

Unmanned Aerial System Position Ranking & Analysis System (UAS-PRAS)

MAPPING AND ANALYSIS – Uses & Applications

UAS-PRAS software is a Counter-Unmanned Aerial System Siting Planning and Control Tool, used for selecting and deploying Sensors, Trackers and Effectors, as well as mapping areas of possible UAS Launch Sites. It provides detailed UAS assessments for defensive event, aviation security and other counter-UAV work.



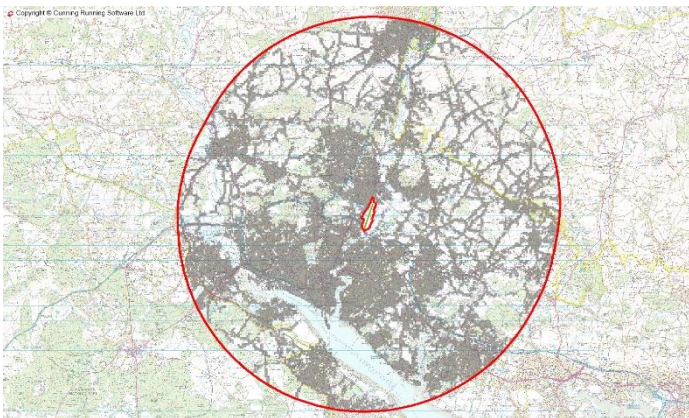
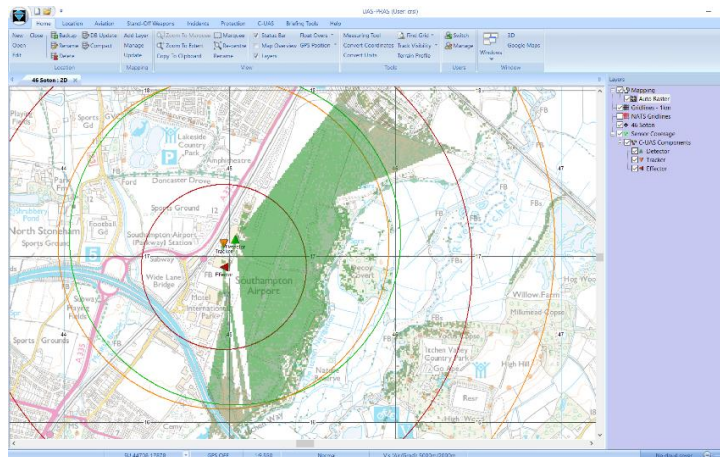
- Vulnerability Assessment Tool
- Sensor Siting and Planning
- Identifies potential UAS Launch Areas
- Reduces the risk of illegal filming or delivery
- Mitigates the incursion of UAS
- Aid to capture and prosecution of UAS Pilots

Left: AUAS C-UAS Equipment showing Detector, Tracker and Effector

Aids in protection of:

- Ports and Airports
- Critical National Infrastructure
- Prisons
- Sports Venues
- VIP Routes

Right: Example of Siting of C-UAS components (Detector, Tracker and Effector) displaying visibility footprint against a UAS



Helps to answer the questions:

- What C-UAS Components do I need?
- Where should I site them?
- What Coverage will I achieve?
- Where do I need additional resources?
- Where are the Pilots likely to be?
- How do I get shared situational awareness?

Left: DJI Phantom4 Non-Line of Sight Footprint

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