PERCEPTO

C L O U D
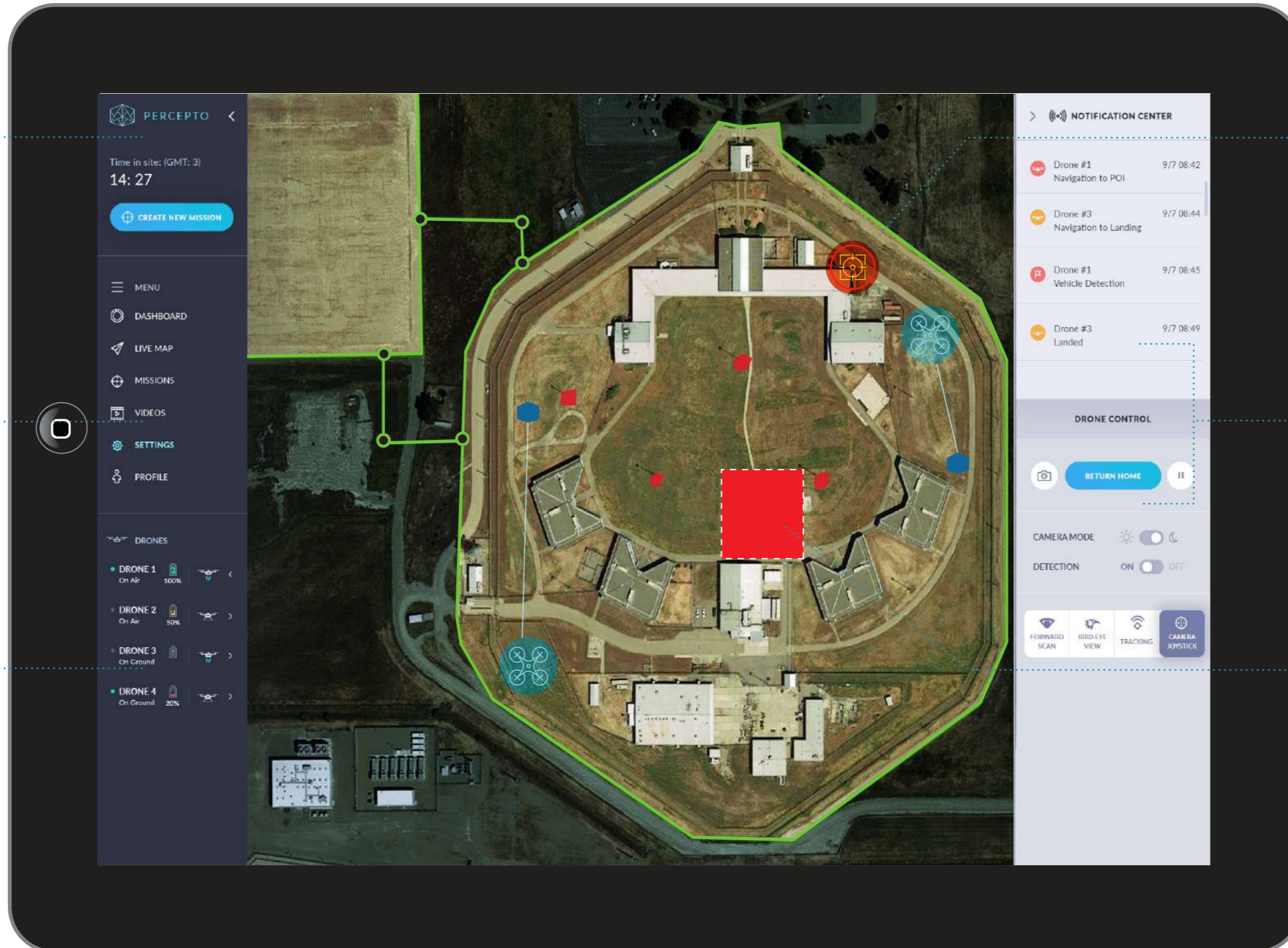# **MANAGEMENT**
SYSTEM (CMS)
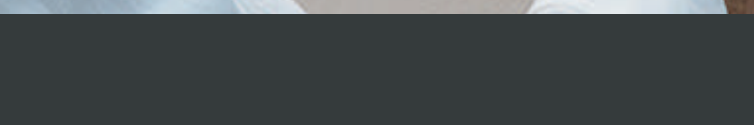
MISSION PLANNING

The PerceptoCore™is the heart of the autonomous Sparrow drone. Combined with powerful Percepto technologies, the PerceptoCore guides the Sparrow to safely conduct any mission and return to the Percepto Base with zero human intervention.

DATA MANAGEMENT

The CMS sends push notifications and real-time data to relevant site personnel. In addition, the CMS archives every mission enabling post- mission data retrieval, analysis and investigative tool.

MULTI DRONE/SITES OPERATIONS

Operators are able to simultaneously deploy a number of drones in various sites.

FLY TO ALERT

Integrated with the sites' Video Management System, the drone is able to respond to any ground sensor alert and automatically fly to the location, providing visual confirmation on alert location in a manner of minutes.

REAL-TIME OPERATIONS

Operators in the control room are capable of deploying a drone on-demand to any location within the site. They can control the type and angle of the camera feed in real-time.

SAFETY PLANNING

Operators are able to add no-fly zones, free-fly zones, flight ceilings, points of interest, emergency landing zones and more to ensure the safety of the site and system.

Interface elements (screenshot)

PERCEPTO

Time in site: (GMT: 3)
14: 27

CREATE NEW MISSION

MENU
DASHBOARD
LIVE MAP
MISSIONS
VIDEOS
SETTINGS
PROFILE

DRONES
- DRONE 1 — On Air — 100%
- DRONE 2 — On Air — 50%
- DRONE 3 — On Ground
- DRONE 4 — On Ground — 20%

NOTIFICATION CENTER

- Drone #1 — Navigation to POI — 9/7 08:42
- Drone #3 — Navigation to Landing — 9/7 08:44
- Drone #1 — Vehicle Detection — 9/7 08:45
- Drone #3 — Landed — 9/7 08:49

DRONE CONTROL

RETURN HOME

CAMERA MODE
DETECTION — ON / OFF

FORWARD SCAN | BIRD EYE VIEW | TRACKING | CAMERA JOYSTICK

WHO WE ARE

Percepto provides fully autonomous drone systems which automate security and inspection tasks in industrial sites. Our mission is to deploy drones that operate and conduct tasks throughout sites with no human intervention.

THESE ARE OUR FOCUS AREAS GUIDING US TO MAKE THE BEST SOLUTION OUT THERE:

AUTONOMY - KEY FOR SUCCESS

Percepto's autonomous technologies allow our drones to be deployed on-site, automating inspection, safety and security routines.

VALUE ↑ COST ↓

Autonomous drones execute multiple tasks 24/7 while reducing site costs and increasing site productivity.

SAFETY FIRST

When it comes to safety - we make no compromises. Percepto system meets the highest safety and regulation standards for commercial drones.

INDUSTRY GRADE SYSTEM

We develop high performance, rugged, systems to support outdoor deployment and continuous operation.

For more information contact:

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