Assessing storm damage can be a challenging task but is often needed to officially capture conditions when environmental elements impact an area. CGI’s PragmaSCOUT Damage Assessment Mobile App helps utilities automate the data collection process of conditions or damage in the field while providing field personnel with advanced situational awareness for initial storm-impact assessment.

**GPS-ENABLED**
Easily deployed to any iOS and Android mobile device, the form-driven data collection process is integrated with GPS capability to assess, record and geo-locate damage for consistent and detailed reporting.

**ENHANCED SITUATIONAL AWARENESS**
Streaming the data collection process to PragmaSMART’s integrated Outage and Mobile Workforce Management solutions provides operators with real-time intelligence for immediate diagnosis of conditions in the field. Operational awareness and decision support is enhanced with coordinated, informed and targeted action between the field and back-office to speed recovery from storm-related events.

**FIELD-BASED IMAGE CAPTURE**
To complement the data collection process, field personnel can capture and append images associated automatically to damage locations. As part of the permanent record of the damage report, real-time field intelligence and precise geo-tagging of damage areas provides support for both strategic and tactical decision making for more informed disaster response and post-event analysis.

**MAP-ENABLED VIEW**
Using the mapping capabilities of today’s mobile devices, field damage locations are identified on an intuitive geographical map, providing an immediate visual assessment of the degree of damage in the impacted area.

**KEY FEATURES**
- Support for multiple mobile device platforms (iOS, Android, Windows Phone)
- Image capture of damaged assets
- Display of damage locations and associated data and media in PragmaGEO Graphical Network Viewer
- Drag-and-drop integration to PragmaSMART suite of applications
- Field personnel can record damage type, severity, asset identification, cross streets and comments
- Association of damage locations to PragmaLINE Outage Management incidents and PragmaCAD Mobile Workforce Management work orders
The PragmaSCOUT Damage Assessment Mobile App is driven directly by input from the field, compiling a permanent record of damage locations combined with details and images of damaged assets and emergency conditions that may exist in the overall service territory.

INTEGRATION ARCHITECTURE
The use of standard web-based protocols facilitates the integration to outage, mobile workforce, and work and asset management solutions, including many other key back-end enterprise applications capable of meeting the growing need for enhanced awareness of field conditions.

BROWSER COMPATABILITY
Deployment using mobile browsers such as Safari, Chrome and Firefox, including support for the iOS and Android mobile platforms, offers greater cross-browser compatibility for a consistent end-user experience.

OUTAGE MANAGEMENT WORKFLOW INTEGRATION
Integration of damage reports to the PragmaLINE Outage Management restoration process allows impact assessments to be associated to outages, assisting in root-cause analysis and providing operators with extended details on conditions in the field, including photos of damaged assets and impacted areas.

MOBILE WORKFORCE MANAGEMENT WORKFLOW INTEGRATION
Integration directly with the PragmaCAD Mobile Workforce Management workflow allows damage locations and associated images to be attached to individual work orders. Context-sensitive menus on CGI’s PragmaGEO geographical display provide the ability to generate work orders based on the location and impact assessment details retrieved from the damage data captured in the field.

MOBILE OPERATIONS SUPPORT
The ability to capture the location, details and images of damaged assets in real-time can improve the accuracy of conditions during large-scale storm events. As information from the field is received in real-time, a clearer understanding of the recovery efforts allows field personnel to arrive onsite with a restoration strategy and all the necessary materials for even complex equipment damage.

KEY BENEFITS
- Centralized management of damage, outage, and workforce management objects
- Streamlined outage reporting
- Improved estimated and actual restoration times
- Consolidated damage information data entry
- Enhanced customer service through more accurate capture of damaged assets
- Optimized crew assignment based on accurate identification of damage types
- Permanent record of damage locations, including notes, exact position, severity and associated images

ABOUT CGI
Founded in 1976, CGI is a global IT and business process services provider delivering a portfolio of industry-centric software solutions coupled with high-quality business consulting, systems integration and outsourcing services. With 68,000 professionals in 40 countries, CGI has an industry-leading track record of on-time, on-budget projects.

We partner with utilities across the globe to provide the knowledge and expertise to enable automation of the industry’s best practices for enterprise asset and resource optimization.

For more information about CGI, visit www.cgi.com/utilities or email us at info.util-sol@cgi.com.