RescueWing

AI-Enhanced Drone Networks for Disaster Response

+ 10,000

RescueWing: The Solution

DETECTION OF SURVIVORS

Thermal imaging
auditory detection
movement detection

INTEGRATION WITH GROUND-BASED SYSTEMS

Efficient dispatch of ground teams based on aerial data.

AERIAL MAPPING & DAMAGE ASSESSMENT

High-resolution mapping capabilities

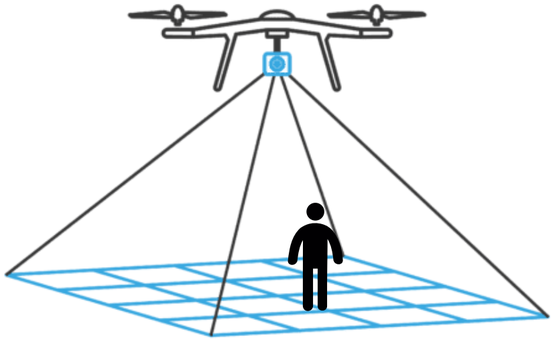
SWARM INTELLIGENCE

Coordination among drones for efficient coverage.

DIRECT COMMUNICATION

direct communication with emergency
Signal boosting and Wi-Fi hotspot functionality in areas with poor connectivity.

RescueWing Disaster Response Workflow



Thermal imaging

Auditory Detection

Movement Detection

DATA COLLECTION

Real-time Analysis

Integration and Decision

Communication and Response

Assessment of Damage

High-Resolution Imagery

Real-time Analysis

Update Aerial Maps

Together, we can build a safer and more resilient world

Thanks!