

Google™



google.org

Crisis Response 2.0

Empowering Developers in Times of Crisis

Prem Ramaswami - Product Manager

Steve Hakusa - Software Engineer

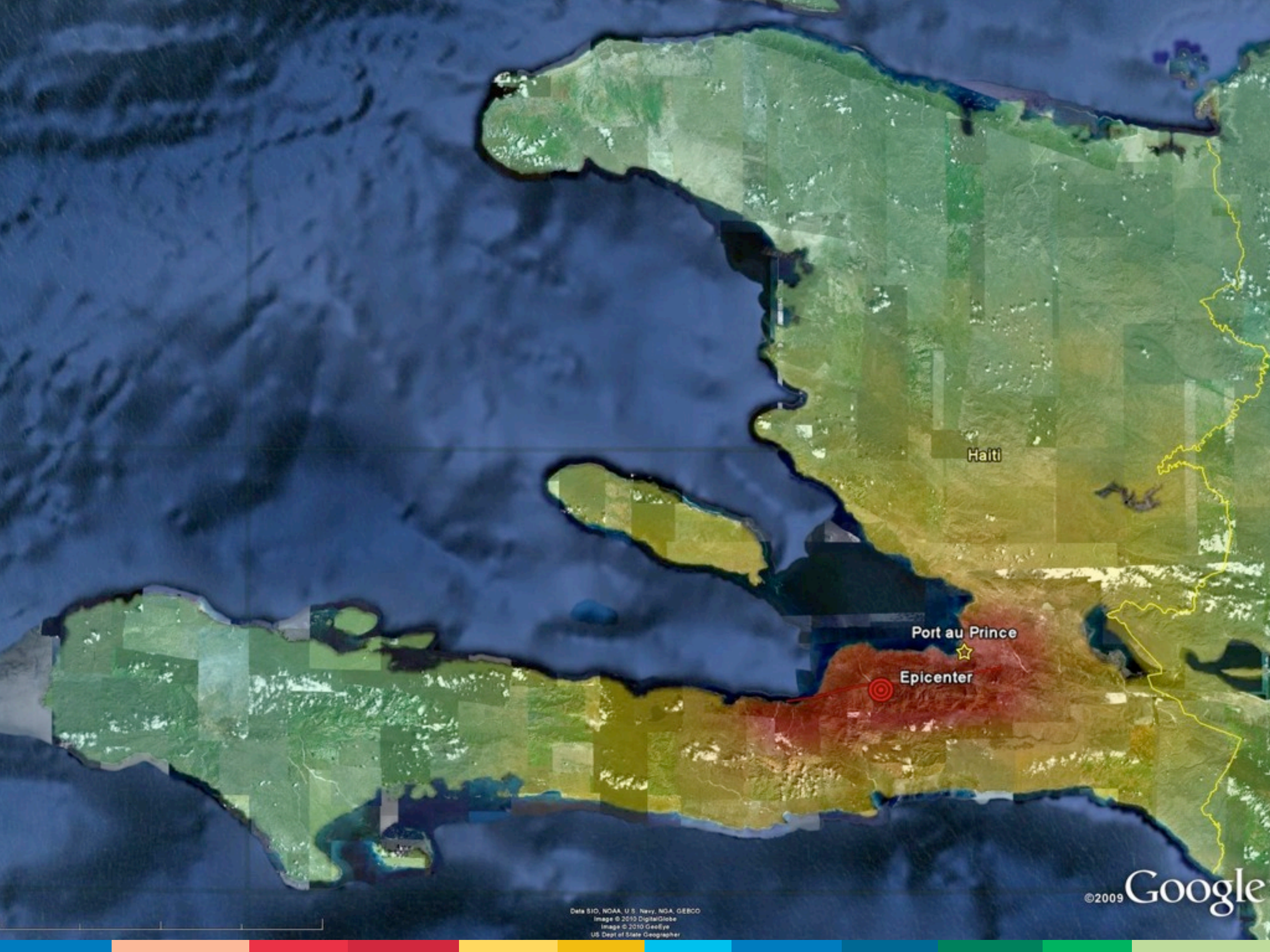
May 8, 2011

Share your thoughts.

Feedback: <http://goo.gl/AOegV>

Twitter: #io2011, #TechTalk

january 12, 2010



Haiti

Port au Prince

Epicenter





1 Day After Earthquake - Jan 13, 2010



13 Days After Earthquake - Jan 25, 2010

© Google



what else could we do?

Google crisis response

Google Translate Now Supports Creole! [Google Translate](#) can now translate between Creole and 61 other languages. The system is still evolving; when translating to/from Creole, English performs better than other languages. Special thanks to [Camille Melus University](#), [Kromakou](#) and [Lafayette](#) for their parallel data on which this system was trained. If you have data that could help improve Creole translation, upload it to the [Google Translate Project](#).

Support Disaster Relief in Haiti

On January 12, a 7.0 magnitude earthquake struck Haiti. Join recovery efforts mobilizing around the world to assist earthquake victims. Your donation will help disaster victims rebuild their lives and their communities. Google will also donate \$1 million to help organizations provide relief.

- [Donate via Google Checkout](#)
- [Other ways to help](#)
- [News and Updates](#)
- [Post-earthquake imagery](#)
- [Upload/View Haiti videos](#)

[Watch Michelle Obama on Haiti Relief](#)

Donate to UNICEF

UNICEF is deploying clean water and sanitation supplies, therapeutic foods, medical supplies and temporary shelter to Jeremie and Port-au-Prince. UNICEF will also be focusing on children who have become separated from their families to assist them to...

Donate to CARE

CARE plans to start food distributions using stocks of high-protein biscuits from CARE warehouses in Haiti. CARE has 100 staff who are on the ground coordinating with U.N. agencies...

Person Finder

January 14, 2010

Person Finder: Haiti Earthquake

English | [Français](#) | [Kreyòl](#) | [Español](#)

What is your situation?

[I'm looking for someone](#)

[I have information about someone](#)

Currently tracking about 55,200 records.

PLEASE NOTE: All data entered by you will become publicly available, and viewable and usable by anyone. Data in Person Finder includes data entered by users and data entered based upon publicly available information and certain other sources. Google does not review or verify the accuracy of the data.

[Embed this tool on your site](#) - [Developers](#) - [Terms of Service](#)

powered by


- United multiple sites running missing persons databases
- PFIF - Person Finder Interchange Format - Created post-Katrina
- 72 hour hackathon across Google
- Built on App-Engine
- Open Source, Open API

Relevant Maps

Post-Earthquake Imagery

Haiti Disaster Response Map

Haiti Layer List

- USGS Shake Map [KML](#)
Credit: [U.S. Geological Survey](#)
- Haiti Seismic Readings [KML](#)
January 2010
Credit: [U.S. Geological Survey](#)
- Haiti Damage Assessment [KML](#)
Credit: [Google Earth Library](#)
- Haiti Medical Facilities [KML](#)
Credit: [Ushahidi](#)
- IDP Staging Areas [KML](#)
Credit: [Ushahidi](#)
- GeoEye-1 Satellite Imagery
Captured 1/13/10.
Copyright [GeoEye](#) 2010
Zoom in to see imagery.
- GeoEye-1 Satellite Imagery
Captured 1/16/10.
Copyright [GeoEye](#) 2010.
- NOAA Aerial Imagery
Captured 1/17/10.
Copyright [NOAA](#) 2010.

**Haiti Earthquake
January, 2010**

- Date: 2010/01/12
- Time: 21:53:10 UTC
- Magnitude: 7.0
- Latitude: 18.457
- Longitude: -72.533
- Depth (km): 13.0
- More Info: [USGS Details Page](#)

Data provide by USGS.
For more information, see:
- [List of earthquakes in this area](#)
- [Map of earthquakes in this area](#)
- [USGS Earthquakes Homepage](#)
- [Real-time Google Earth Feeds](#)

Map tiles from Google Map Maker. [Improve the map](#) or [Add Map Maker to your Maps API](#).



The Free Wiki World Map

OpenStreetMap is a free editable map of the whole world. It is made by people like you.

OpenStreetMap allows you to view, edit and use geographical data in a collaborative way from anywhere on Earth.

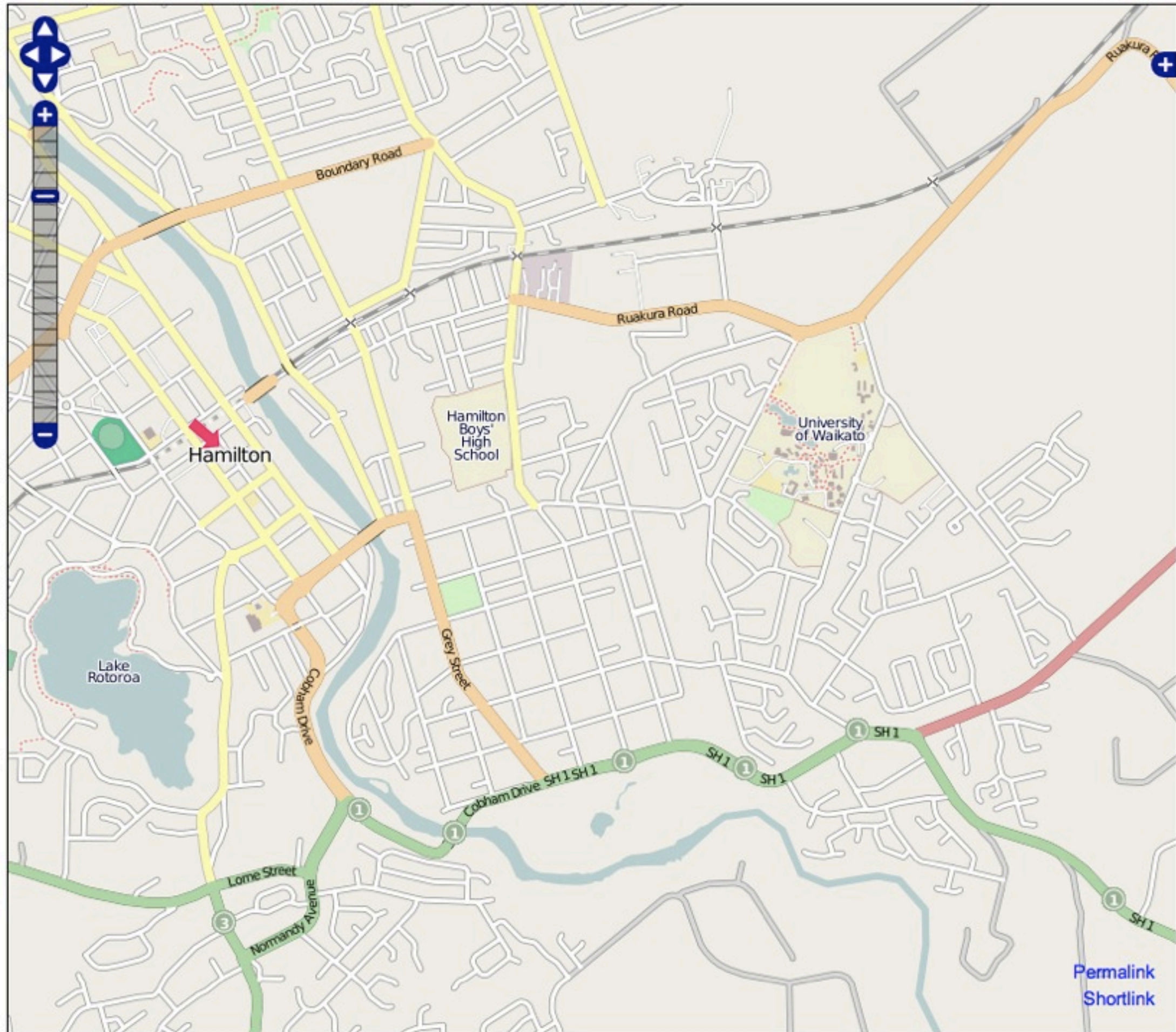
OpenStreetMap's hosting is kindly supported by the [UCL VR Centre](#) and [bytemark](#). Other supporters of the project are listed in the [wiki](#).

- [Help & Wiki](#)
- [Copyright & License](#)
- [News blog](#)
- [Shop](#)
- [Map key](#)

Search [Where am I?](#)

examples: 'Alkmaar', 'Regent Street, Cambridge', 'CB2 5AQ', or 'post offices near Lünen' [more examples...](#)

[Make a Donation](#)



[Permalink](#)
[Shortlink](#)

Haiti

The 2010 Earthquake in Haiti

Search Reports Here:



DOWNLOAD REPORTS (3605)



REPORTS RSS



+ SUBMIT INCIDENT

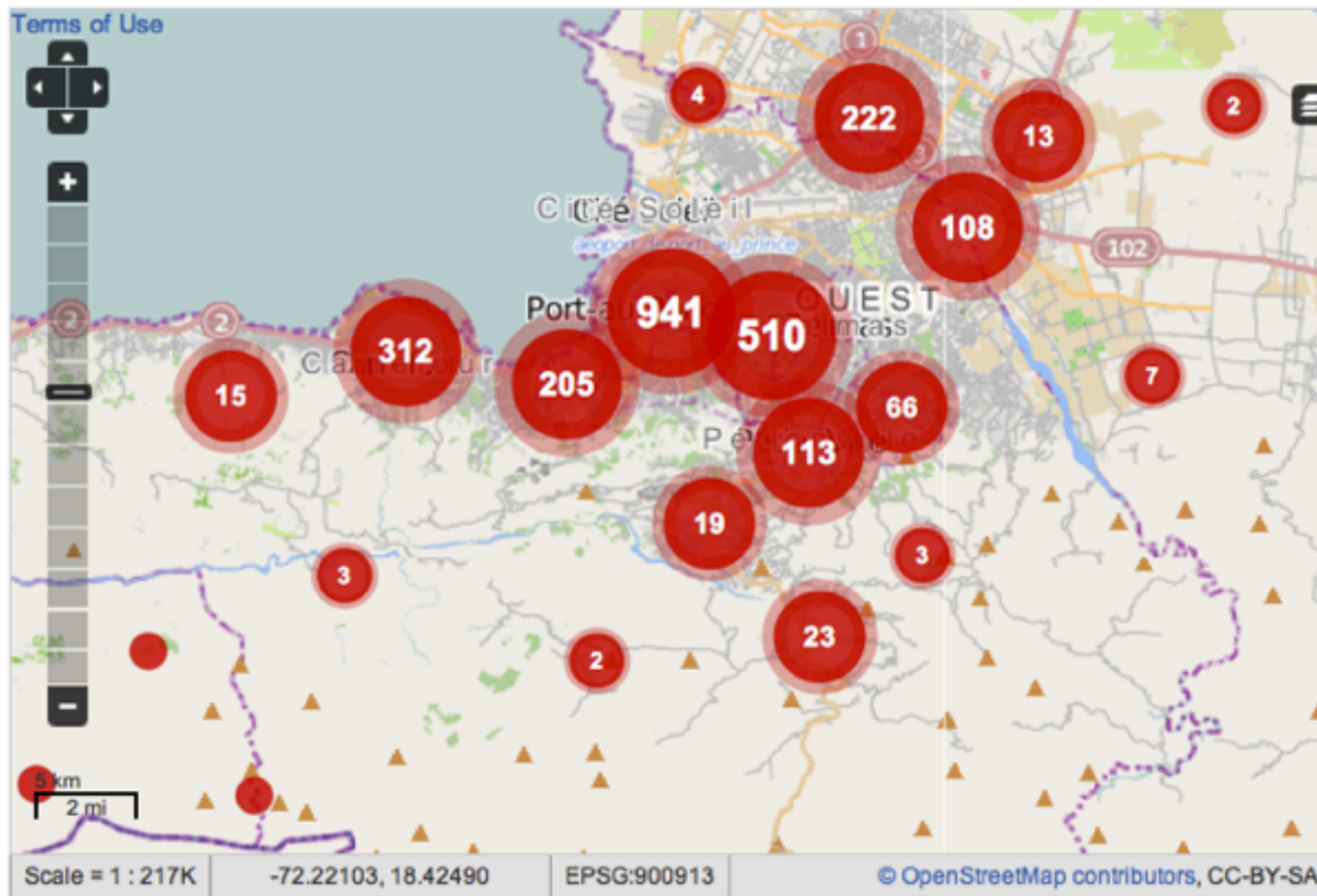
Ushahidi-Haiti @ **Tufts**
UNIVERSITY

- HOME
- REPORTS
- SUBMIT INCIDENT
- GET ALERTS
- CONTACT US
- HOW TO HELP
- ABOUT

FILTERS → **REPORTS** NEWS PICTURES VIDEO TODO

VIEWS → **CLUSTERS**

↓ CATEGORY FILTER



- ALL CATEGORIES
- 1. URGENCES | EMERGENCY
- 2. URGENCES LOGISTIQUES | VITAL LINES
- 3. PUBLIC HEALTH
- 4. MENACES | SECURITY THREATS
- 5. INFRASTRUCTURE DAMAGE
- 6. NATURAL HAZARDS
- 7. SECOURS | SERVICES AVAILABLE

↓ TIMELINE OF EVENTS



Metrics

- 4M+ page views to Google's landing page
- 80k text messages handled by project 4636; 100+ lives saved
- 55k+ shared missing persons records
- \$30M+ collected by the Red Cross from SMS; largest ever collected
- Thousands of contributions to Open Street Map and Google Map Maker



DORVILLE
CANTON

p.o.
CABLE
POST

Alcohol/Peroxide | Gloves | A-Z Meds.

Iv tubing/
fluids

Gloves | Cold packs | Band-Aids/
Gauze/Bandages

Syringes/
Needles

Masks/
Respiratory | Assorted & medical
Tubes & medical
Supplies | Drapes / Gowns /
Scrubs

Pillows
Shoats

Drapes
Gowns

Gloves | Paper towels/
toilet paper
Cotton | Hand-sanitization/
Hygiene/
Soap / Shampoo
Cleaning / Anti-bacter

Charity | Gloves

Baby
water

FOOD

↓
Outside

↓

Google.org Crisis Response Team

Making crucial information more accessible during natural disasters and humanitarian crises

Google Crisis Response
a google.org project

[Home](#) | [Response Efforts](#) | [Tools & Resources](#) | [FAQ](#) | [About Us](#)

Massive earthquake strikes off the coast of Japan causing significant damage and tsunami flooding

Find emergency information, maps and missing persons resources »

About Us

Google Crisis Response seeks to make critical information more accessible around natural disasters and humanitarian crises.

[Learn more »](#)

Response Efforts

Google has been responding to disasters since Hurricane Katrina in 2005. See what Google has done to date and find charities accepting donations.

[Read more »](#)

Latest news

Read the latest news on crises around the world.

2011-03-16 [More resources for those affected by...](#)

2011-03-12 [Post-earthquake imagery of Japan](#)

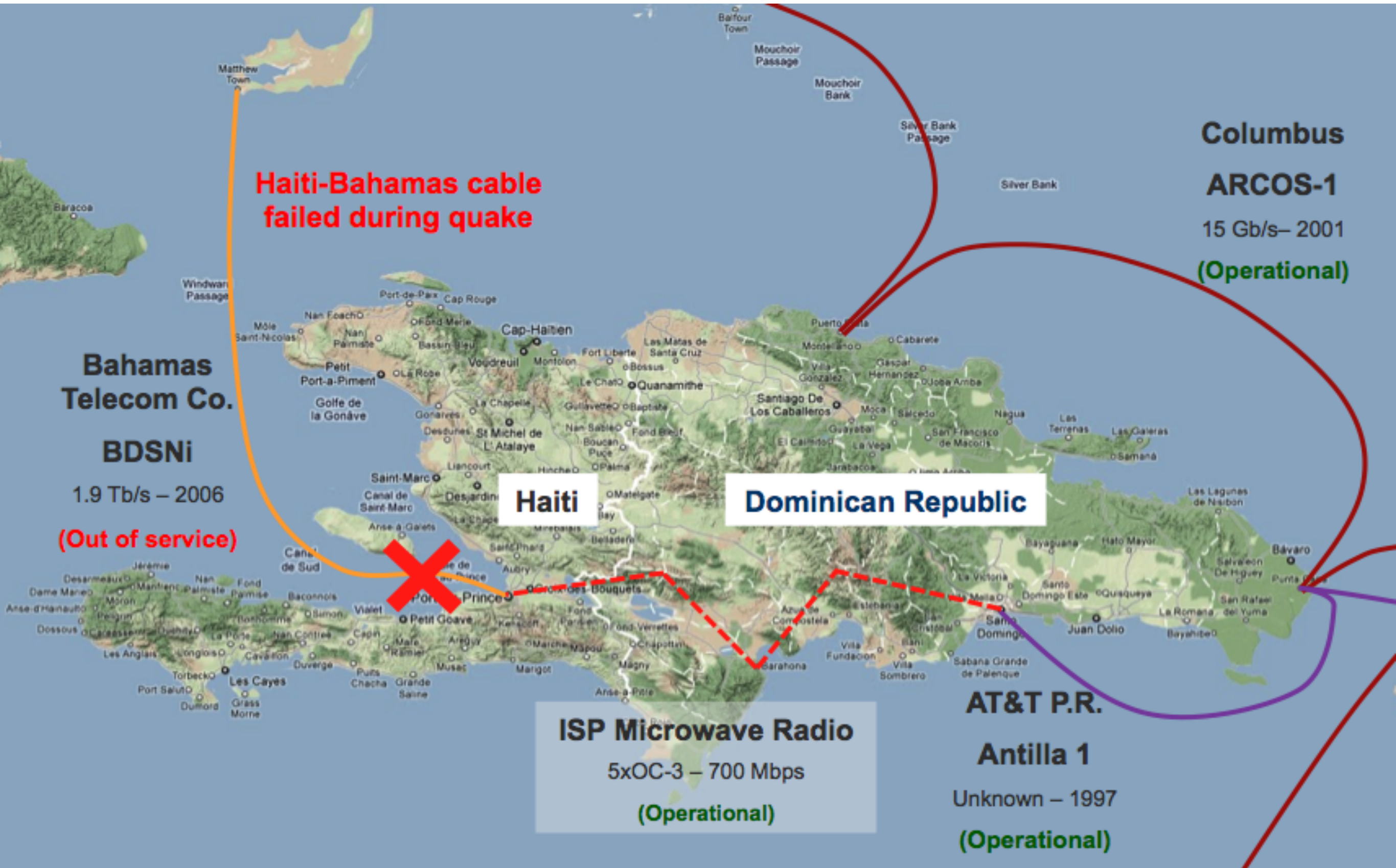
2011-03-12 [Assembling resources following the...](#)

[Explore the news archive »](#)

crisis response 2.0



internet use during disasters



Haiti-Bahamas cable failed during quake

**Columbus
ARCOS-1
15 Gb/s – 2001
(Operational)**

**Bahamas Telecom Co.
BDSNI
1.9 Tb/s – 2006
(Out of service)**

Haiti

Dominican Republic

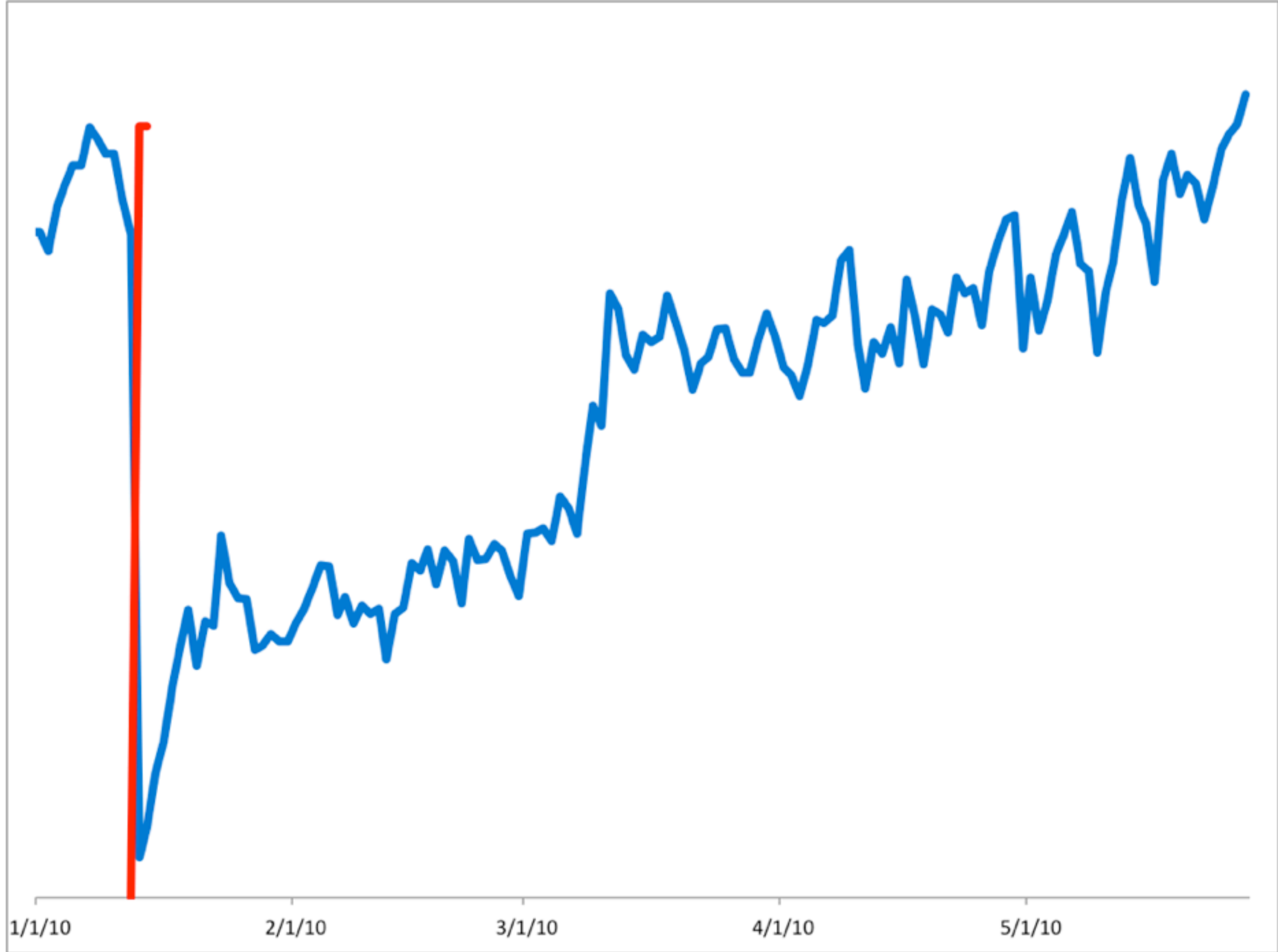
**ISP Microwave Radio
5xOC-3 – 700 Mbps
(Operational)**

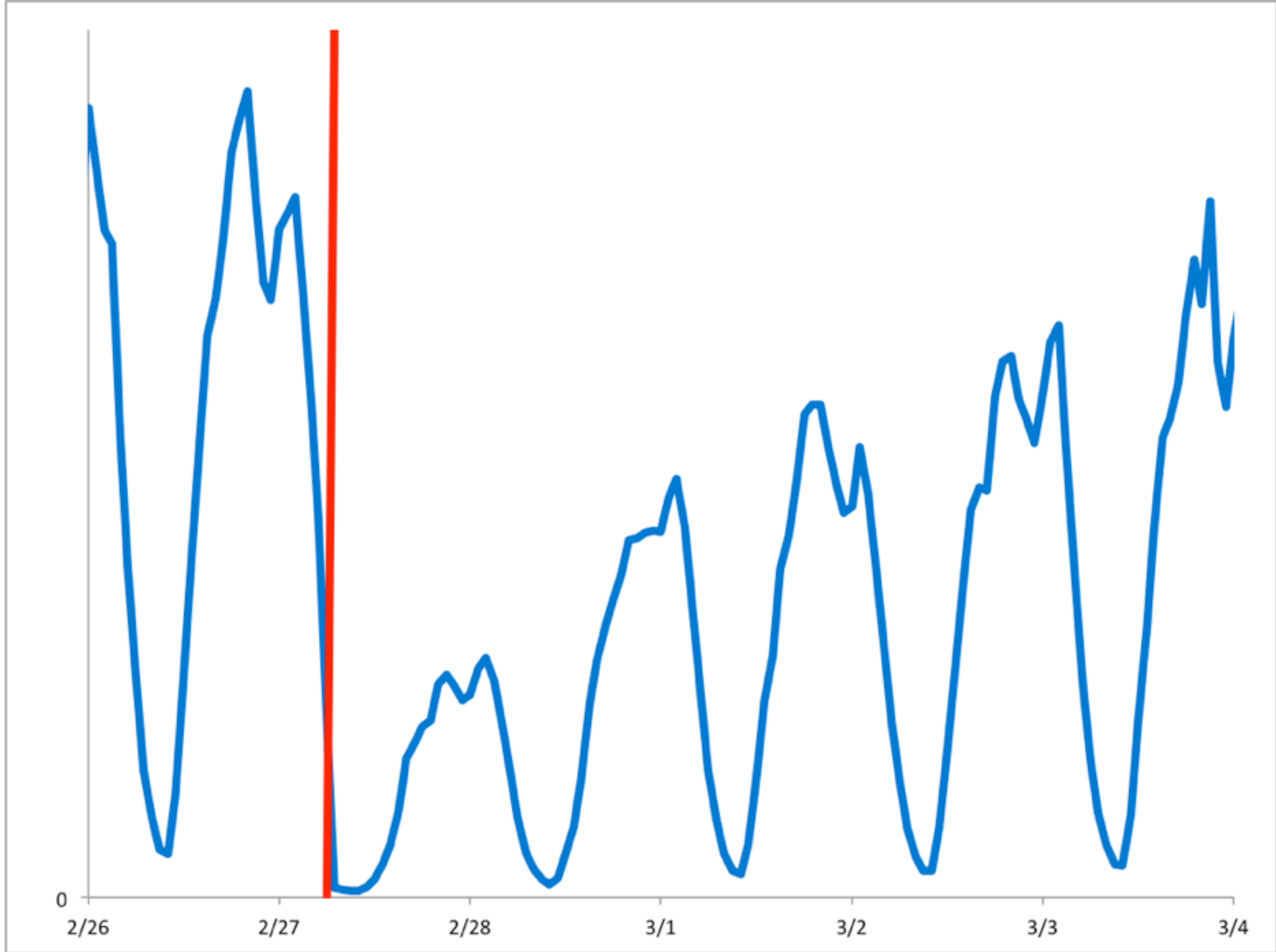
**AT&T P.R.
Antilla 1
Unknown – 1997
(Operational)**

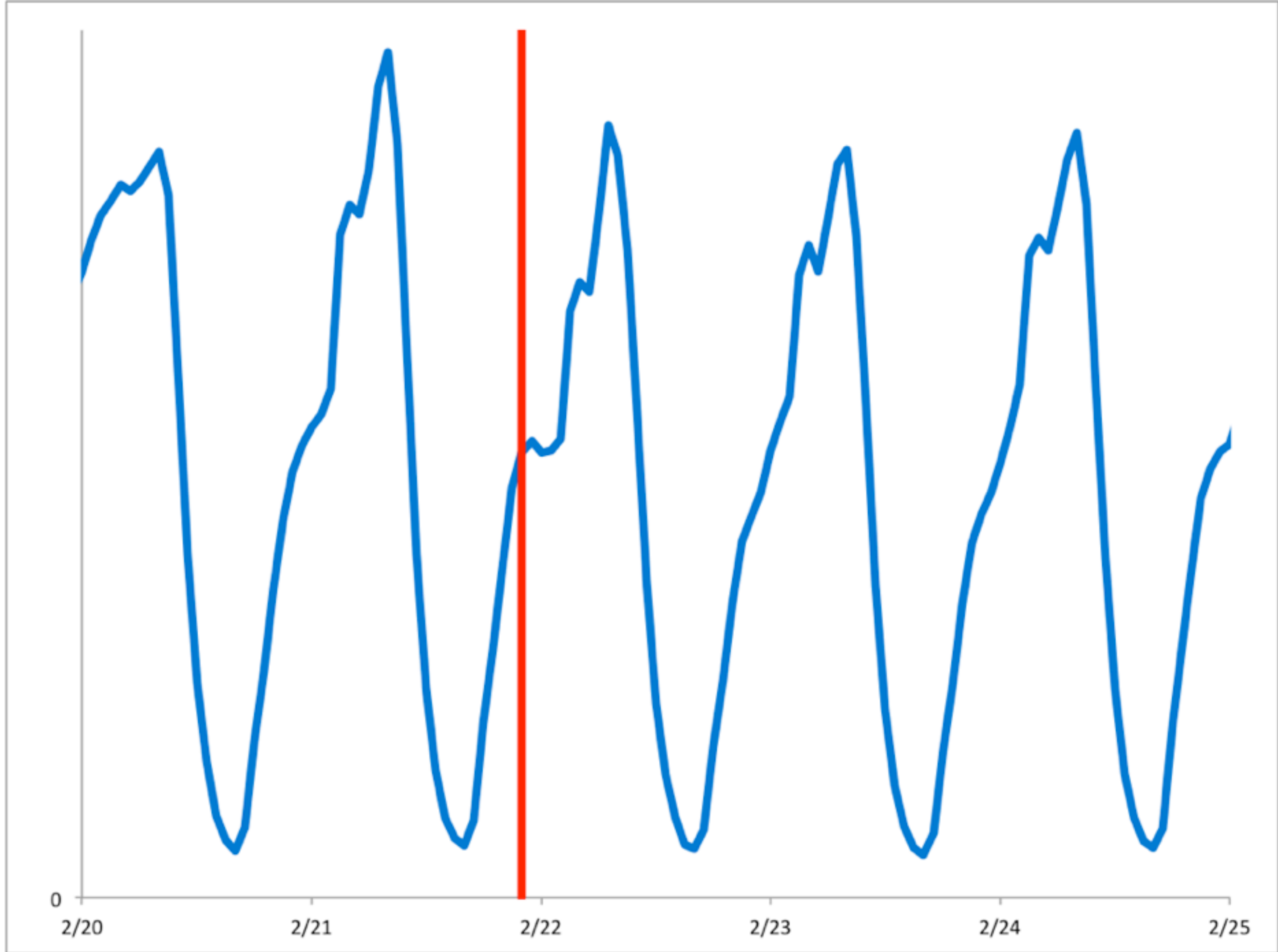




Digicel



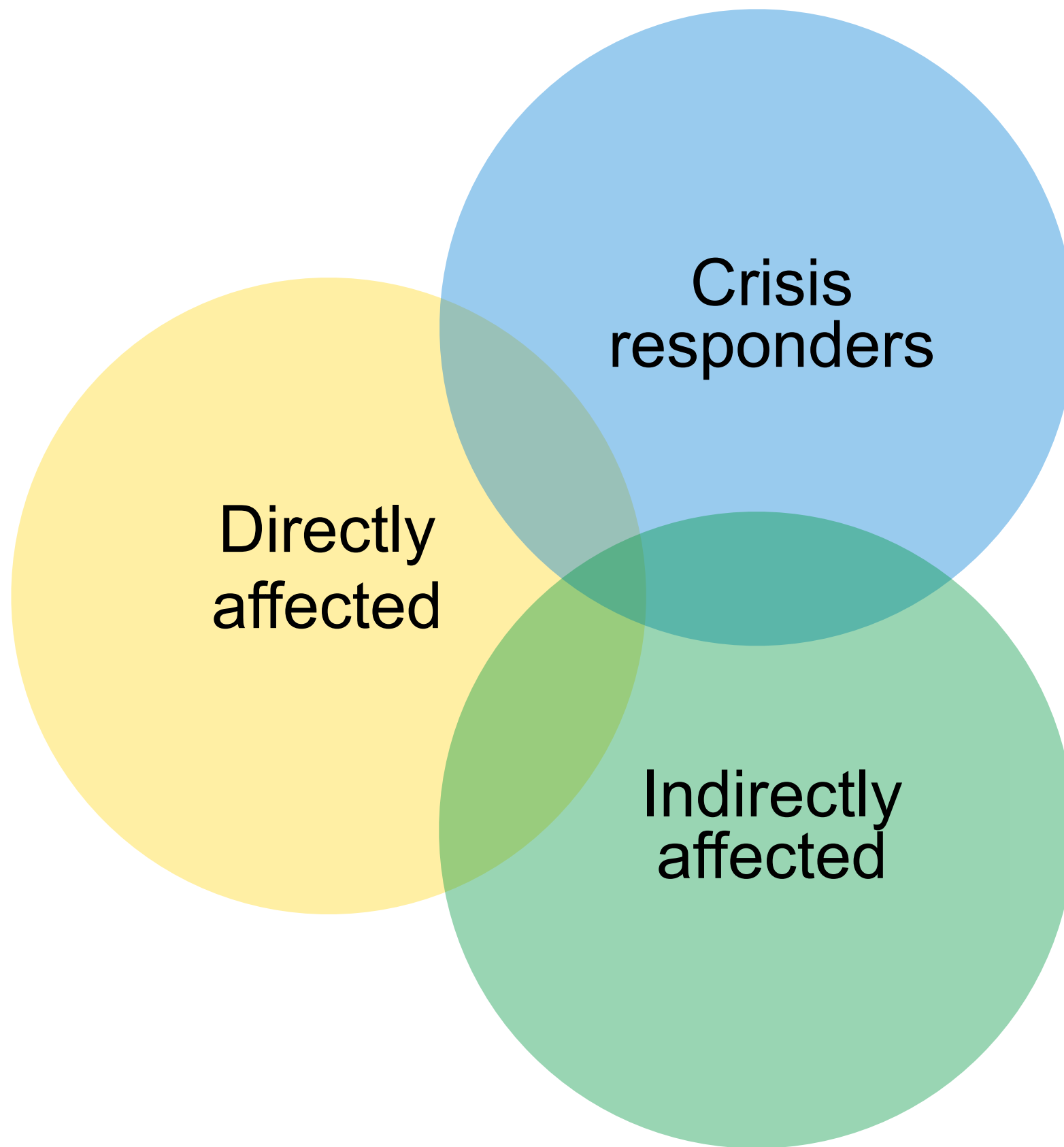




“The Internet was designed with a significant degree of resilience built in and I am pleased to know that it has often served as an important platform for communication during emergencies.”

Vint Cerf, Chief Internet Evangelist, Google

our users



Common Needs: Directly Affected

- Where are my family / loved ones?
- How do I notify others of my well-being?
- Who can I contact for help?
- Where can I go if I can't go home?
- Where can I seek medical attention?
- When is the power coming on again?
- What is the status of the roads / public transportation?
- What can I do to help?

Common Needs: Indirectly Affected

- Where are my family / loved ones?
- How do I get in touch with them?
- How can I help my family?
- What just happened?
- How severe is it? What are victims saying?
- What are the best sources of information?
- What can I do to help?

Common Needs: Crisis Responders

- How do I decide where to distribute aid?
- How do I visualize survey data?
- How can I find out what other responders are doing?
- Where are my own staff and supplies?
- I'm not a tech person. Is there a better way to share data than emailing spreadsheets?
- Social media is untrustworthy and overwhelming. How can I make good use of it?

our tools

Simple

Standard

Open

Person Finder: Haiti Earthquake

English | [Français](#) | [Kreyòl](#) | [Español](#)

What is your situation?

**I'm looking for
someone**

**I have information
about someone**

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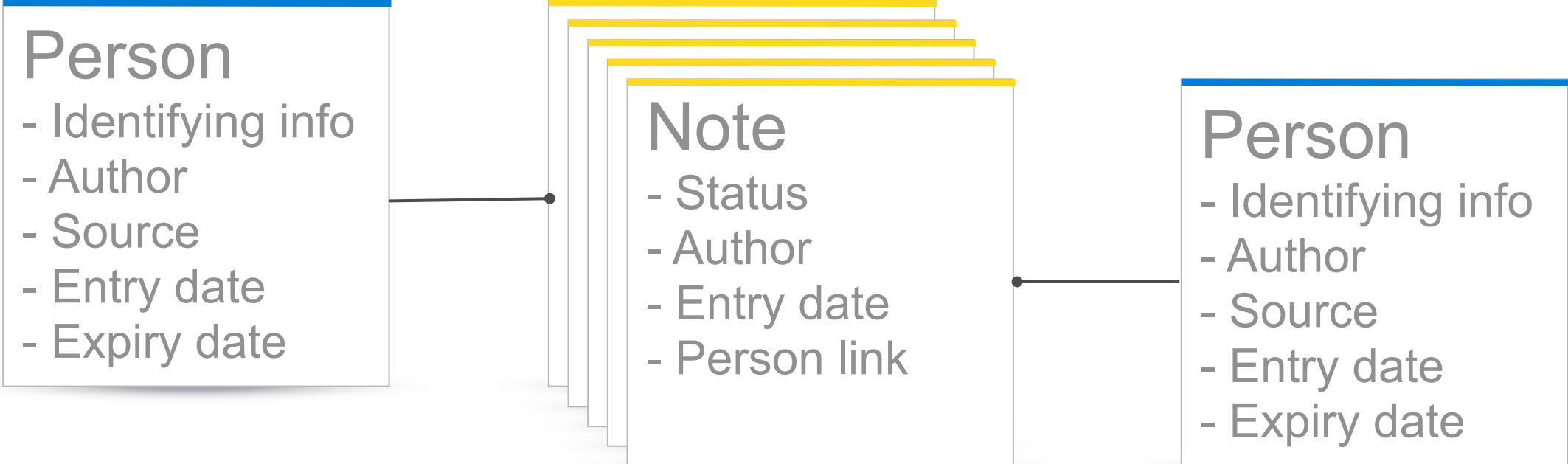
[Embed this tool on your site](#) - [Developers](#) - [Terms of Service](#)

powered by
Google

PFIF Design Principles

- Convergence
 - Bringing data together from disparate systems and sources
- Data must be traceable
 - Data may have unknown reliability and accountability
- No central authority
 - Each aggregator chooses which data sources to trust
- Duplicates are allowed
 - Records can be linked, but each aggregator decides how

PFIF Data Model



Person Finder Data API

- XML + REST + Atom

- Search

`/api/search?q=part_of_a_name`

- Read

`/api/read?id=person_record_id`

`/feeds/person`

`/feeds/note`

- Write

`/api/write?key=auth_token`

Try it: <https://test-nokey.googlepersonfinder.appspot.com>



googlepersonfinder

Searchable missing person database based on PFIF. An App Engine app in Python.

Search projects

Project Home

[Downloads](#)

[Wiki](#)


[Issues](#)

[Source](#)

Summary [Updates](#) [People](#)

Project Information

★ Star project

[Activity](#)  High
[Project feeds](#)

Code license

[Apache License 2.0](#)

👤 **Members**

kpy@google.com,
ali...@google.com,
lschumac...@google.com,
ryanfa...@gmail.com
[13 committers](#)

Featured

📄 **Wiki pages**

[DeveloperGuide](#)
[Show all »](#)

This missing person database implements the [PFIF](#) data model, including import and export in PFIF, as well as PFIF Atom feeds. It was created by Google volunteers in response to the Haiti earthquake in January 2010. It was used again for the earthquakes in Chile, Yushu, and Japan, and now runs at <http://person-finder.appspot.com/>.

Users

- Have questions about Person Finder? Check the [FAQ](#).
- Join the [public personfinder mailing list](#) to send us your feedback.

Developers

- Want to customize or improve Person Finder? See the [DeveloperGuide](#).
- Want to embed Person Finder on your own site? See [Embedding](#).
- Want to download from or upload into Person Finder? See [DataAPI](#).

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Powered by [Google Project Hosting](#)

Alcohol/Peroxide | Gloves | A-Z Meds.

Iv tubing/
fluids

Gloves | Cold packs | Band-Aids/
Gauze/Bandages

Syringes/
Needles

Masks/
Respiratory | Assorted & medical
Tubes & medical
Supplies | Drapes / Gowns /
Scrubs

Pillows
Shoats

Drapes
Gowns

paper towels
toilet paper
Cotton | Hand-sanitization/
Hygiene/
Soap / Shampoo
Cleaning / Anti-bacter

Baby
water

Gloves
Charity

FOOD

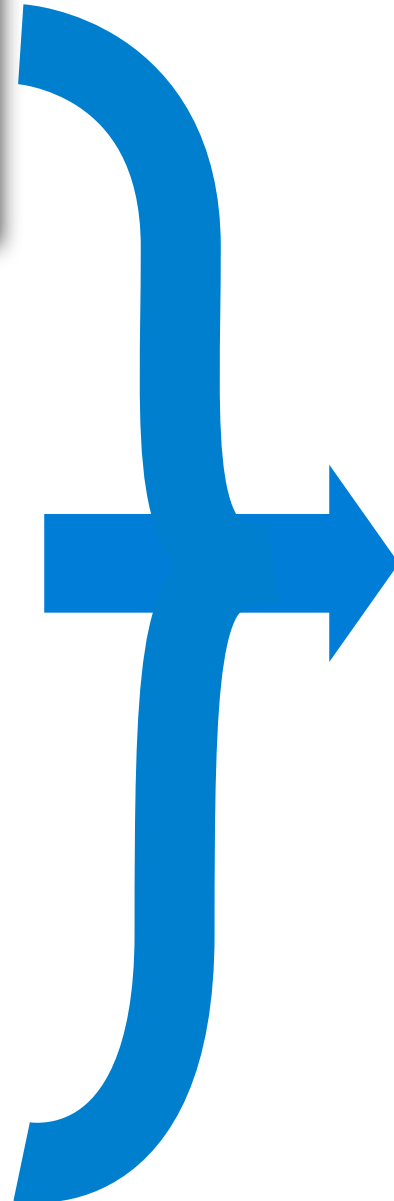
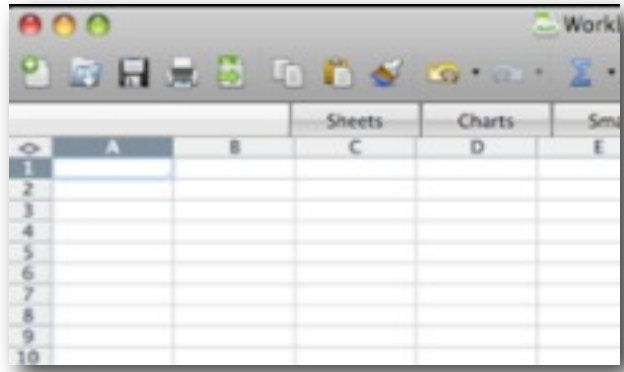
↓
Outside

↓

Resource Finder Goals

- Enable structured updates to information about resources
- In near real-time
- From multiple sources

Updates from multiple sources



- change **supply** to **15**
- for **record 1027**
- by **user@mailprovider.org**
- effective **2011-05-08**

Merge data from multiple sources

U.S. Army, effective 2011-03-22

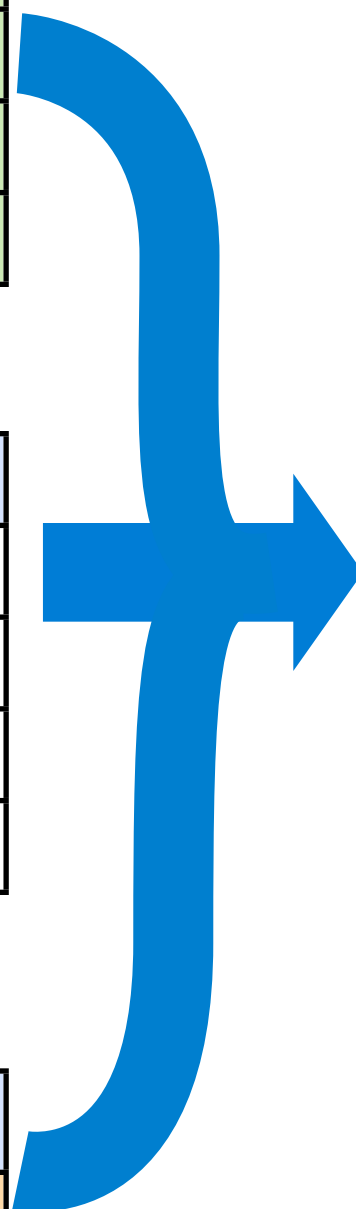
record	status	beds	road access
1018			no
1027			yes
1132			yes
1438			no

Red Cross, effective 2011-04-15

record	status	beds	road access
1018	open	12	
1027	open	19	
1132	closed	0	
1438	closed	0	

Dr. Boniface, effective 2010-05-01

record	status	beds	road access
1027	open	15	no

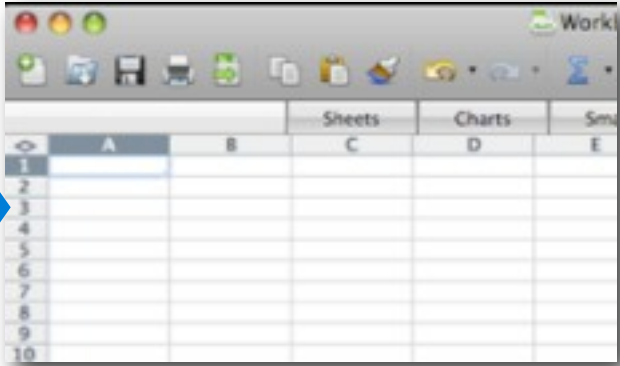


record	status	beds	road access
1018	open	12	no
1027	open	15	no
1132	closed	0	yes
1438	closed	0	no

Push Notifications

Dr. Boniface, effective 2010-05-01

record	status	beds	road access
1027	open	15	no



Show: All

Facility	Services	Open/Total Beds
AMI		- / -
AMI		- / -
APROSIFA		- / -
ASDEV		- / -
ASOLDO		- / -
Action Globale		- / -
Advantage Program - Physical Rehabilitation	General Surgery, Orthopedics, Internal Medicine, Cardiology, Infectious Disease, Pediatrics, Rehabilitation	- / 32
Aeroport National-Batimat		- / -
Ag/s		- / -
Alyans Sante Borgne		- / -
American Field Hospital		- / -
Anse -à- Maçon		- / -
Anse D Hainau Hospital St Jean Baptiste		- / -



Arcahaie Hospital Saint Joseph De Galilee
Argentinian Military Field Hospital
Asad
Asie Communal Medical Campus
Asile St. Vincent De Paul
Baptist Hospital
Baradères
Barbe
Bire (New Mission)
Birthing Centre, Jacmel-St. Helene
Blanchard Public Health Clinic
Bocozelle
Bois - Rouge
Bon Samaritain de Luly
Bon Samaritain des Roseaux
Bonaventure Hospital
Brazilian Temporary Field Hospital
Brunette
Rsd Santa

[Export CSV](#) | [View Master List archive](#)

Resource Finder

Edit 128 Chak Hospital

Name: 128 Chak Hospital
 Alternate name: None
 ID: 13906291848013854290
 Alternate ID: None
 Google Maps Link: <http://www.google.com/mapsmaker?q=4518024830261538435:13906291848013854290>

Available beds:
 Comment:

Total beds:
 Comment:

Services:

- General Surgery
- Orthopedics
- Neurosurgery
- Vascular Surgery
- Internal Medicine
- Cardiology
- Infectious Disease
- Pediatrics
- Postoperative Care
- Rehabilitation
- Obstetrics and Gynecology
- Mental Health
- Dialysis

Language: English | [styping@gmail.com](#) | [Print](#) | [Settings](#) | [Help](#) | [Terms of Service](#) | [Privacy](#) | [Sign out](#)

128 Chak Hospital

HealthG ID: -- PCode: --
 Last updated: 2010-09-26 13:34:09 -05:00

availability	capacity	services
10	11	General Surgery, Internal Medicine

- [Facility details](#)
- [Change details](#)

Address: Khanewal, Pakistan Location: 34.0000° N, 71.6794° E
 ID: 13906291848013854290
 State / Province / Territory: Punjab
 District/County: Khanewal
 Google Maps Link: <http://www.google.com/mapsmaker?q=4518024830261538435:13906291848013854290>
 Category: Hospital
 Comments: FTYPE: TYPE_ESTABLISHMENT_POI ETYPE: TYPE_HOSPITAL ADDR: Khanewal ADDR1: PK ADDR2: Punjab

Tablecast

- Atom extension representing a stream of changes to a dataset
- Designed for use with a pub-sub protocol like PubSubHubbub

```
<tc:edit tc:record="tag:example.org,2010:1027"  
  tc:author="mailto:user@mailprovider.org"  
  tc:effective="2011-04-01T15:27:39Z"  
  tc:type="{http://schemas.google.com/tablecast/2010}row">  
  <tc:row>  
    <tc:field tc:name="beds"  
      tc:comment="estimated by doctors on site">15</tc:field>  
  </tc:row>  
</tc:edit>
```

- More information: <http://tablecast.org>



Common Alerting Protocol

- OASIS, ITU standard
- Normalized format across all types of alert messages
- Flexible targeting

```
<alert xmlns="urn:oasis:names:tc:emergency:cap:1.1">
  <identifier>AL20110412020900TornadoWarning</identifier>
  <sender>w-nws.webmaster@noaa.gov</sender>
  <sent>2011-04-11T21:18:07-05:00</sent>
  <status>Actual</status>
  <msgType>Alert</msgType>
  <scope>Public</scope>
  <info>
    <language>en-US</language>
    <category>Met</category>
    <event>Tornado Warning</event>
    <urgency>Immediate</urgency>
    <severity>Extreme</severity>
    <certainty>Observed</certainty>
    <effective>2011-04-11T21:09:00-05:00</effective>
    <expires>2011-04-11T21:30:00-05:00</expires>
    <headline>Tornado Warning issued April 11 at 9:09PM CDT
    9:30PM CDT by NWS Birmingham</headline>
    <instruction>Do not wait to see or hear the tornado.
    For your protection, move to an interior room on the
    lowest floor of your home or business.</instruction>
    <area>
      <areaDesc>Cleburne</areaDesc>
      <polygon>33.61,-85.58 33.65,-85.58 33.72,-85.58
      33.81,-85.36 33.7,-85.34 33.7,-85.33 33.68,-85.33
      33.61,-85.58</polygon>
    </area>
  </info>
</alert>
```

Project Information

★ [Star project](#)
[Activity](#)  High
[Project feeds](#)

Code license
[Apache License 2.0](#)

Labels
[Java](#), [Library](#), [Protocol](#),
[CAP](#),
[CommonAlertingProtocol](#)

 **Members**
[shak...@google.com](#)
[4 committers](#)

Featured

 **Downloads**
[cap-library-r1.zip](#)
[Show all »](#)

Links

External links
[CAP Validator](#)
[CAP Cookbook](#)

The CAP Library is a collection of code and tools to work with public alerting messages in the [Common Alerting Protocol](#) format.

- An easy-to-use, well-tested Java library for parsing and creating messages in the CAP format.
- Support for creating and parsing feeds of CAP messages
- Support for validating messages against common CAP profiles
- A simple [web application](#) that validates the correctness of CAP messages

See a problem? File it on the [Issues list](#)
Have a question? Ask the [discussion forum](#)
Want to contribute a new feature or a bug fix? See the [DeveloperHowTo](#)

Jump to: [How to publish](#) | [How to subscribe](#) | [FAQ](#)

Google.org created Alert Hub to aggregate all data feeds with emergency information in one location. By pushing alerts and other kinds of emergency information here, publishers can make it easy for developers around the world to ingest and distribute relevant data to users.

Alert Hub implements [PubSubHubbub](#), a simple, open, server-to-server publish and subscribe protocol. Publishers send their alert feeds to Alert Hub, and it will push the updates in that feed to subscribers.

This hub is supported and run by [Google.org's Crisis Response team](#) as a free service.

How to publish

You start with an [Atom](#) or [RSS](#) feed of alerts. Don't have Atom or RSS? We're open to other formats. [Ask us](#).

Every time you issue a new alert, tell the hub. [Code is available](#) in PHP, Java, C#, Python, Perl, Ruby, and more. Don't want to write code? [Ask us](#). We can periodically poll your feed for new alerts.

You'll also want to include a link in your feed to tell your users that they can subscribe to Alert Hub and get updates pushed to them instead of polling your feed. This reduces traffic to your servers and pushes alerts to your subscribers faster.

```
<link rel="hub" href="http://alert-hub.appspot.com"/>
```

You can view stats on your feed using the [publish page](#).

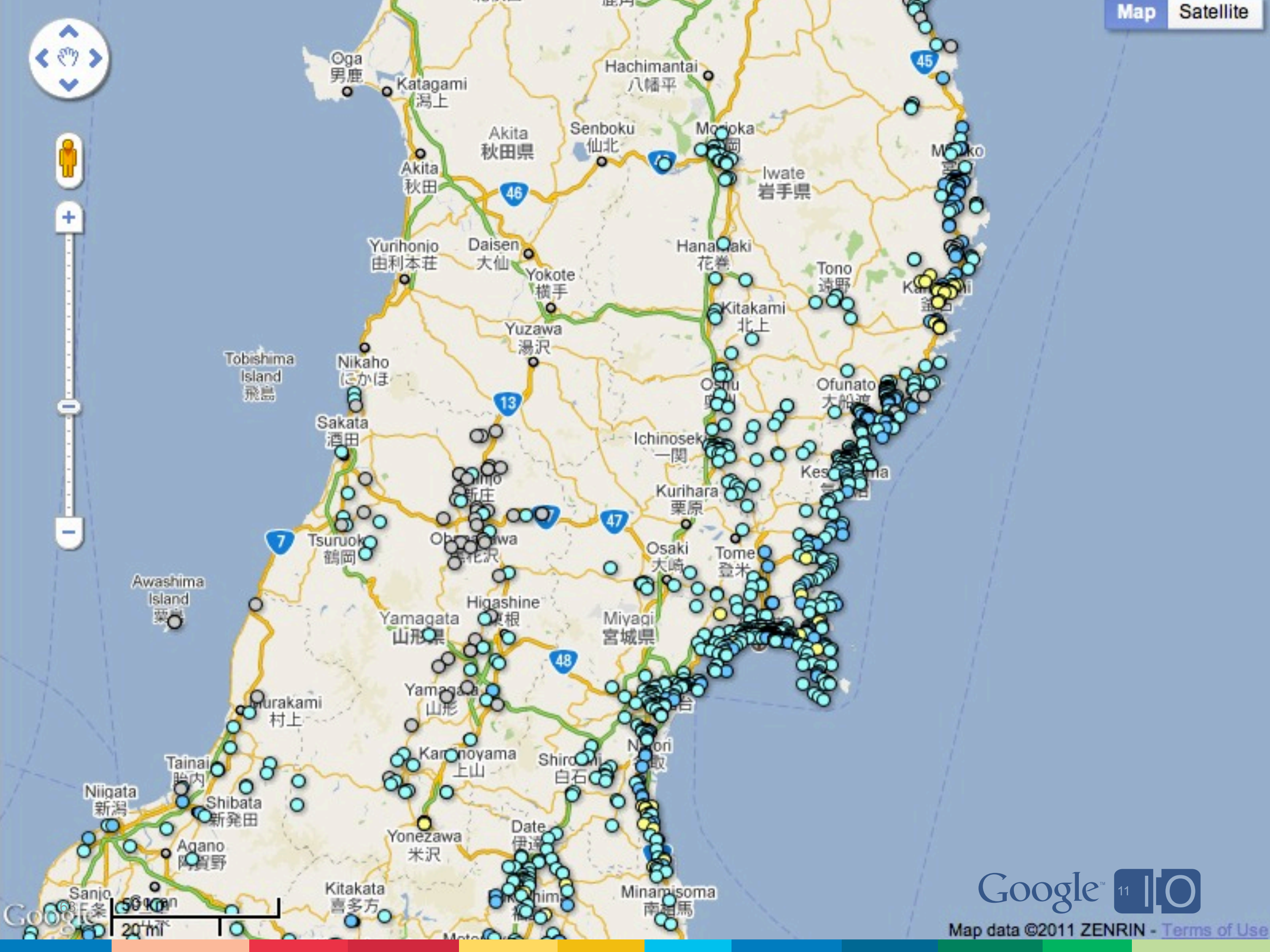
How to subscribe

You subscribe to Alert Hub by providing 2 URLs:

1. Topic: The URL of the feed to which you'd like to subscribe
2. Callback: A URL on your server to send updates to that feed

Here is an example. Let's say `http://alertpublisher.info` had a feed of alerts at `http://alertpublisher.info/atom`. A subscriber at `http://example.com` wants to subscribe to this feed. He writes some code that uses the PubSubHubbub protocol and exposes it at `http://example.com/pshb`. Then he subscribes by passing

1. Topic: `http://alertpublisher.com/atom`
2. Callback: `http://example.com/pshb`



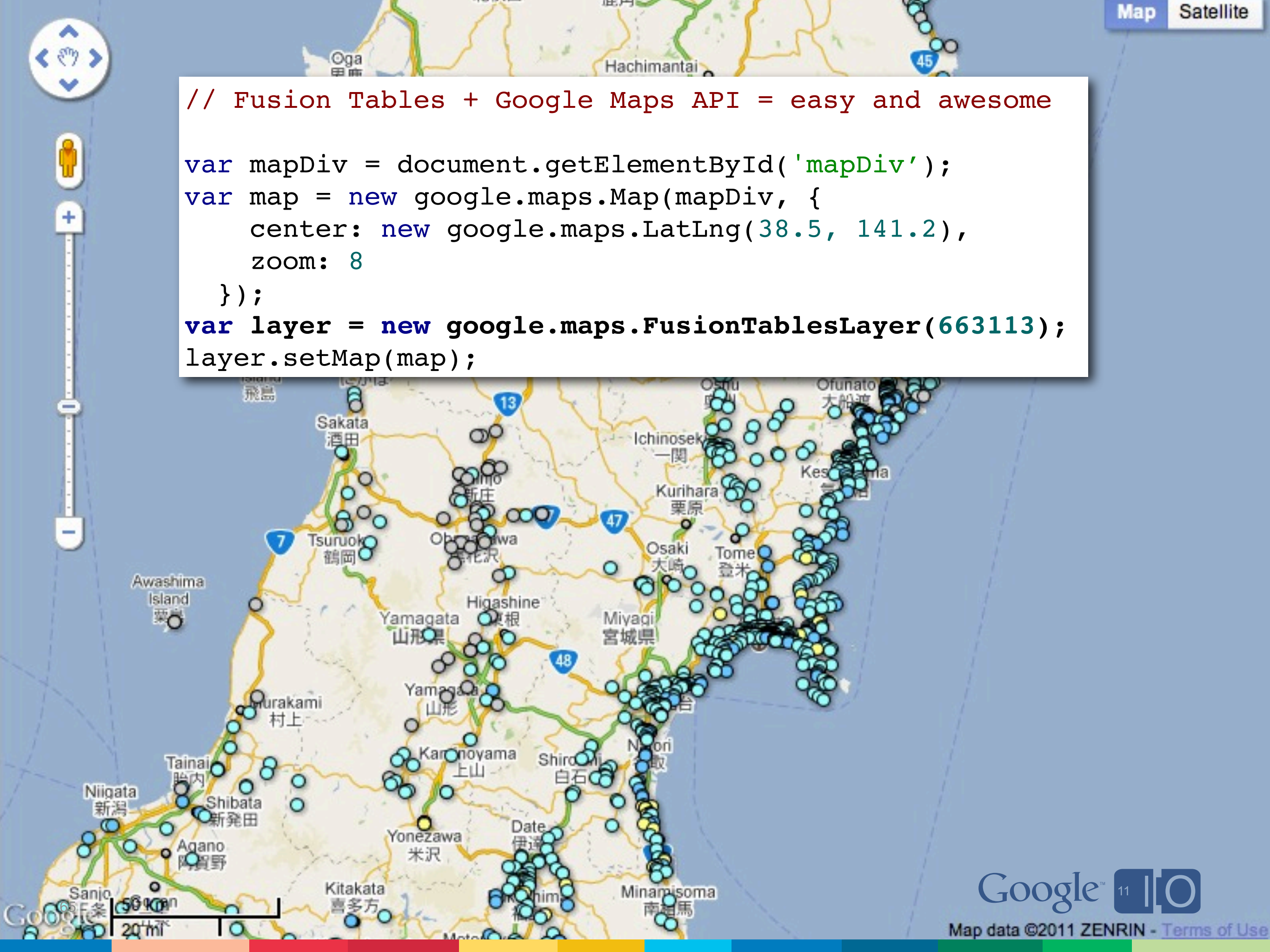
Fusion Tables

- Easily visualize and publish data in the cloud
- Simple API with SQL-like querying, and spatial querying
- Column-level access controls




```
// Fusion Tables + Google Maps API = easy and awesome
```

```
var mapDiv = document.getElementById('mapDiv');  
var map = new google.maps.Map(mapDiv, {  
  center: new google.maps.LatLng(38.5, 141.2),  
  zoom: 8  
});  
var layer = new google.maps.FusionTablesLayer(663113);  
layer.setMap(map);
```



Open Standards for Crisis Response

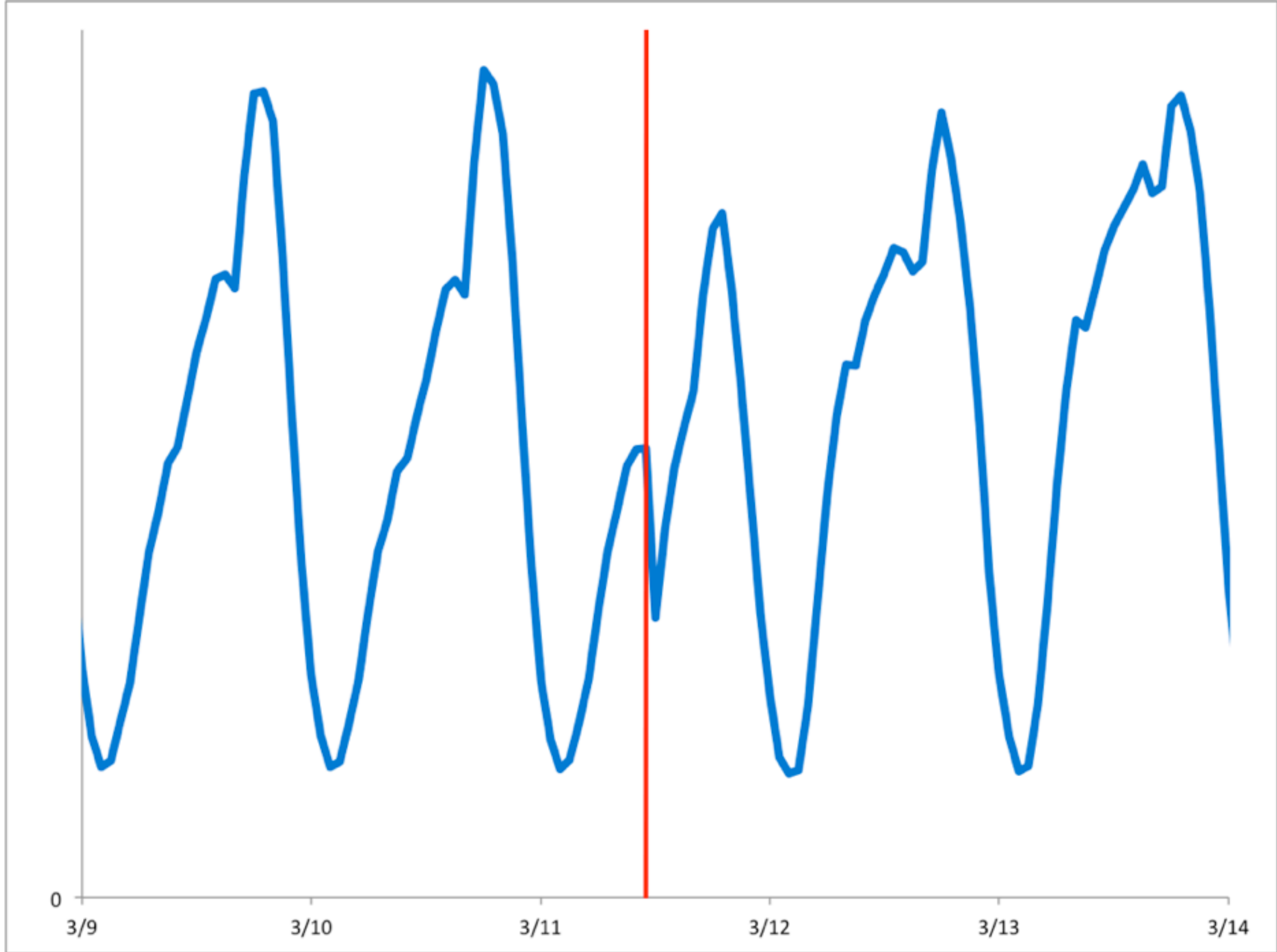
- PFIF - Person Finder Interchange Format
- Tablecast - Enables real-time updates for tabular data
- CAP - Common Alerting Protocol
- KML - Keyhole Markup Language

“Open systems win.”

Jonathan Rosenberg, Google

march 11, 2011







Open letter of thanks to everyone at Google from Tokyo, Japan

From: **Ruth Shiraishi**

Date: Fri, Mar 25, 2011 at 1:35 PM

To Whom it May Concern,

My name is Ruth and I help lead a company in Tokyo. I first met Ms. K from Google, Japan some 8 years ago when you were a fledgling search engine here and since then have had the honor to meet many consultants and employees from Google ...

However, on March 11, your technology changed our lives.

At 2:46 p.m. when the earthquake struck Japan our phones would not connect. I remember standing in the middle of Ginza, watching glass panels on skyscrapers shake and vibrate, taxi drivers stop and get out of their cars, people all looking up. Looking up and wondering, "Will this be the last thing I see?"

I also remember dialing my children's number again and again on my blackberry to try and make sure my daughter at her friends house in Gotanda and my son on his way in to the city on the train, were okay. As the after shocks came, I saw countless people tapping their mobile phones hoping to get through to someone, some how. I walked to one of our buildings nearby and all of us were seeking some type of communication and more than anything else, Gmail came through for us.

Our desk top email systems would not go through, our phones SMS would not work but gmail connected. Gmail connected us to each other in the company, to our loved ones around Tokyo and worried family and friends around the world.

I personally on behalf of everyone at my company, and probably a very large part of the Japanese population would like to thank you for all the work and effort you have put into developing Gmail. I dont really know how it works, but it definitely WORKS and for all of us, in many ways, you really saved the day.

I am sure that developing all the various cutting edge products takes a lot of effort, team work and patience. Please hang in there and keep innovating. For Japan, I think your position as the best communication method in an emergency situation has been cemented and putting up the earthquake info link on your top page almost immediately made everyone in Japan know your concern and care for us when we all felt afraid and vulnerable. As Embassies expressed "support" while they advised their citizens to get out and as the overseas media latched on to any hype to be dragged from the tragedy, you were there as a fundamental source of information and communication for people on the ground and in the fray.

With Sincere Thanks,
Ruth Shiraishi
Tokyo, Japan



Open letter of thanks to everyone at Google from Tokyo, Japan

From: Ruth Shiraishi

Date: Fri, Mar 25, 2011 at 1:35 PM

To Whom it May Concern,

My name is Ruth and I help lead a company in Tokyo. I first met Ms. K from Google, Japan some 8 years ago when you were a fledgling search engine here and since then have had the honor to meet many consultants and employees from Google ...

However, on March 11, your technology changed our lives.

At 2:46 p.m. when the earthquake struck Japan our phones would not connect. I remember standing in the middle of Ginza, watching glass panels on skyscrapers shake and vibrate, taxi drivers stop and get out of their cars, people all looking up. Looking up and wondering, "Will this be the last thing I see?"

I also remember dialing my children's number again and again on my blackberry to try and make sure my daughter at her friends house in Gotanda and my son on his way in to the city on the train, were okay. As the after shocks came, I saw countless people tapping their mobile phones hoping to get through to someone, some how. I walked to one of our buildings nearby and all of us were seeking some type of communication and more than anything else, Gmail came through for us.

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Ruth Shiraishi
Tokyo, Japan

Google

[Advanced search](#)
[Language tools](#)

Google Search

I'm Feeling Lucky

Tsunami Alert for New Zealand, the Phillipines, Indonesia, Papua New Guinea, Hawaii, and others.
Waves expected over the next few hours, caused by 8.9 earthquake in Japan.

[Advertising Programs](#)

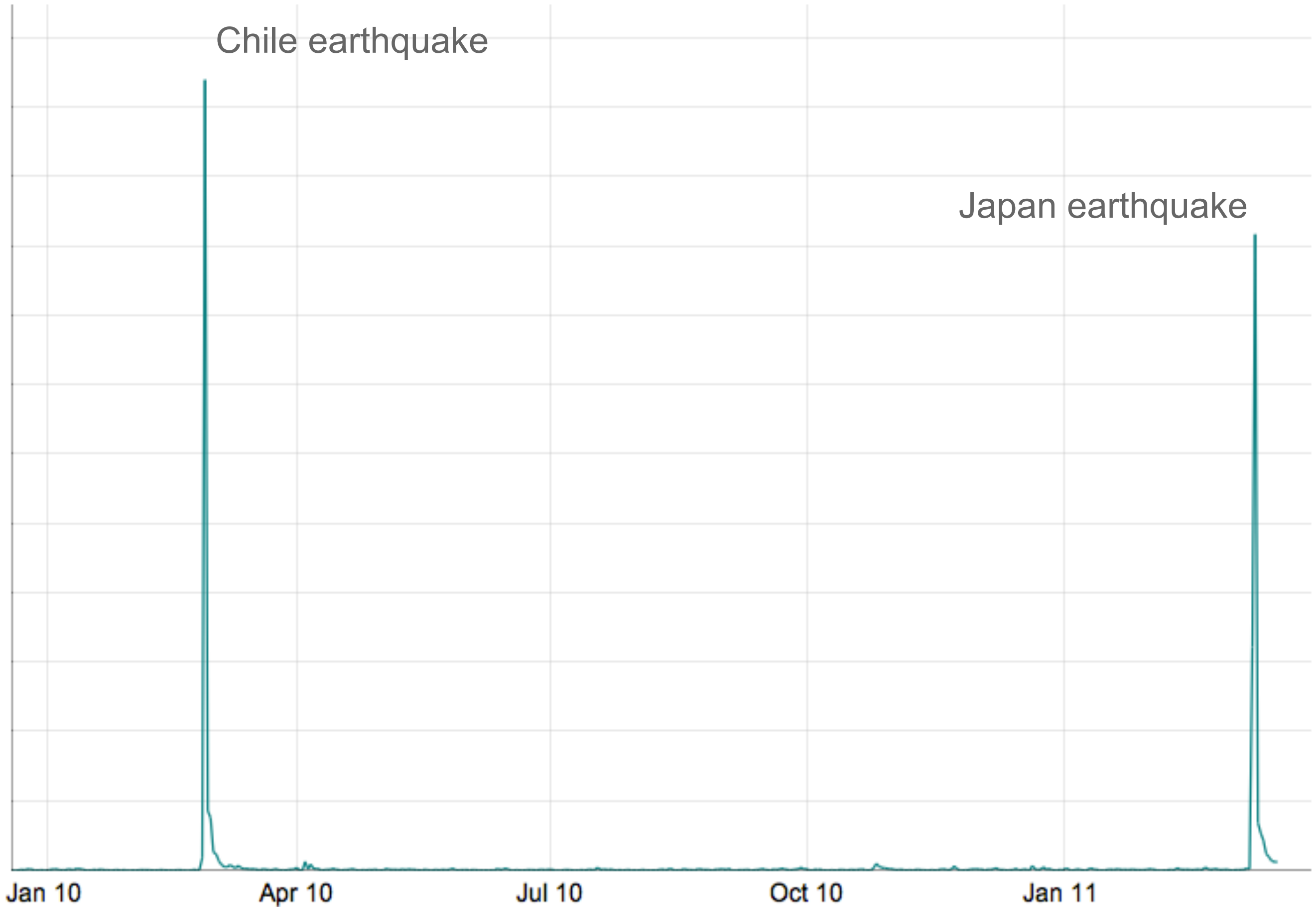
[Business Solutions](#)

[About Google](#)

© 2011 - [Privacy](#)

Chile earthquake

Japan earthquake



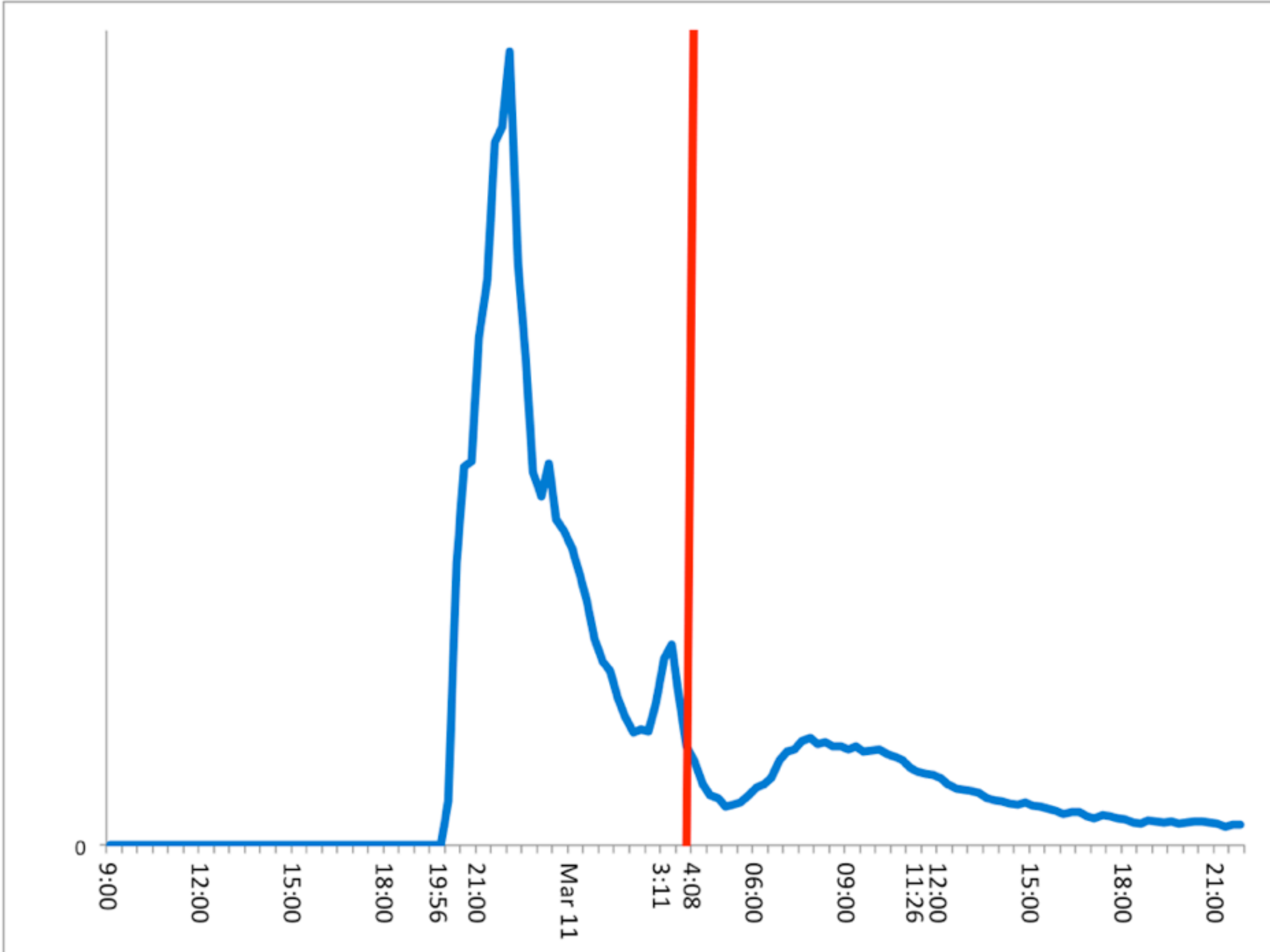
Jan 10

Apr 10

Jul 10

Oct 10

Jan 11





PICS **comments** related

Please, no DAE posts. There is a subreddit for that.

↑
2080
↓



Don't know if this is new, but this is a Google feature I can really get behind. (i.imgur.com)

submitted 17 days ago by C_IsForCookie
329 comments share

sorted by: **best** ▼

you are viewing a single comment's thread.
[view the rest of the comments](#) →

↕ **hectavex** 3 points 16 days ago [-]

My mother lives in Hawaii, and thanks to Google I was able to start worrying about that as soon as I got to work and popped open my browser. Google knows they are the first connection to the world for many people in the morning, and they use that power elegantly. Thank you Google!

[permalink](#)

どちらかを選択してください。

[人を探している](#)

[消息情報を提供する](#)

現在、およそ 615600 件の記録が登録されています。

短縮 URL : <http://goo.gl/sagas> (携帯対応)

[情報提供元](#) (NHK 安否情報も含みます)

[災害に関する情報](#)

注: 入力したデータはすべて公開され、誰でも表示、使用できる状態になります。また、消息データには、直接、ユーザーがパーソンファインダーに入力した情報のほか、公開された情報その他の情報源に基づき入力された情報が含まれています。Google では、これらのデータの正確性の確認は実施しておりません。

[このツールを自分のサイトに埋め込む - デベロッパー - 利用規約](#)

powered by 

Charts ?

Requests/Second ▾

6 hrs

12 hrs

24 hrs

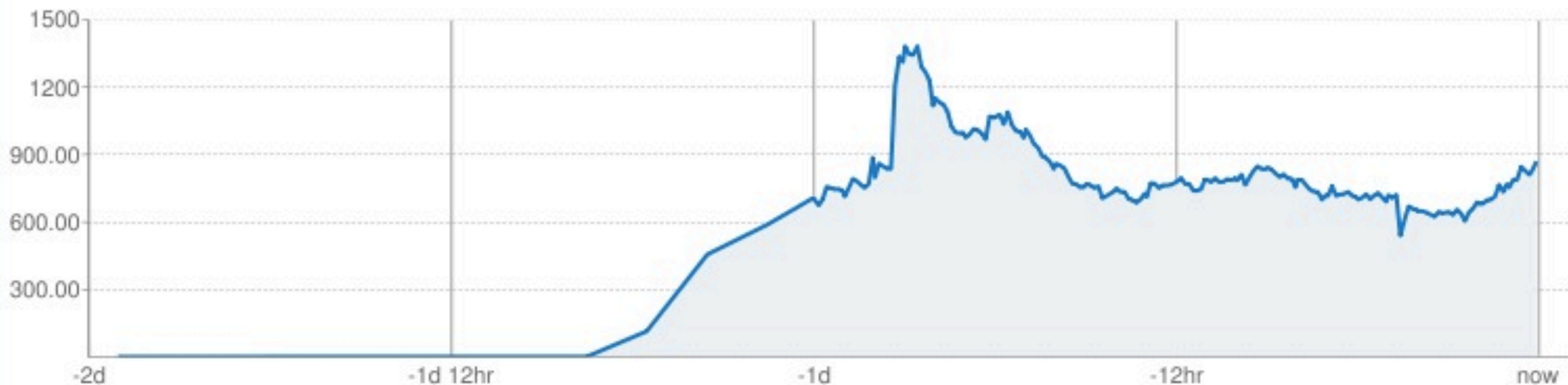
2 days

4 days

7 days

14 days

30 days



Instances ?

Number of Instances - [Details](#)

Average QPS

Average Latency

Average Memory

231 total

1.767

155.0 ms

74.8 MBytes

Billing Status: Free - [Settings](#)

Quotas reset every 24 hours. Next reset: 19 hrs ?

Resource	Usage		
CPU Time	<div style="width: 0%;"></div>	0%	521.08 CPU hours
Outgoing Bandwidth	<div style="width: 0%;"></div>	0%	90.06 GBytes
Incoming Bandwidth	<div style="width: 0%;"></div>	0%	7.03 GBytes
Total Stored Data	<div style="width: 0%;"></div>	0%	2.35 GBytes
Recipients Emailed	<div style="width: 0%;"></div>	0%	1,575

- Dashboard
- Intelligence Beta
- Visitors**
 - Overview
 - Map Overlay
 - New vs. Returning
 - Languages
 - ▼ Visitor Trending
 - Visits
 - Absolute Unique Visitors
 - Pageviews**
 - Average Pageviews
 - Time on Site
 - Bounce Rate
 - ▶ Visitor Loyalty
 - ▶ Browser Capabilities
 - ▶ Network Properties
 - ▶ Mobile
 - User Defined
 - Custom Variables
- Traffic Sources
- Content
- Goals

Export | Email | Add to Dashboard

Advanced Segments: All Visits

Overview »

Pageviews for all visitors

Mar 10, 2011 - Mar 17, 2011

Pageviews

Graph by: [Line] [Bar] [Area] [Table]



Site Usage

- 21,779,574 Visits**
- 00:03:24 Avg. Time on Site**
- 3.84 Pages/Visit**

[view report](#)

Traffic Sources Overview

- **Referring Sites**
18,385,912.00 (84.42%)
- **Direct Traffic**
1,790,859.00 (8.22%)
- **Search Engines**
1,602,139.00 (7.36%)
- **Other**
662 (> 0.00%)

[view report](#)

Visitors Overview

5 000 000

Map Overlay

東日本大震災（東北地方太平洋沖地震） このサイトの URL: <http://goo.gl/saigai>

3月11日午後2時46分ごろ、マグニチュード9.0を記録する地震が東北地方太平洋沖で発生しました。この度の地震により被災された皆さまに謹んでお見舞い申し上げます。

Googleでは、災害関連情報を集めた特設サイトを提供しています。特設サイトでは、安否情報を検索・確認できるパーソンファインダー、被災地向けに提供している生活情報、交通実績情報、その他にも、義援金受付や、震災関連の情報を提供しています。



被災地向け情報 携帯サイト

<http://goo.gl/keitai>

[携帯サイトのご案内 \(PDF\)](#)

パーソンファインダー Person Finder (消息情報)

[Person Finder \(消息情報\): 2011 東日本大震災](#)

[日本語](#) | [English](#) | [한국어](#) | [中文\(简体\)](#) | [中文\(繁體\)](#) | [Português \(Brasil\)](#) | [español](#) | [Tiếng Việt](#)

どちらかを選択してください。

[人を探している](#)

[消息情報を提供する](#)

義援金



日本赤十字社

¥

日本円で金額を入力

Donate

Google Checkout

集められた義援金は、日本赤十字社を通じて被災者の皆様のために使われます。なお個別に領収書等は発行しておりませんので、ご了承ください。

他に寄付金を受け付けている団体（認定 NPO 法人）：

[ピースウィンズ・ジャパン \(PWJ\)](#)

[特定非営利活動法人 ジェン](#)

災害に関する情報

[首相官邸](#)

[助け合いジャパン](#)

[内閣官房震災ボランティア連携室 連携民間プロジェクト](#)

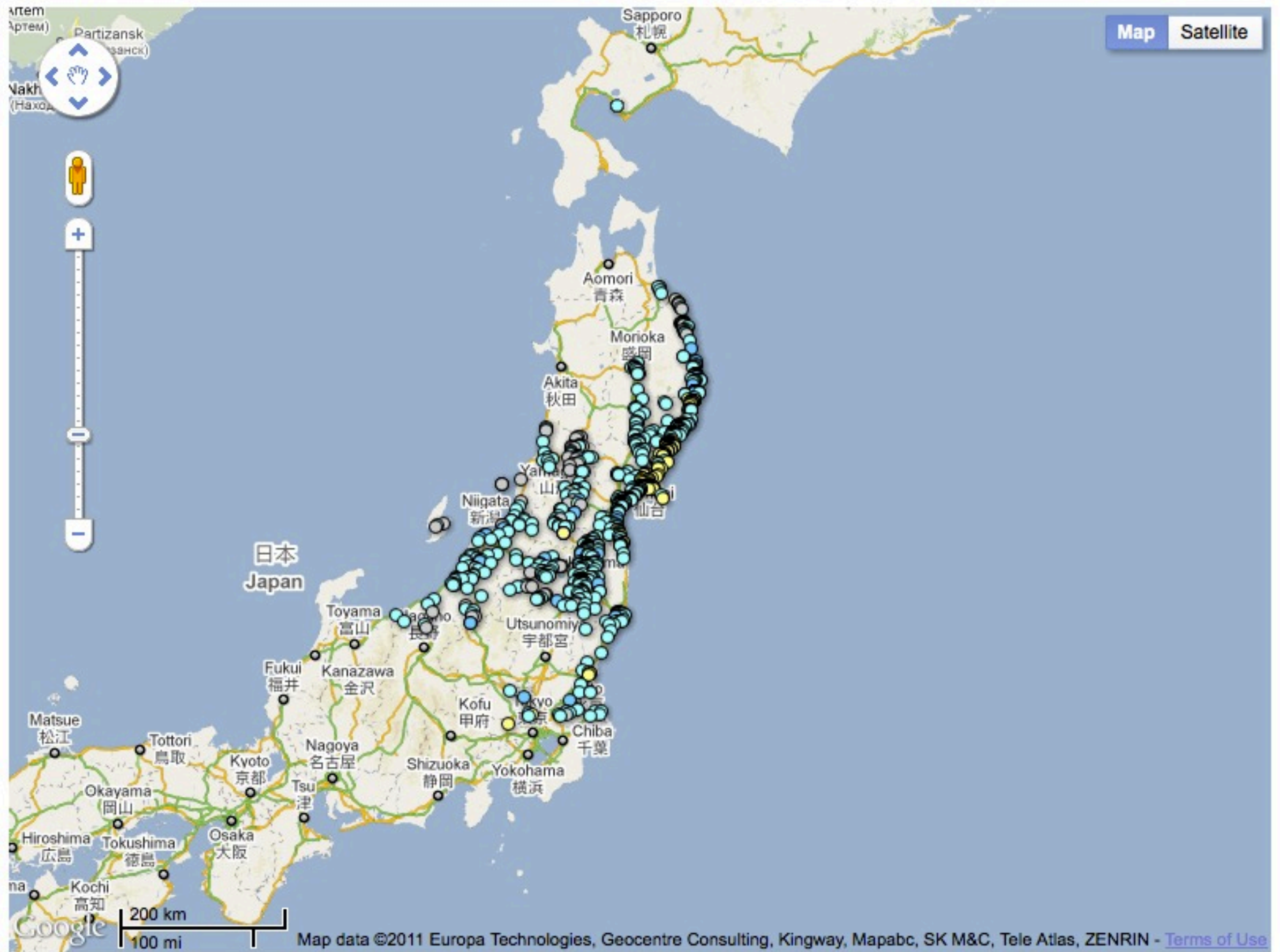
[Yahoo! 復興支援情報](#)

[NHK 各放送局災害情報 \(携帯対応\)](#)

[原子力安全・保安院](#)

[チェーンメール等にご注意ください \(総務省\)](#)

● 人数未確認 ○ 避難人数 0 人 ● 避難人数 0 人から 200 人 ● 避難人数 200 人以上








Google Japan 's Public Gallery Albums (60)

Sort displayed albums by: Upload date

Share

 **Google Japan photos**
 +8 Follow

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-  "PFWチェック開始" shiba ta
-  "善王寺コミュニティセンター避難者名簿..." 長島R
-  "Sawaさん、片寄 (かたよせ) さんでよ..." 宮本昌和
-  "すでに登録されている場合は、行方不明..." oblivion
-  "PFWチェック完了 Ochi" Ochi

Browse Tags

[picnik \(1\)](#)

[RSS](#)



Drop Box
Apr 9, 2011
photos: 6



2011_04_08_1330_name_list
Apr 7, 2011
photos: 1



2011_04_05_1330_name_list
Apr 4, 2011
photos: 8



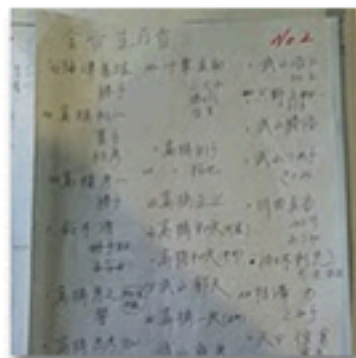
2011_04_03_1330_name_list
Apr 2, 2011
photos: 1



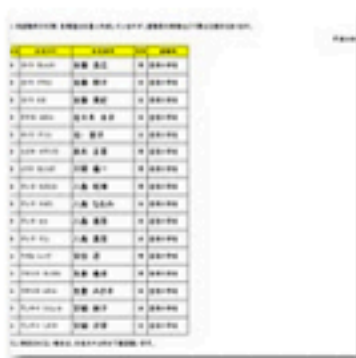
2011_04_02_1330_name_list
Apr 1, 2011
photos: 8



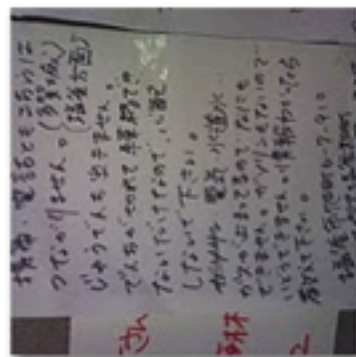
2011_03_31_0130_name_list
Mar 30, 2011
photos: 49



2011_03_30_0130_name_list
Mar 29, 2011
photos: 39



2011_03_28_1820_name_list
Mar 28, 2011
photos: 129



Google Japan > 2011_04_08_1330_name_list

Full screen Share Download Prints

Photo 1 of 1 View All



避難所名簿共有サービス

Google Japan photos +8 Follow

Photo information

Apr 7, 2011
4000x3000 pixels - 1749KB
Filename: DSC_0035.JPG
Camera: TOSHIBA
Model: T-01C
ISO: n/a
Exposure: n/a
Aperture: n/a
Focal Length: n/a
Flash Used: n/a
Latitude: n/a
Longitude: n/a

full details page

Post on: [Social media icons]

Tags

Report abuse
Report issue to owner

Photo reuse

©All rights reserved

Like

Views: 1358

oblivion photos
Apr 7, 2011 10:00 AM

重複チェック
伝言板、検索者名簿である。福島県郡山市と思われる
左から
横田 久子 と思われる。連名の可能性あり、picasaにコメント有り、PF有
り、マサヒコ、コトナリ、孝治さんと連絡されている可能性あり、避難所移動



what do we do next?

tsunami near Hawaii

Hawaii Ads
 Official Hawaii Tourism Site
 Explore the Islands of Aloha
www.gohawaii.com

Pacific Tsunami Museum Inc more info »
 130 Kamehameha Avenue, Hilo, HI
 (808) 935-0926
 13 reviews
 "If you want to learn about Hilo's history then this is the perfect museum to ..."

Tsunami Hawaii more info »
 1272 South King Street, Honolulu, HI
 (808) 596-0700
 ★★★★★ 45 reviews

Intl Tsunami Information Center more info »
 737 Bishop St # 139, Honolulu, HI
 (808) 532-6422

Tsunami Electronics more info »
 29 Central Avenue, Wailuku, HI
 (808) 244-3644
 1 review
 "seems to me that \$600 for a subwoofer (1400 watts) is just too costly!"

Tsunami Data Works LLC more info »
 1325 Nuuanu Ave # 201, Honolulu, HI
 (808) 528-5456

Tsunami Tropicals, Ltd. more info »
 55-691 Kapiko Place, Hawi, HI
 (808) 557-0313

Satellite
 Traffic



PICS **comments** related

Please, no DAE posts. There is a subreddit for that.

↑
2077
↓



Don't know if this is new, but this is a Google feature I can really get behind. (i.imgur.com)

submitted 17 days ago by C_IsForCookie
329 comments share

sorted by: **best** ▼

you are viewing a single comment's thread.
[view the rest of the comments](#) →

↑ **Fidel** 2 points 17 days ago [-]

↓ Doesn't show up on my phone though. They need to port it over to the mobile version to reach an even greater number of people, especially those who aren't accessing a computer anytime soon. Like someone who may be on the beach for example

[permalink](#)

Contributions from dozens of Googlers around the globe

Resources related to the 2011 Japan Crisis

On March 11 at 2:46pm JST a massive 9.0-magnitude earthquake occurred near the northeastern coast of Japan, creating extremely destructive tsunami waves which hit Japan just minutes after the earthquake, and triggering evacuations and warnings across the Pacific Ocean. The earthquake and tsunami have caused extensive and severe damage in Northeastern Japan, leaving thousands of people confirmed dead, injured or missing, and millions more affected by lack of electricity, water and transportation.

This page is being updated continuously to provide the latest information about this crisis, resources for those affected, and ways to contribute to relief efforts in Japan.

Make a donation

- [Japanese Red Cross Society](#)
- [International Medical Corps](#)
- [Unicef](#)
- [Save the Children](#)

[Other ways to help](#)

¥ [Donate](#)

Enter amount in JPY

2000 yen is approximately 25 US dollars.

All funds received will be sent to the [Japanese Red Cross Society](#) donation account and will be distributed directly among those affected by the earthquake and tsunami.

Person Finder

Person Finder: 2011 Japan Earthquake

[日本語](#) | [English](#) | [한국어](#) | [中文\(简体\)](#) | [中文\(繁體\)](#) | [Português \(Brasil\)](#) | [español](#) | [Tiếng Việt](#)

What is your situation?

- [I'm looking for someone](#)
- [I have information about someone](#)

Currently tracking about 395200 records.

短縮 / Short URL : <http://goo.gl/sagas> (携帯対応 / Mobile OK)

[災害に関する情報](#) / [Other Resources](#)

NHK 安否情報も含まます / with data from: NHK

PLEASE NOTE: All data entered will be available to the public and viewable and usable by anyone. Google does not review

Alerts and status

Blackout information

[Google Rolling Blackout Information](#)

We have moved the information about rolling blackout to this new site.

Electric Power Companies (Japanese language)

- [Tohoku-Electric Power](#)
- [Tokyo-Electric Power \(TEPCO\)](#)
- [Hokkaido-Electric Power](#)
- [Chubu-Electric Power](#)

Government Agencies

[Japan Meteorological Agency Tsunami Warnings/Advisories](#)

Alerts and status

Blackout information

[Google Rolling Blackout Information](#)

We have moved the information about rolling blackout to this new site.

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- [Tokyo-Electric Power \(TEPCO\)](#)
- [Hokkaido-Electric Power](#)
- [Chubu-Electric Power](#)

Government Agencies

- [Japan Meteorological Agency Tsunami Warnings/Advisories](#)
- [Nuclear and Industrial Safety Agency](#)
- [Pacific Tsunami Warning Center](#)
- [Prime Minister of Japan and His Cabinet](#) (Japanese language)

U.S. State Dept. & Embassy Resources

U.S. citizens seeking information can go to [the U.S. Department of State Travel site](#) or call 1-888-407-4747 (toll free) or 1-202-501-4444. For U.S citizens in Japan seeking up to date information, go to [the U.S. Embassy in Japan site](#).



a challenge



Lahore

23 June 2008





Crisis Mappers Net

THE INTERNATIONAL NETWORK OF CRISIS MAPPERS



Follow us on Twitter



**Harvard
Humanitarian
Initiative**

Many thanks to the **Harvard Humanitarian Initiative**, for supporting the network, conference series & website!



■ THE CRISIS MAPPERS NETWORK

Leveraging mobile platforms, computational and statistical models, geospatial technologies, and visual analytics to power effective early warning for rapid response to complex humanitarian emergencies.

The **International Network of Crisis Mappers (CM*Net)** is the the largest and most active international community of experts, practitioners, policymakers, technologists, researchers, journalists, scholars, hackers and skilled volunteers engaged at the intersection between humanitarian crises, technology and crisis mapping.

The Crisis Mappers Network was launched by 100 Crisis Mappers at the first International Conference on Crisis Mapping in 2009. As the world's premier crisis mapping hub, CM*Net catalyzes communication and collaboration between and among crisis mappers with the purpose of advancing the study and application of crisis mapping worldwide.

Join our **Google Group** to participate in the latest discussions in this field, add yourself to the **member map**, learn about **what the CrisisMappers Net is &**

Welcome to
Crisis Mappers Net

Sign Up
or **Sign In**




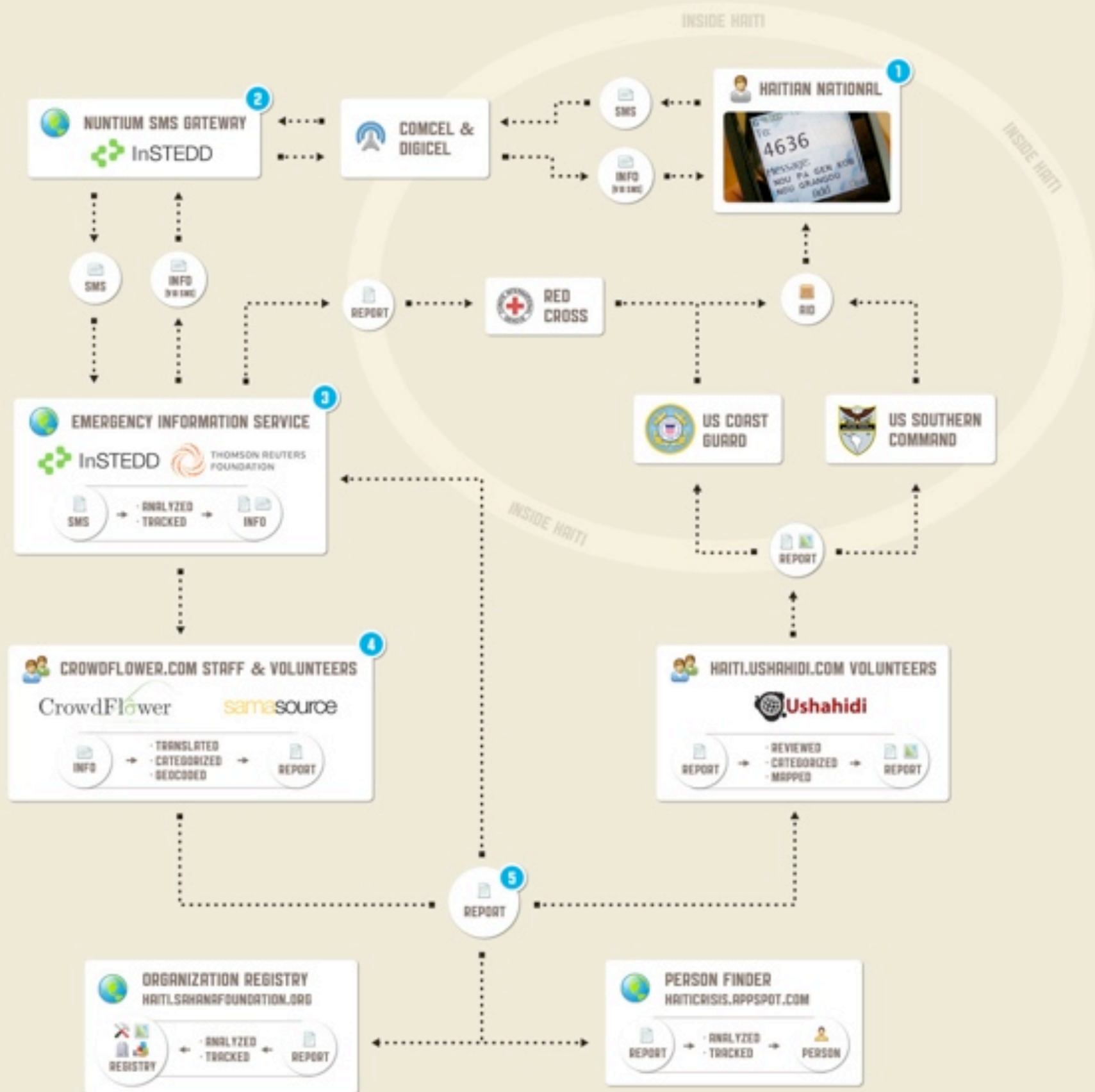
Sign in to chat!

Project 4636

How a simple SMS, sent from a Haitian in need, can be transformed into a powerful resource that fuels the crisis response and recovery effort.

- 1 A Haitian with a need sends an SMS to the 4636 shortcode.
- 2 The SMS is then routed through the Nuntium SMS gateway and onto the Emergency Information Service (EIS).
- 3 Once at EIS, the information in the SMS is analyzed, tracked and then forwarded to the crowdflower.com website.
- 4 A Haitian volunteer or staff member logs onto the website and translates the SMS, adding meta and geospatial information.
- 5 After translation, the information is turned into a Report that goes out to multiple organizations involved in the crisis response and recovery effort.

A product of  **Ushahidi Labs**





Crisis Commons

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Recent Posts

- [CrisisCamp Reading List: Request for Feedback: New Reports from GFDRR & the United Nations](#)
- [Social Media + Emergency Management Camp Comes to NEMA](#)
- [Observations from Active Standby – Open Data, Mobility and Community Indicators](#)

30 Mar 2011, 5:25pm
by [hbcrisiscommons](#)



[leave a comment](#)

CrisisCamp Reading List: Request for Feedback: New Reports from GFDRR & the United Nations

[Tweet](#) 7



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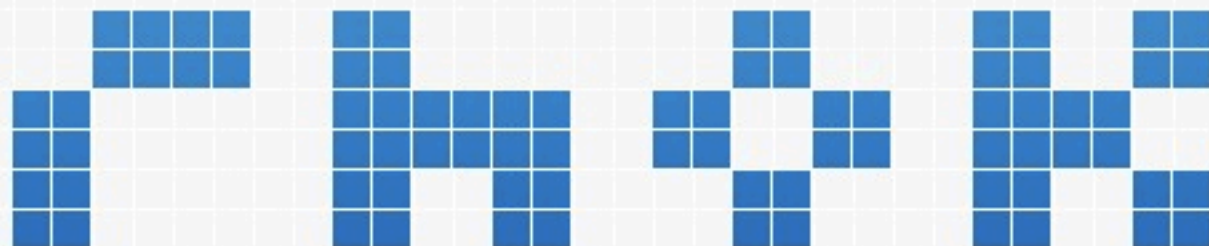


CrisisCommons on Twitter

Lessons learned at CrisisCommons and GIS Corps <http://bit.ly/h3NaRc> #Japan 2 days ago

Blog Archives

Select Month



RHoK #3 on June 4th and 5th

Hackers, mark your calendars. On June 4th and 5th, 2011 Random Hacks of Kindness is coming to a city near you. Taking place in 20 locations around the globe, RHoK #3 will be RHoK's fourth hackathon, and the first with an expanded focus on both disaster risk and climate change. So we are issuing a call to action: Experts in disaster risk and climate change—send your challenges our way. And to the coders, designers, engineers, programmers and geeks of every variety—join us on June 4th and 5th to tackle some real-world problems and hack for humanity.

RHoK #3 will be taking place in:

- Aarhus, Denmark
- Bangalore, India
- Basel, Switzerland
- Berlin, Germany
- Buenos Aires, Argentina
- Hartford, Connecticut, U.S.A.
- Jakarta, Indonesia

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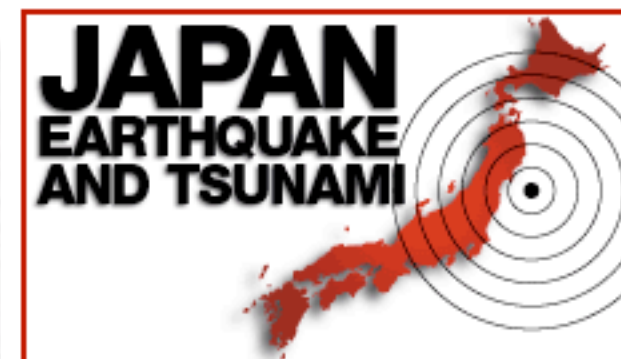
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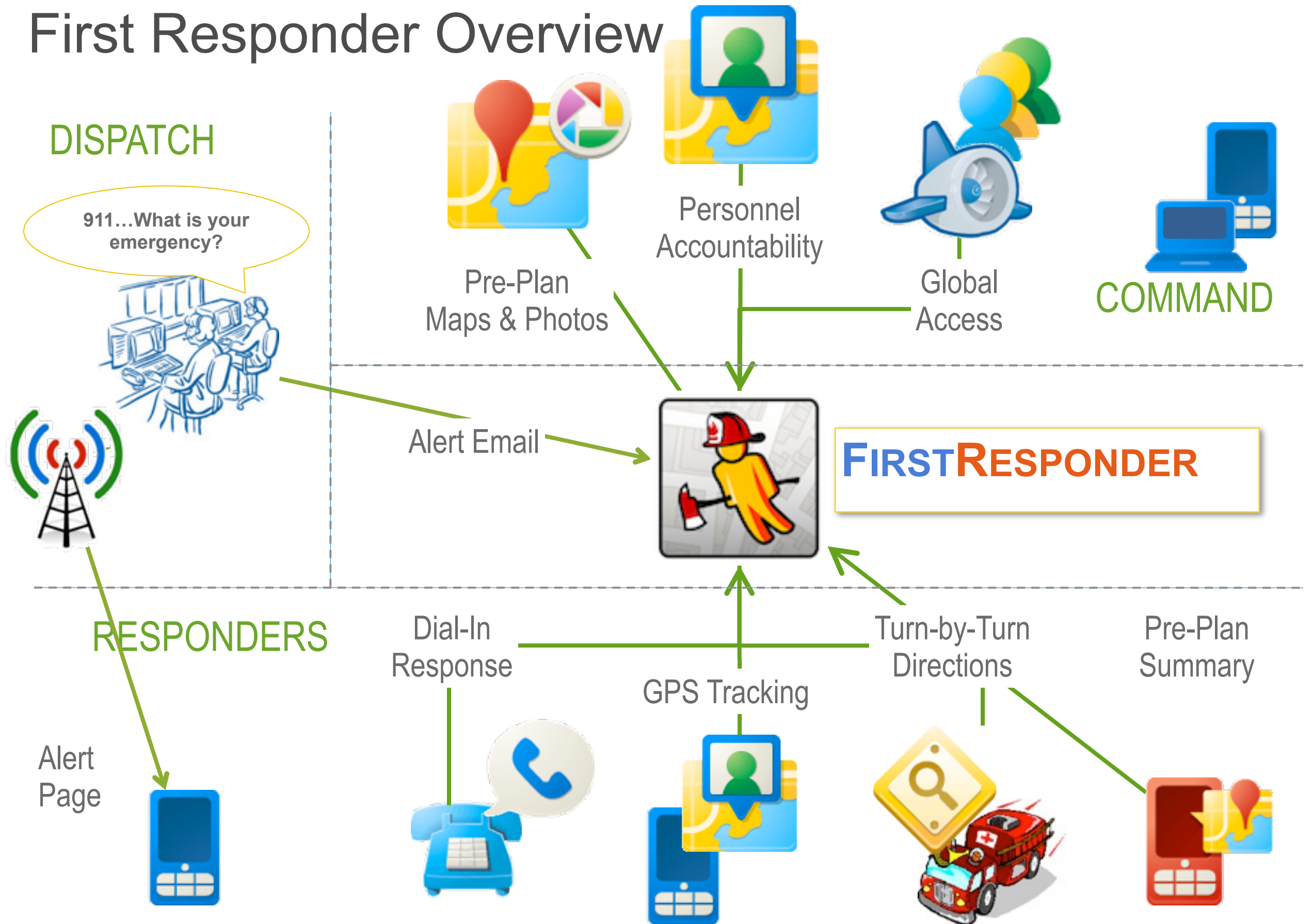
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First Responder Overview





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