iRestore First Responder App
National Grid Overview

National Grid is committed to being an innovative leader in energy management and to safeguarding our global environment.

- 3.4 million Electricity and 3.5 million Gas consumers in New England and upstate New York
- Rhode Island
  - 486,000 electric customers in 38 communities
  - 257,000 natural gas customers in 38 communities
iRestore First Responder App PILOT PROCESS

1. **FIRST RESPONDER INSTALLS iPhone APP**
   - National Grid provides a web link for first responders to download the app (to be available in app store later).

2. **FIRST RESPONDER REPORTS DAMAGE**
   - App picks up GPS location, meta data about damage type, creates a new event with time stamp and images and uploads to the cloud.

3. **EMAIL NOTIFICATION TO NATIONAL GRID**
   - Based on city/jurisdiction the appropriate National Grid personnel are alerted via email and text with a link to the new damage report.

4. **NATIONAL GRID PERSONNEL LOG INTO WEB CONSOLE**
   - Detailed damage report including damage type, street address, GPS location, event ID, time and date and images captured are available for search, viewing and processing.
iPhone App

National Grid provides a web link for first responders to download the app (to be available in app store later)

App is keyed to specific iPhones for current pilot – we will provide app store, iTunes and Google Play, distribution for the production version later in 2015.

We’re adding gas trouble reports in the new release!

First responders can enter their information in the “My Info” option in the app – this is included in any damage reports.
iPhone App

Easy user interface
iPhone App

App automatically detects GPS location and converts into a street address.

Address and report details may be edited and updated.

Hitting Submit automatically verifies information and uploads images, address and all report details to the cloud.

A unique geo- and time-stamped event ID is created if upload is successful.
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iPhone App
Web Console

National Grid personnel can log into web console to view and manage all damage reports.
iPhone App
Additional capabilities, targeted release for 1 September 2015

1. GIS INTEGRATION
   First responder damage reports as a layer in ARC-GIS

2. ANDROID APP
   App for popular Android smartphones

3. REPORTING APP
   App to view and manage damage reports in the field

4. NOTIFICATION TREES
   Ability for customers to manage their own notification lists—decentralizing outage notifications!

5. STORE n Sync
   Stores data on the device when data connection is lost and syncs with server when online
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