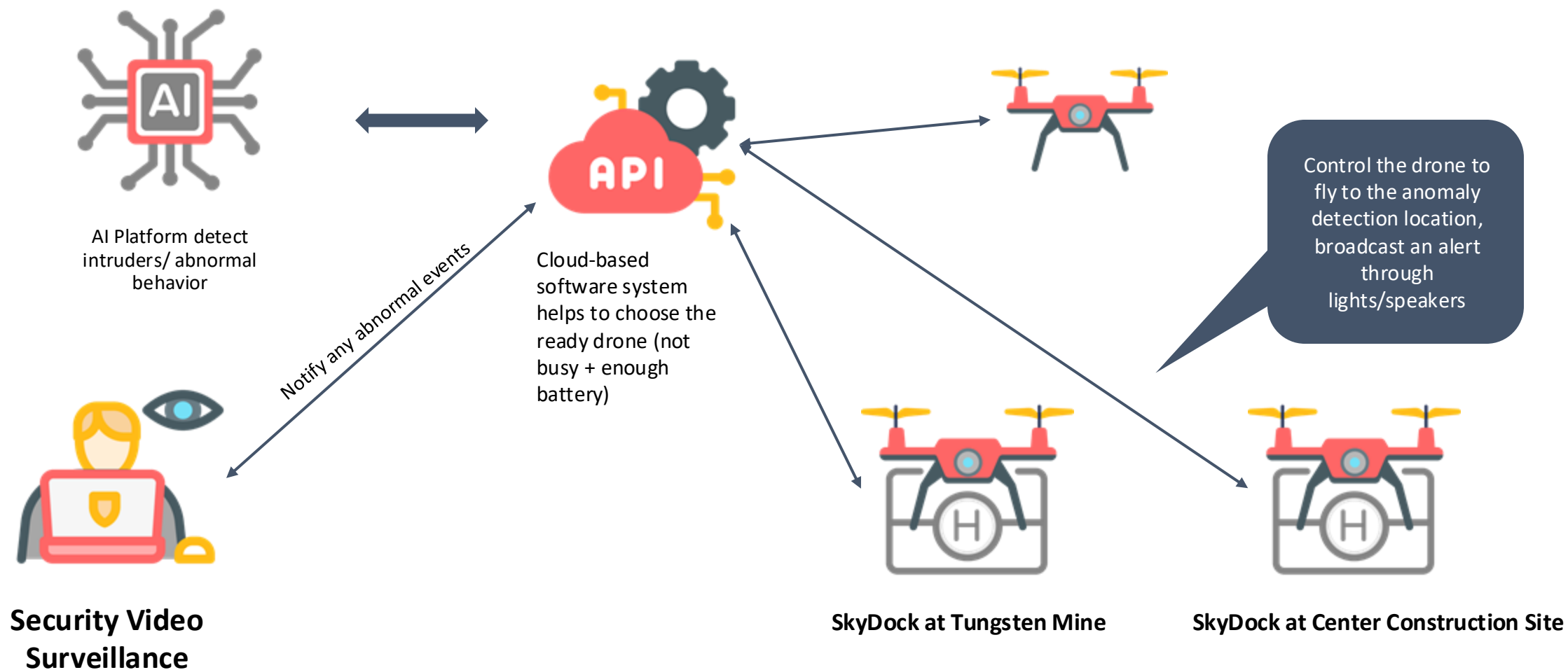
PRODUCT DEMONSTRATION VIDEO IN A REAL-WORLD ENVIRONMENT



<https://youtu.be/N6MxCYH8QNU?si=TBqyvdm-nvdlFypK>

CASE STUDY– SKYGUARD

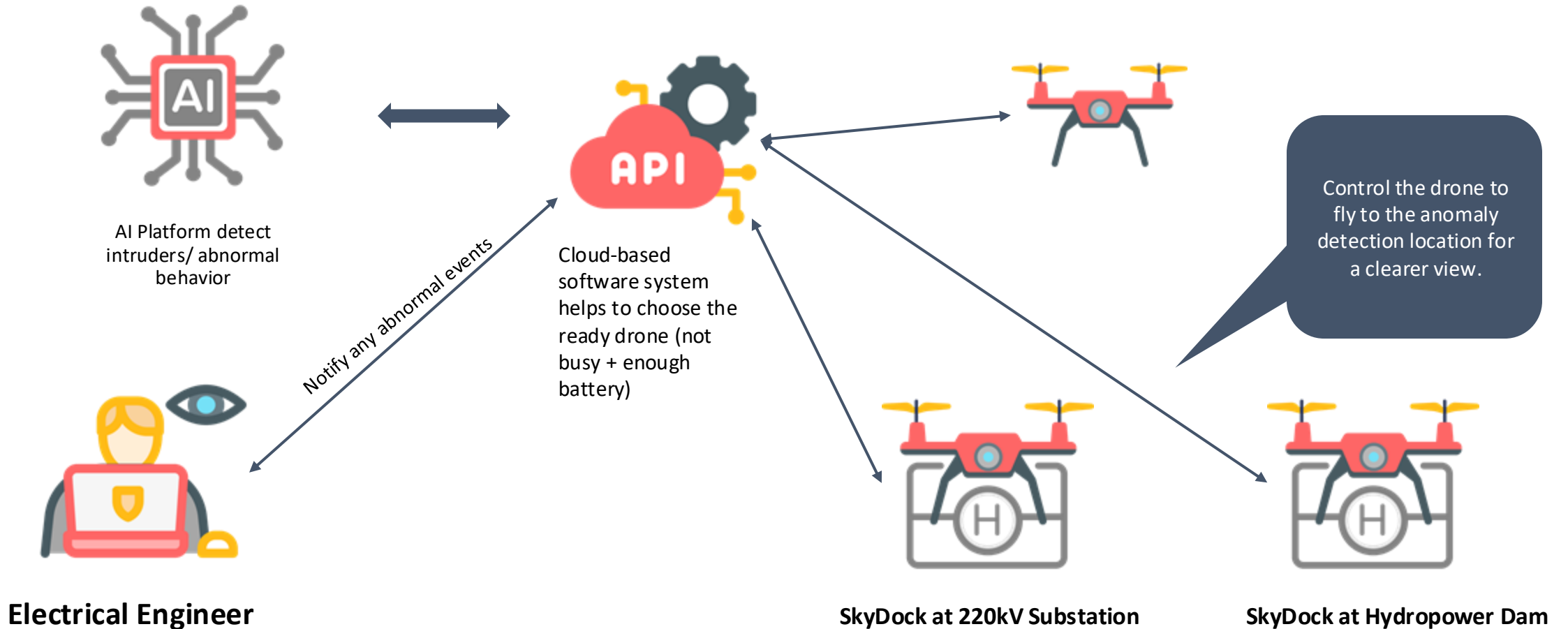
KEEPING WATCH FROM ABOVE



(*) The project is being developed to monitor the largest tungsten mine in Vietnam.

CASE STUDY– SKYGRID

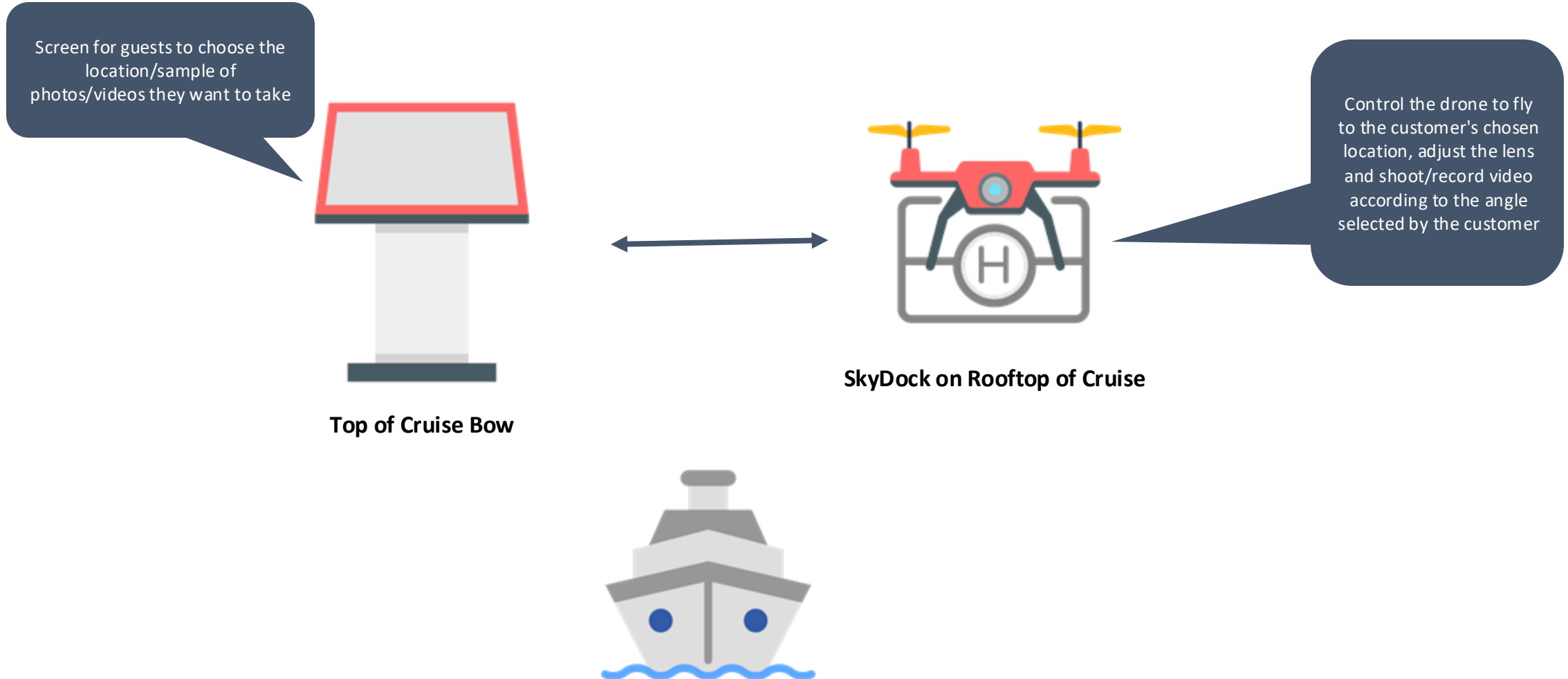
KEEPING WATCH FROM ABOVE



(**) Collaborating with a university in Australia to develop data collection and anomaly monitoring solutions for the electricity transmission system in Australia.

CASE STUDY– SKYCRUISE

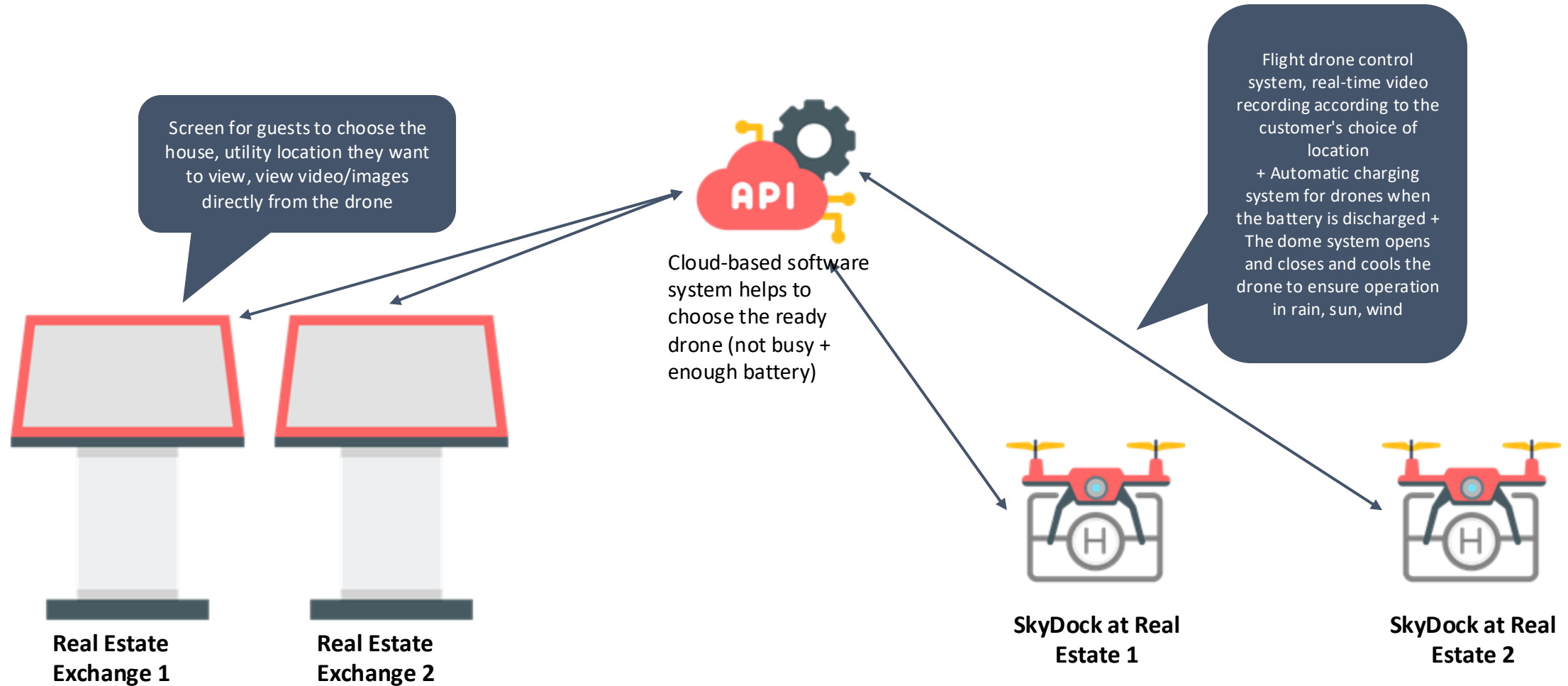
ELEVATE YOUR MOMENTS



(***) Working together on a demo with a Vietnam's luxury boats company, with many cruises in Ha Long Bay.

CASE STUDY– SKYVIEW

ELEVATE YOUR REAL ESTATE EXPERIENCE

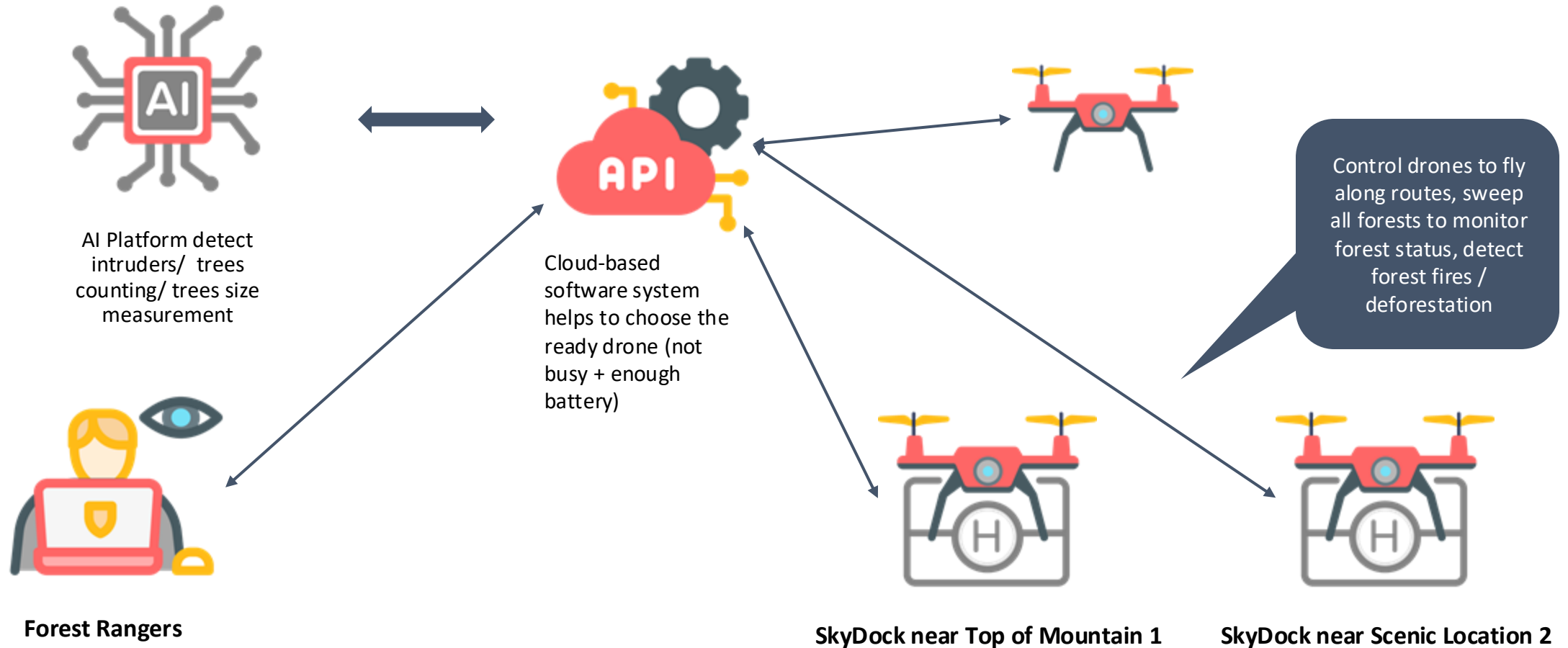


Multiple touch screen depending on needs

(***) Working together on a demo with Vietnam's leading real estate company.

USE CASE – SKYSENTRY

PROTECTING FORESTS FROM ABOVE



(****) Working with a Japanese company to address the issue of forest health monitoring.



THANK YOU

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