System Architecture

◇Fixed System

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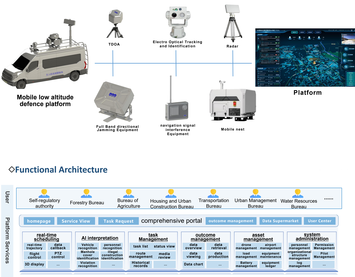
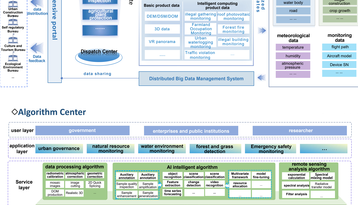
- **The unmanned aerial vehicle detection and countermeasure coverage range and emergency support capability of the ground inspection team.**
- **Collaborative fixed installation method, suitable for comprehensive blind filling due to terrain differences.**

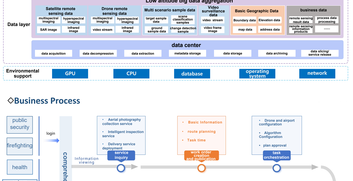


◇Functional Architecture

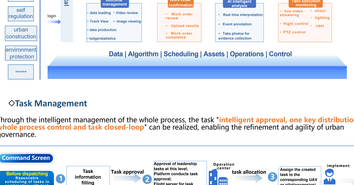
◇Data Centere



◇Algorithm Center



◇Business Process



◇Task Management

Through the intelligent management of the whole process, the task "**intelligent approval, one key distribution, whole process control and task closed-loop**" can be realized, enabling the refinement and agility of urban governance.

◇System Features

city control

A new urban governance model that achieves multi departmental collaboration, full scenario coverage, and intelligent decision-making.

drone usages

By load balancing, algorithm matching, and task switching, flexible applications can be achieved in various scenarios, reducing redundancy and improving utilization

flight control

The unified network platform integrates drone resources to achieve intelligent collaboration, intensive scheduling, and standardized supervision of drone operations across the entire domain.

photo usages

Deeply explore various flight data achievements, build a low altitude application product set, form a data supermarket, and achieve the ultimate release of data value.

System Functions

◇Management Cockpit

Supported by **the demand subject, effectiveness evaluation and early warning model**, and relying on data-driven and multi-dimensional visualization, it helps users gain insight into key and difficult points, prevent risks and hidden dangers, and give full play to platform dividends.

hot spot analysis
Explore hot topics and gain insights into government needs based on key indicators such as the requester of the task unit.

asset analysis
Perform statistical analysis on various dimensions of one's own assets.

Results Analysis
Statistically analyze data results from various dimensions, by type, time, region, etc.

Profit income
Compare and analyze the outputs of different scenarios; Generate input-output ratio.

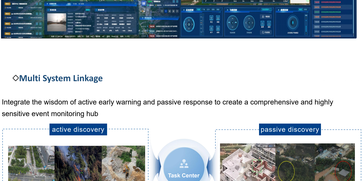
event alert
Display various risk warning information, such as equipment warning, flight warning, etc.

task analysis
Manage and maintain tasks, and conduct task statistics and analysis from various dimensions.

Operating Cost
Analyze the investment during the operation period, such as electricity, internet, personnel fees, etc.

◇Realtime Moniter

Realtime monitor is a **highly integrated and dynamically responsive** comprehensive management system. The system integrates many key functions such as UAV **real-time trajectory monitoring, flight control, AI intelligent analysis, alarm information** and so on, providing UAV operators with **comprehensive and real-time control and monitoring capabilities.**



◇Multi System Linkage

Integrate the wisdom of active early warning and passive response to create a comprehensive and highly sensitive event monitoring hub