

Hazard

Earthquake Tsunami Land Slide Cyclone Storm Surge Flood Drought Volcano Wild Fire Tornado Heat Wave Cold Wave Avalanche Lightning

Solution Purpose

Preparedness Response Recovery

Solution Theme

Risk Assessment Disaster Prevention Plan Information & Communication Technology

Technology Subject

Risk Monitoring Business Continuity Plan Information Gathering Information Analysis & Judgement Information Communication Information Platform

Advantages

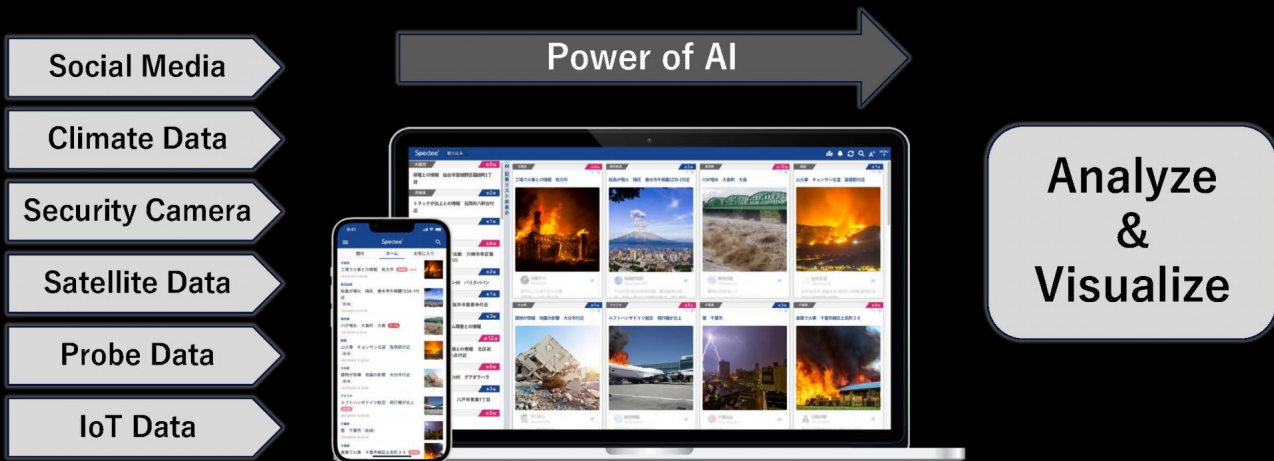
Cloud-based AI Solution for Disaster Prevention and Risk Management. Spectee Pro's AI analyses a variety of crisis information in real-time, delivers situational awareness for risk response, and visualizes potential damage. Its intuitive and easy-to-understand UI keeps any situation at your fingertips so that

you can stay well-informed for decision-making, disaster prevention and risk management in the event of an emergency.

Solution Illustrated

Spectee Pro

AI real-time Crisis Management Solution



Background

In recent years, the world has been undergoing major changes including the climate crisis and the new coronavirus.

Since the 20th century, the world's population has grown dramatically and with it energy consumption. The proportion of greenhouse gases in the atmosphere has increased rapidly since 1990, and many scientists have warned that such increase is the main cause of global warming.

Earthquakes and volcanic activities are becoming more frequent and extreme across the world. The risks brought by natural disasters and weather hazards are higher than ever, not to mention other crises, such as infectious diseases, cyber-attacks, terrorism, and military unrest, that threaten our social life.

Exposition of the Solution

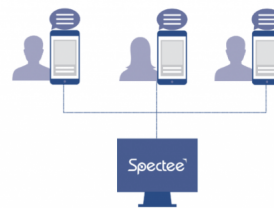
1.Data Collection



Respond faster with the help of audio alerts on the Spectee Pro platform as well as notifications via email and in-app prompt.



Be notified via email and phone app of incidents and events happening in pre-registered locations, which can be easily customized to cater to your needs.



Centralize the management of information sourced from your team and general social media posts on just one dashboard.

Instant aggregation of all necessary information during a crisis.

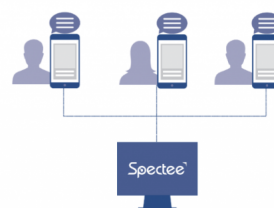
2.Alert



Respond faster with the help of audio alerts on the Spectee Pro platform as well as notifications via email and in-app prompt.



Be notified via email and phone app of incidents and events happening in pre-registered locations, which can be easily customized to cater to your needs.



Centralize the management of information sourced from your team and general social media posts on just one dashboard.

Real-time alerts that keep you ahead of any emerging situations in your vicinity.

3.Risk Analysis and Forecast



Enhance situational awareness by centrally processing and displaying various types of information such as weather, traffic, and events on one map. Make intuitive the assessment of damage and risks.



Mitigate logistical and operational risks and find optimal routes with Toyota traffic data. Any occurrence that may disrupt your logistics or operations is immediately detected through real-time analysis of data collected from vehicles on the road.



Prediction of flood areas and possible damage based on the latest weather parameters, satellite images, and past data aggregated by AI.

Visualization of the scale of damage and risk assessment to minimize loss

Achievements of Examples

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Q4 2023
Customer Retention Rate



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