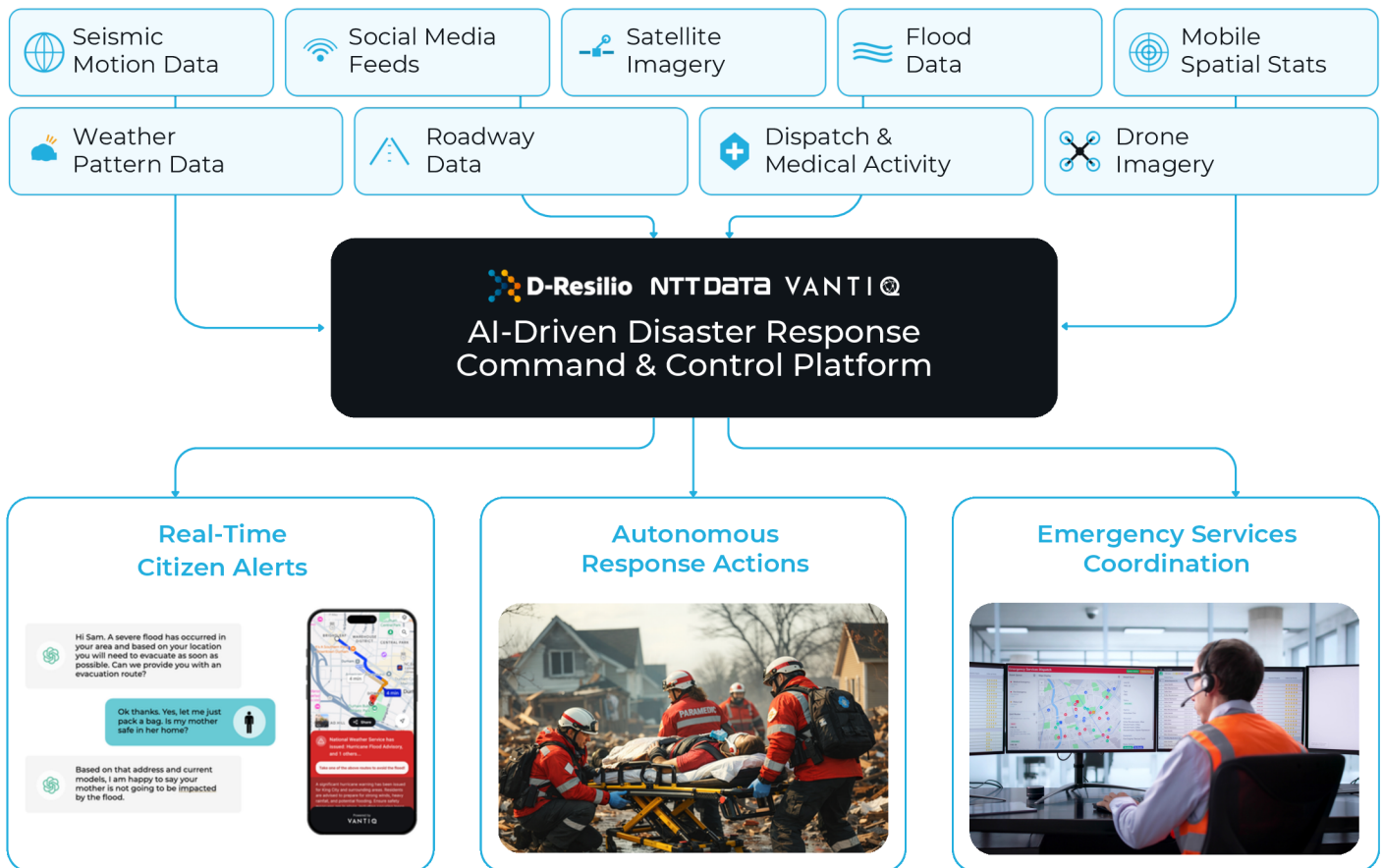


D-Resilio: AI-Powered Disaster Response

Built by NTT Data on the VantIQ platform, D-Resilio is a real-time disaster coordination system that unifies 13+ disparate emergency systems into a single AI-driven operating environment. It detects threats, coordinates response, and delivers critical information to citizens and responders as events unfold.



The VantIQ Platform

VantIQ is a real-time orchestration platform that powers AI-driven automation for mission-critical operations. It enables D-Resilio to coordinate a wide variety of systems and data sources, including satellites, drones, seismic sensors, weather feeds, road networks, medical services, social media and population data, into a unified, event-driven operating environment.

2023

Year D-Resilio launched for Japanese municipalities

13+

Connected government systems orchestrated in real time

150+

Target municipalities on the platform by 2028

< 1 sec

Time to process and act on incoming threat data

Core Features of the D-Resilio Platform

Satellite and Drone Reconnaissance

Continuous monitoring via radar satellites and automated drones that operate through darkness, cloud cover and adverse weather. Delivers real-time aerial damage assessment without waiting for conditions to clear.



Weather-Driven Threat Detection

Processes extreme weather forecasts, seismic activity and flood monitoring data to identify risks early. Pushes automated alerts to agencies and citizens before disaster strikes.



Crowd-Sourced Damage Analysis

Aggregates citizen reports and social media feeds into a live damage picture. AI filters and validates incoming data so operators see verified intelligence, not noise.



Emergency Response and Rapid Decision-Making

Connects crisis command, disaster prevention and emergency medical systems into one coordination layer. AI recommends actions based on live conditions, reducing decision lag from hours to seconds.



Road and Infrastructure Monitoring

Tracks road conditions, bridge status and utility networks during active events. Automatically flags damaged routes and reroutes emergency vehicles and logistics in real time.



Population-Aware Evacuation Routing

Uses mobile spatial statistics to map where people actually are, not where static plans assume. Generates dynamic evacuation routes that update continuously as conditions and population density shift.



See how real-time orchestration and AI-driven automation can transform your disaster response operations

Schedule a live demonstration and discover what's possible.

Visit www.vantiq.com