Wipro's Situational Awareness and Emergency Management Solution

Unified geospatial operations dashboard

Wipro's Situational Awareness and Emergency Management solution integrates diverse datasets from varied upstream geoscience data stores with ArcGIS. This provides a seamlessly integrated and unified geospatial platform
that adopts a standards-based approach to enable integration with other related applications and various responders, establish an emergency management system and help protect critical assets and infrastructure. It also helps
to plan appropriate tool deployment for emergency management.

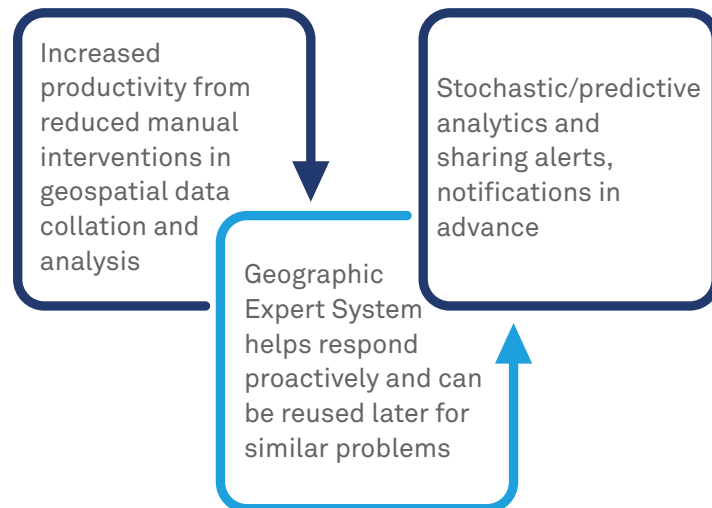Save operational cost and improve ROI with timely knowledge of the emergency and proactive response

Reduce manual interventions and increase productivity from automated data collation and analysis

Geographic Expert System with built-in AI that helps respond proactively and can be reused later for similar problems

Common operating geospatial decision platform for perception, comprehension, projection or prediction of situation and plan actions

Benefits

Increased productivity from reduced manual interventions in geospatial data collation and analysis

Geographic Expert System helps respond proactively and can be reused later for similar problems

Stochastic/predictive analytics and sharing alerts, notifications in advance

Features

Create operations dashboard and assess compliance with health, safety, and environmental requirements.

Show response strategies for emergency situations and the effectiveness of emergency drills.

The operations dashboard provides inter-agency collaboration, information dissemination, tracking and monitoring of the response services until closure of the emergency. Select features include: two- or three-dimensional geospatial visualization of the incident scene, its proximity, geographic direction of spread of threat (for instance, an oil spill) including real-time locations of hostile and friendly participants; responders nearby-mobile or static; dispatch services from the responders; a rules engine that defines and applies rules for responding to sensor input, sends information to appropriate responders, possible victims, and assets at threat.