Arta Cyber Inc.

Research and development

Arta CUAS

Counter-drone detection for dense urban areas: know when a small drone is near a protected site, where it is, and where it is going.

In development (simulation)



The problem

Small drones are cheap, easy to fly and hard to see between buildings. Outdoor events, public venues and critical sites in cities need early warning, and the tall streets that hide a drone also defeat many sensors designed for open ground.

What Arta CUAS does

- A network of sensor nodes placed around a protected site.
- Detects, locates and tracks small drones, day and night.
- An operator console that shows every track on a map of the site.
- Alerts designed to be clear for the people who must act on them.
- Built for the urban canyon, not adapted from open-field tools.

Where it fits

Public events and gatherings, government and diplomatic sites, utilities and transport hubs, and temporary protection for a single day or a season.

Status

In development. The full system has been demonstrated in a detailed simulation of a real downtown area, with crowds, streets and restricted airspace.

Scope

Arta CUAS is a detection, tracking and awareness system. Any response to a drone remains with the authorities who are legally permitted to act.

Working with us

We are looking for partners and pilot sites. Contact us to talk about a site, an event or a joint evaluation. Details are shared under the appropriate agreements.

Arta Cyber Inc. · Ottawa, Ontario, Canada

info@artacyber.com · +1 613 454 8230 · artacyber.com