Hawkeye Insight

Hawkeye-Insight is a powerful web-based visualization tool for survey data.

Hawkeye Insight presents dynamic visualization of all collected data parameters, allowing users to analyze the condition of their networks. These insights are important to understanding road condition for planning and managing road maintenance.

Users can navigate through their data, utilizing the familiar mapping functionality of Google Maps. The exact location can be specified, either via road name or number, or simply clicking on the location, to have data outputs of that location presented instantly in spatial or graphical form.

Users can virtually drive through their network at high speed, while individual images can also be displayed with measurement tools and flexible charting options.
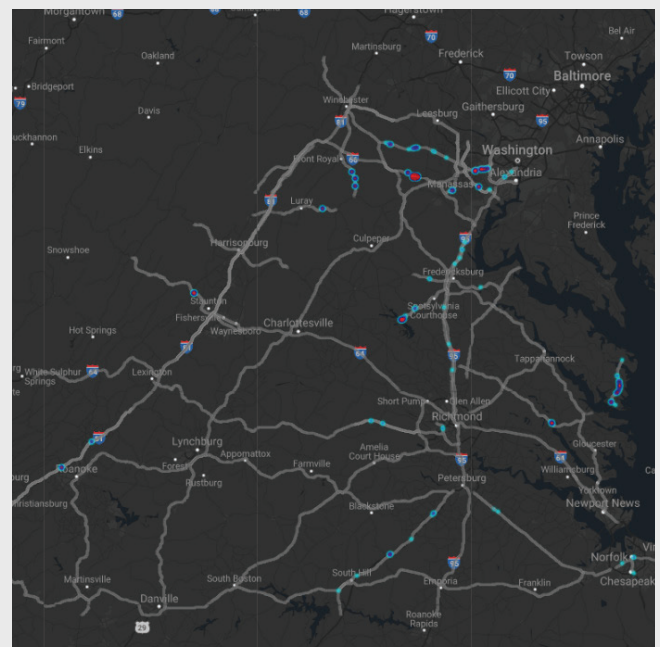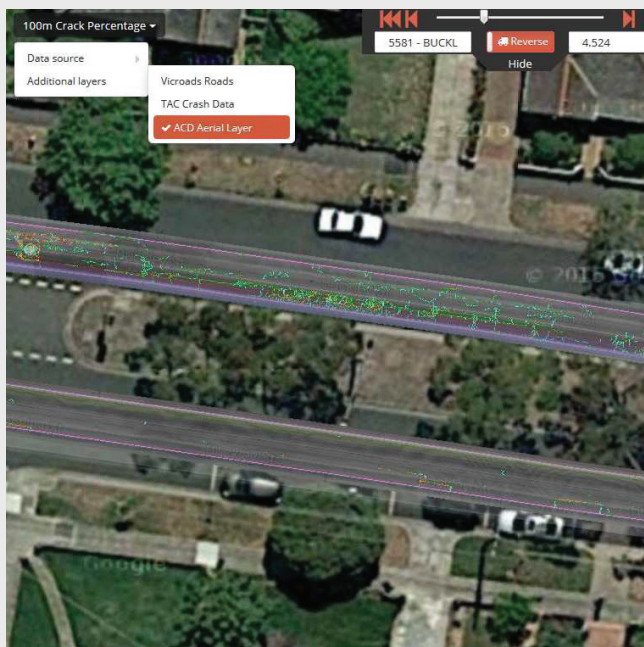
Data is securely hosted externally to overcome common IT issues and with no need to install software, your network data is easily accessible from anywhere, anytime and on multiple platforms.

Applications

- Data visualization and analysis of all collected parameters.

- Advanced filtering of data parameters to highlight hotspots that meet the users input criteria.

- High-speed video streaming of road imagery.

- Year-on-year road condition comparisons.

- On-screen height and width measurement.

- View and export tables, shapefiles, charts and images.

PAVEMENT MANAGEMENT INTELLIGENCE

Features

- Advanced filtering capability.
- Cracking data can be charted, spatially represented or displayed in a bird's eye view format.
- Display:
  - Deflection bowl and slope.
  - Roughness, texture, cracking, rutting, geometry.
  - Surface friction for safety assessment.
  - Ground Penetrating Radar.
  - Cracking and other surface defects.
  - Toggle crack maps and calibration grid measurement from video images.
  - Variable high speed video playback up to 300km/h.
  - Up to nine thumbnail images, expandable to high resolution.

- Navigation:
  - Search by Road ID, name, section, chainage, address map or hyperlinks.
  - Move by frame or drag pin on map.
  - Instantly switch which side of the road is being viewed.

- Export:
  - Hyperlinks to share location and points of interest.
  - Tabular, charting and CSV exports.
  - Shapefile exports.
  - Image exports.