Bridge Companion is a GIS application that leverages desktop, web, and mobile technologies to manage the collection and reporting of bridge inspection data. It eliminates the need to fill out field inspection paper forms by hand, and the need to retype this data on the computer to compile reports. Inspection and ancillary data, including pictures, are collected in the field with GPS-enabled devices. This provides real-time mapping tools to visualize the data in the field, from the office and on the web. Automated field inspection forms are generated programmatically using the field data collection database after quick office QC.

### Field Data Collection & Inspection
- Tablets, smart phones or rugged – Large screen GPS assisted point reference and collection.
- Customized forms – Easy to use data collection & eliminates double work.
- Drop-down menus – Saves on QC time.
- Photo log – High resolution photos taken at the location and used as field data.
- Data Integrity & GPS Accuracy – Meets client’s Accuracy Standards. Accuracy up to sub meter.

To date, Stanley Consultants has presented scour evaluation results for 161 bridges using this platform. This tool graphically displays results of the evaluation on an interchangeable map of Puerto Rico. Puerto Rico Highways & Transportation Authority (PRHITA) will be able to migrate all bridges under their jurisdiction to the Bridge Companion platform.

### Reporting
- Client forms automatically generated.
- No need to enter handwritten field data into electronic version of the form in the office.
- Real-time reporting.
- Field inspection available to clients to view from anywhere.
- Web security (user name & password).

### Features
- Interactive Map
- Online/Offline editing capabilities
- Digital field forms
- Automated bridge inspection summary reports

### Benefits
- Better decision making
- Efficient data collection and management
- Save time and money
- Easily visualize all your data at once