

RAVEN911 provides a common operating picture to achieve situational awareness and a series of tools to prepare for, respond to or recover from a large-scale emergency. RAVEN911 can help identify local resources such as the closest fire stations and urgent care centers. It can gather intelligence about a particular emergency via integrated Twitter, Instagram and Flickr search functions. Also, RAVEN911 can view live feeds around emergency scenes, which are helpful in determining evacuation capacities and routes.

This system is utilized by first responder disciplines defined by the Department of Homeland Security including Fire, EMS, Hazardous Materials, Law Enforcement, Public Health, Government, Hospitals, Public Works, Emergency Management, Communications, Volunteers/Public (such as Red Cross or Salvation Army), numerous Federal Agencies and Private Industry Partners.

RAVEN911 incorporates the aforementioned emergency response tools and technologies into a single Web-based interface, which ensures that all stakeholders are “reading from the same script” and facilitates a common operating picture for all users. RAVEN911 provides a progressive solution to traditional pen and paper systems, which allows emergency personnel to define incidents spatially and visualize response assets. RAVEN911 has been enhanced to operate on mobile platforms, allowing field personnel to access the tools via tablets or other mobile devices.

The system covers a 12-county, three-state region, encompassing southwest Ohio, southeast Indiana and northern Kentucky. OKI’s project partner, the Hamilton County Emergency Management Agency (HCEMA), worked on behalf of emergency management agencies from across the region.