alert

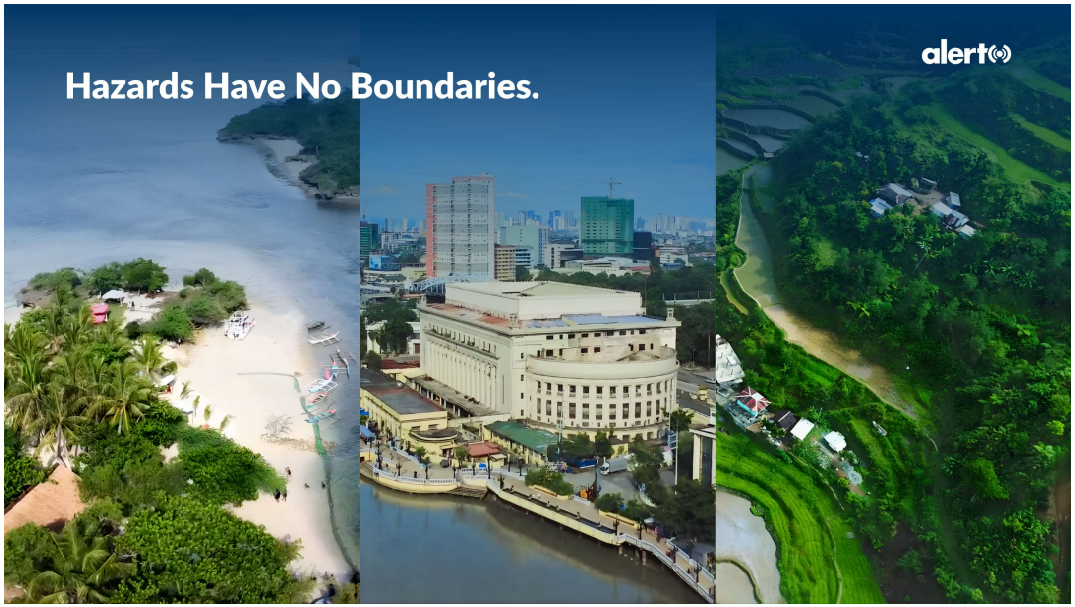
Decentralized Systems and AI-Driven Early Warning for Community-Level Disaster Resilience

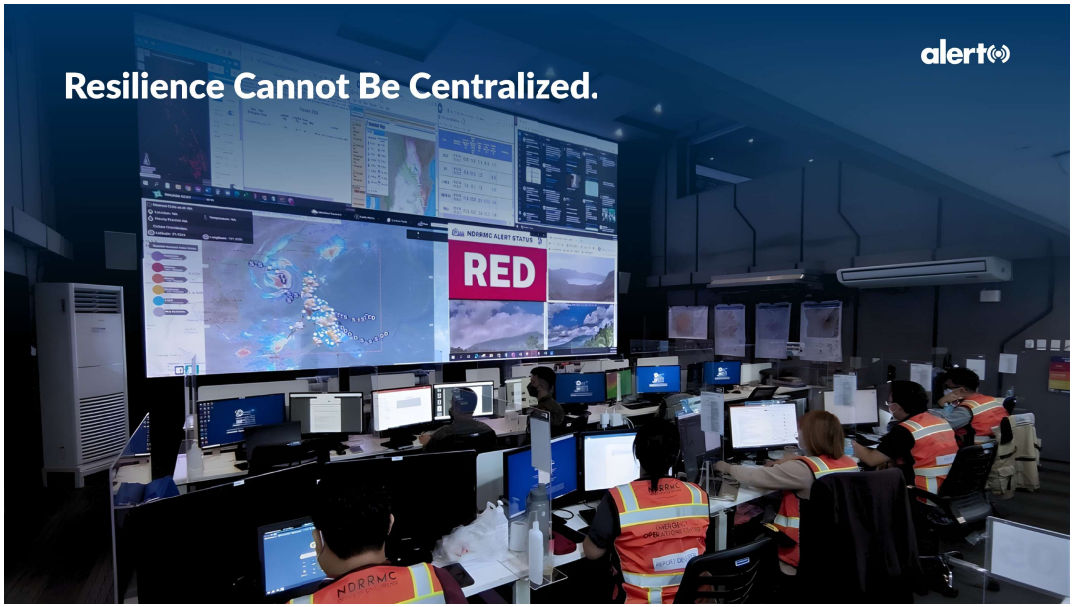


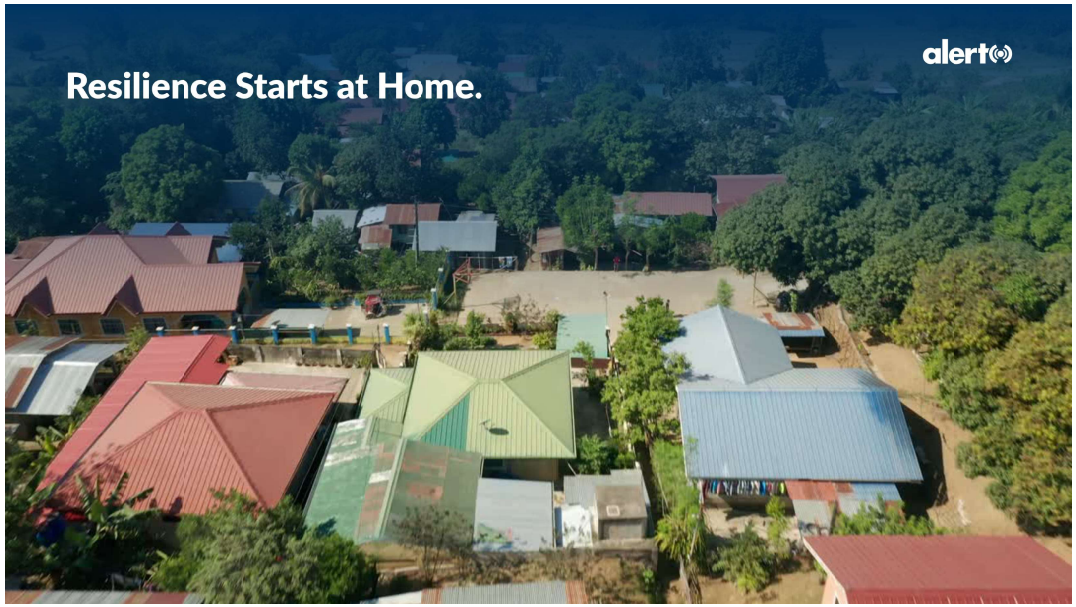
Cristina Macaraig
Founder & CEO, Alerto Philippines

WiredField Philippines, Inc. | January 28, 2026
Technology and Innovation Conclave 2.0




Hazards Have No Boundaries.
alert

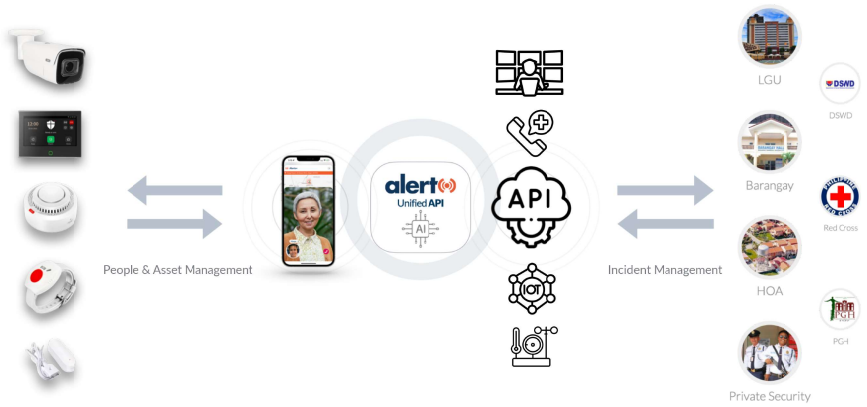

Resilience Cannot Be Centralized.
alert
RED
NDRRMC


alert
Resilience Starts at Home.

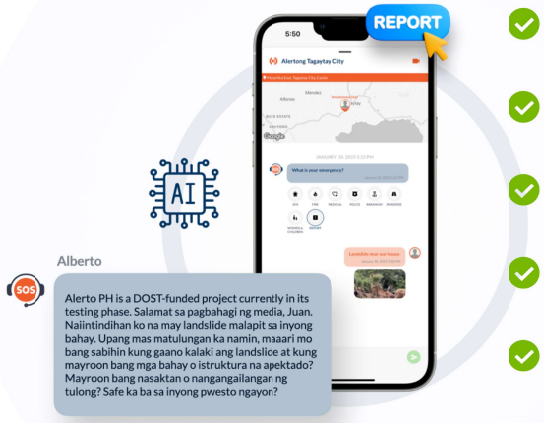

alert
Homes and businesses remain exposed to emerging threats and hazards.
From extreme weather events to cascading social and economic impacts, climate-related hazards continue to place families, employees, and hard-earned assets at risk.
Source: FEMA, PSA

Alerto™ Connects IoT Alerts to Emergency Response.

For Proactive Emergency Response and Disaster Risk Management



Monitoring Reports 24/7.



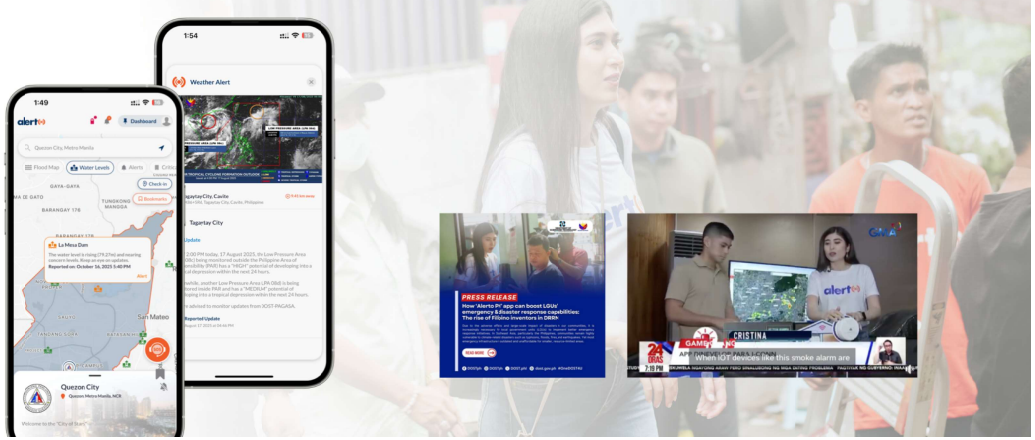
- Monitors and responds to incoming incident reports 24/7.
- Analyzes messages and images to understand context and severity.
- Automatically fills in key incident details such as urgency and type of emergency.
- Flags possible prank reports through conversational analysis.
- Recommends appropriate response actions based on its knowledge base.

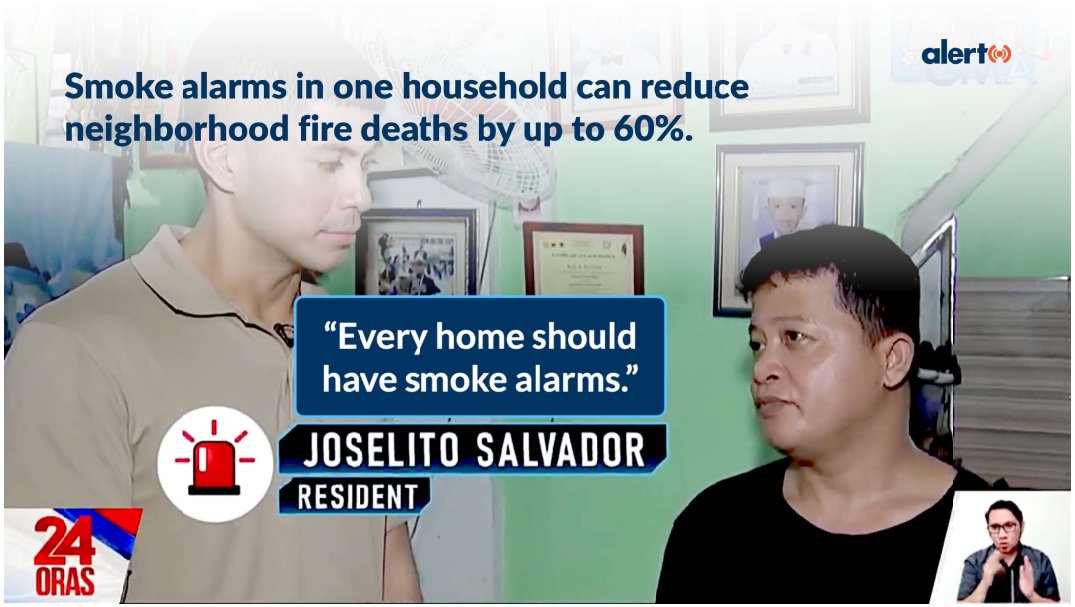
Alberto From Detection to Prevention.

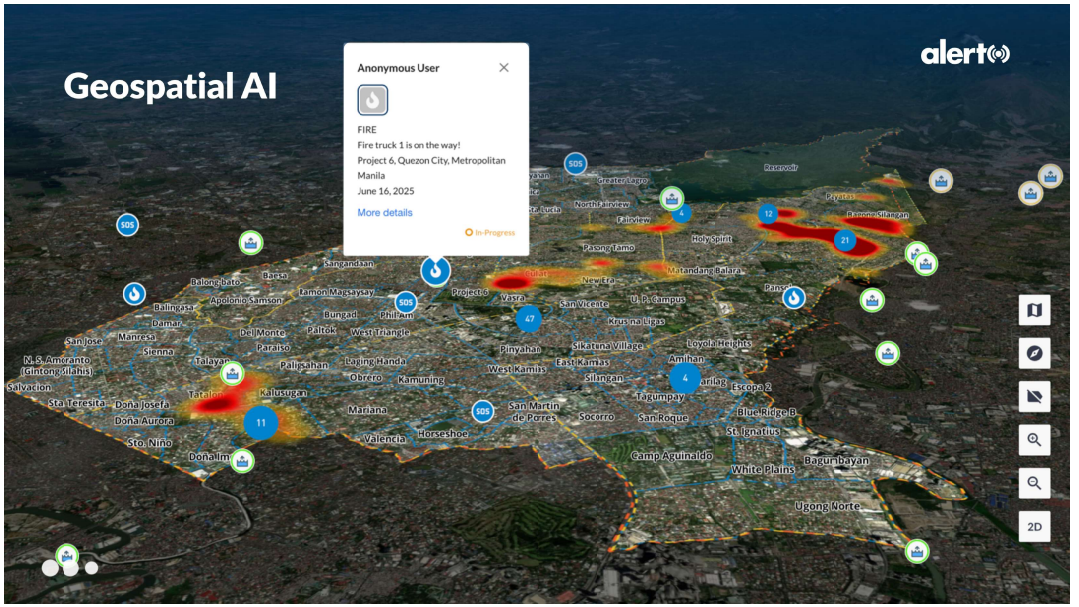


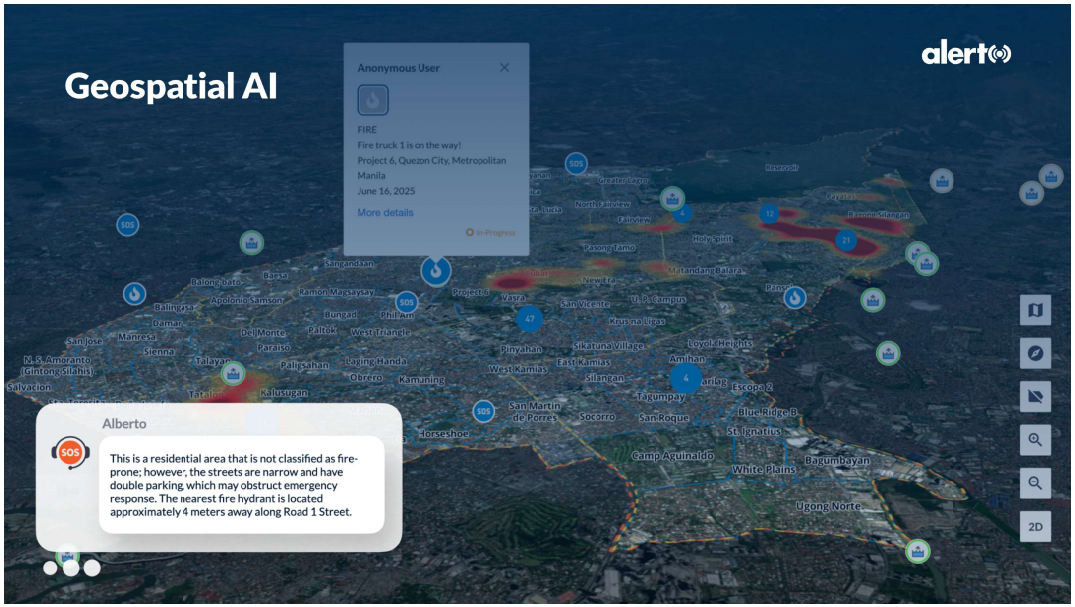
- Monitors IoT devices and interprets sensor data to detect incidents and filter out false alarms.
- Tracks battery levels and automatically reminds users when it's time for a replacement.
- Detects tampered or malfunctioning devices and notifies users to fix or reconnect them.

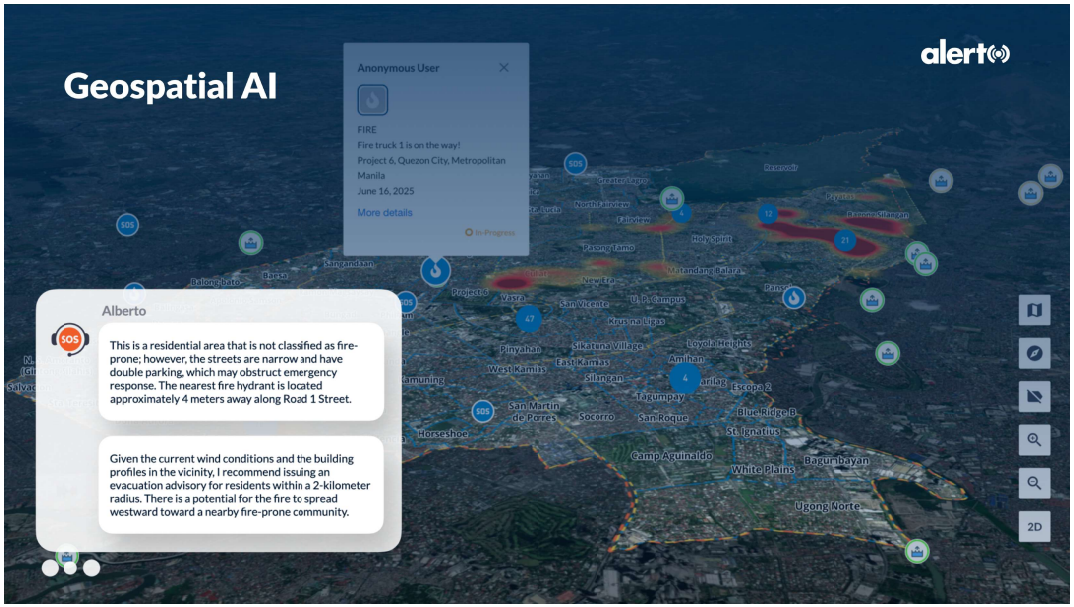
Real-time safety without dialing 911, now available in pilot barangays in Quezon City.

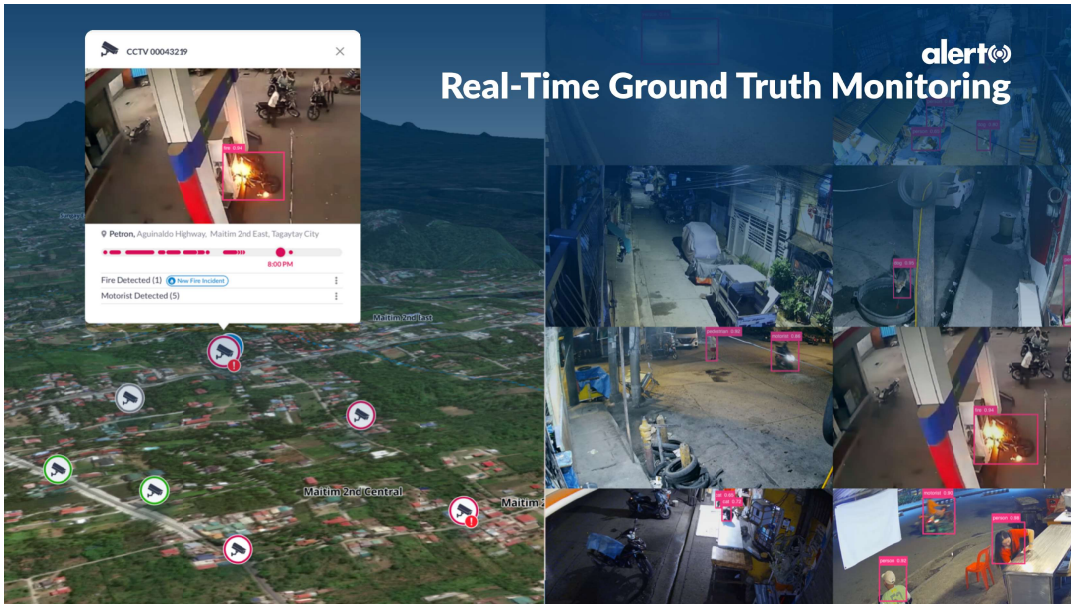


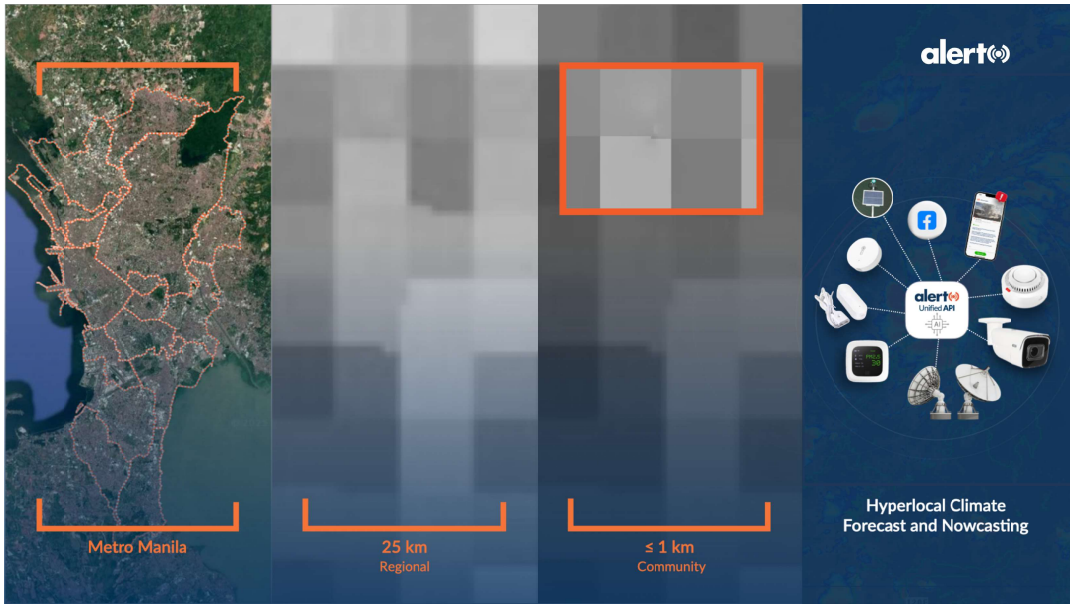

alert
Smoke alarms in one household can reduce neighborhood fire deaths by up to 60%.
“Every home should have smoke alarms.”
JOSELITO SALVADOR
RESIDENT
24 ORAS

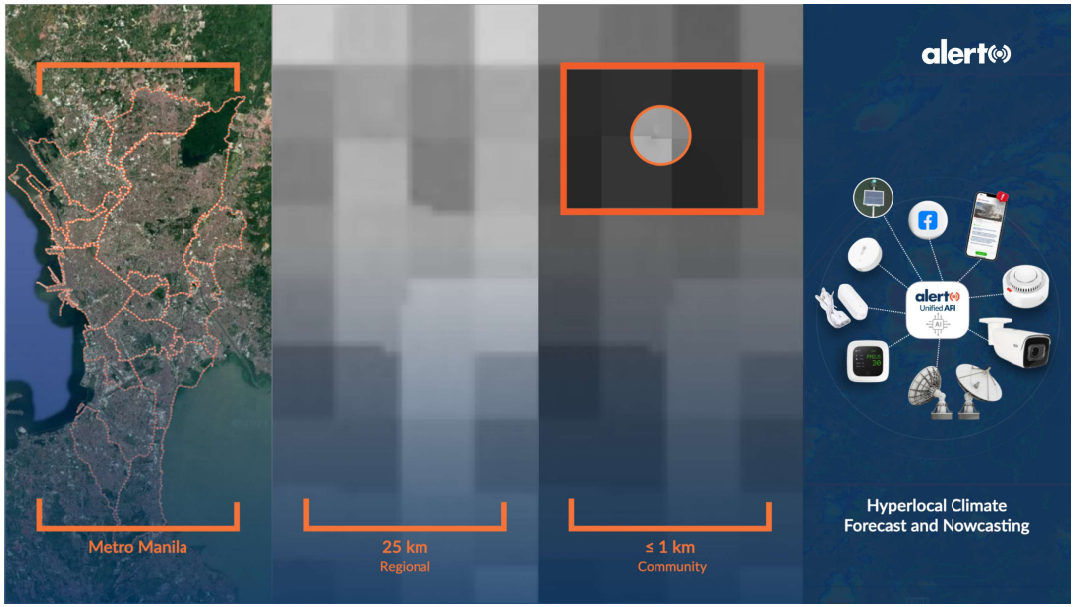

Geospatial AI
alert
Anonymous User
FIRE
Fire truck 1 is on the way!
Project 6, Quezon City, Metropolitan Manila
June 16, 2025
More details
In-Progress
2D


Geospatial AI
alerto
Anonymous User
FIRE
Fire truck 1 is on the way!
Project 6, Quezon City, Metropolitan Manila
June 16, 2025
More details
In-Progress
Alberto
This is a residential area that is not classified as fire-prone; however, the streets are narrow and have double parking which may obstruct emergency response. The nearest fire hydrant is located approximately 4 meters away along Road 1 Street.
2D


Geospatial AI
alerto
Anonymous User
FIRE
Fire truck 1 is on the way!
Project 6, Quezon City, Metropolitan Manila
June 16, 2025
More details
In-Progress
Alberto
This is a residential area that is not classified as fire-prone; however, the streets are narrow and have double parking, which may obstruct emergency response. The nearest fire hydrant is located approximately 4 meters away along Road 1 Street.
Given the current wind conditions and the building profiles in the vicinity, I recommend issuing an evacuation advisory for residents within a 2-kilometer radius. There is a potential for the fire tc spread westward toward a nearby fire-prone community.
2D


CCTV 00043219
Petron, Aguinaldo Highway, Maitim 2nd East, Tagaytay City
8:00 PM
Fire Detected (1)
New Fire Incident
Motorist Detected (5)
Maitim 2nd East
Maitim 2nd Central
alert
Real-Time Ground Truth Monitoring


Metro Manila
25 km
Regional
≤ 1 km
Community
alert
Unified API
Hyperlocal Climate
Forecast and Nowcasting


alert
Unified AR
Metro Manila
25 km
Regional
≤ 1 km
Community
Hyperlocal Climate
Forecast and Nowcasting


alert
Typhoon Tino
Landfall
Signal #4
Signal #4
Signal #4
Signal Lifted
Exit
Nov 2, 2025 11:00 AM
Nov 3, 2025 11:00 PM
Nov 4, 2025 2:00 AM
Nov 4, 2025 8:00 AM
Nov 4, 2025 5:00 PM
Nov 6, 2025 5:00 PM
San Juan Street
Falanca Street
Gatuslao Street
Araneta Avenue
Rosario Street
Bacolod Port
Baywalk
Park Inn by Radisson
Bagong Dalan
Barangay Hall
2D


alert
Typhoon Tino
Landfall
Nov 2, 2025 11:00 AM
Signal #4
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Signal #4
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Signal Lifted
Nov 4, 2025 5:00 PM
Exit
Nov 6, 2025 5:00 PM
2D
San Juan Street
Palanca Street
Gatuslao Street
Aranata Avenue
Rosario Street
Bagong Dalan
Park Inn by Radisson
Bacolod Port
Baywalk
Barangay 35 Hall


alert
SM City Bacolod
Rizal St Reclamation Area, Bacolod...
High Risk
9.2
Typhoon Tino
Landfall
Nov 2, 2025 11:00 AM
Signal #4
Nov 3, 2025 11:00 PM
Signal #4
Nov 4, 2025 2:00 AM
Signal #4
Nov 4, 2025 8:00 AM
Signal Lifted
Nov 4, 2025 5:00 PM
Exit
Nov 6, 2025 5:00 PM
2D
San Juan Street
Palanca Street
Gatuslao Street
Aranata Avenue
Rosario Street
Bagong Dalan
Park Inn by Radisson
Bacolod Port
Baywalk
Barangay 35 Hall


alert
SM City Bacolod
Rizal St, Reclamation Area, Bacolod...
High Risk 9.2
Typhoon Tino
Landfall
Nov 2, 2025 11:00 AM
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Nov 4, 2025 8:00 AM
Signal Lifted
Nov 4, 2025 5:00 PM
Exit
Nov 6, 2025 5:00 PM
2D


alert
EARLY WARNINGS FOR ALL
The UN Global Early Warning Initiative for the Implementation of Climate Adaptation
WORLD METEOROLOGICAL ORGANIZATION
COP27
SHARM EL-SHEIKH
EGYPT 2022

alerto

WiredField Philippines, Inc.

Safer Communities Before, During, and After Emergencies and Disasters.



Cristina Macaraig
Founder & CEO, Alerto Philippines
cristina@wiredfield.com | +63 (917) 651 0009

Let's Connect on LinkedIn

