Quad Cities National Weather Service Pilot Project

Participating Agencies and Staff:

- Scott County Emergency Management Agency – Brian Payne, Jim Hawkes
- Scott County Information Technology Department – Ray Weiser, Darrell Inskeep
- Rock Island County Emergency Management Agency – Mindy Meyers
- Quad Cities National Weather Service – Rich Kinney

Project Background:

The Quad Cities National Weather Service along with participating Scott County and Rock Island County departments worked together to create an application for the purpose of collecting real-time weather spotter reports. The primary goal of the project is to reduce the impact and time it takes to obtain spotter reports while enhancing situational awareness for all Operational Centers.

This project involves the integration of multiple ESRI products and Integromat to record and deliver the weather reports to Operational Centers. Weather spotters use Survey123 application on either a desktop or mobile device to record a weather event. The recorded weather event is displayed 60 seconds after it is recorded in a dashboard that can be viewed across Operational Centers. If a weather event such as a Tornado or Funnel Cloud is recorded as an event, an email is automated using Integromat that is delivered directly to the Quad City National Weather Service, Scott County EMA and Rock Island County EMA personnel.