Mobile Sensor Data Collection Prize Challenge

24 April-30 June 2018

The ability to collect data from pre-placed sensors in the field using mobile devices and standard communication protocols becomes critical in SOF operations, post-disaster, and public safety.

The Mobile Sensor Data Collection Prize Challenge instructed particiapants to submit a project capable of reading a GeoPackage flle containing map features that correspond to sensor locations.

Traditionally, collecting, combining, and analyzing data from a variety of environmental and infrastructure sensors is done through cloud services and over wired networks. In SOF operations, post disaster scenarios, and public safety scenarios, those services are more likely to be downgraded.

Judging Criteria

- Software builds and installs according to supplied instructions
- Properly formed requests sent to the OSH unit
- Sensor responses read and stored on device
- Store sensor data using the GeoPackage (draft) Related Tables Extension, connected to the corresponding sensor feature point
- Cross-platform operation, e.g. browser-based solution

Challenge Winners

- 1st Place -- Software Logistics, LLC -- $10,000
- 2nd Place -- Brian Fuller -- $7,000
- 3rd Place -- Joshua Campbell -- $1,000