



More... Map Satellite Terrain

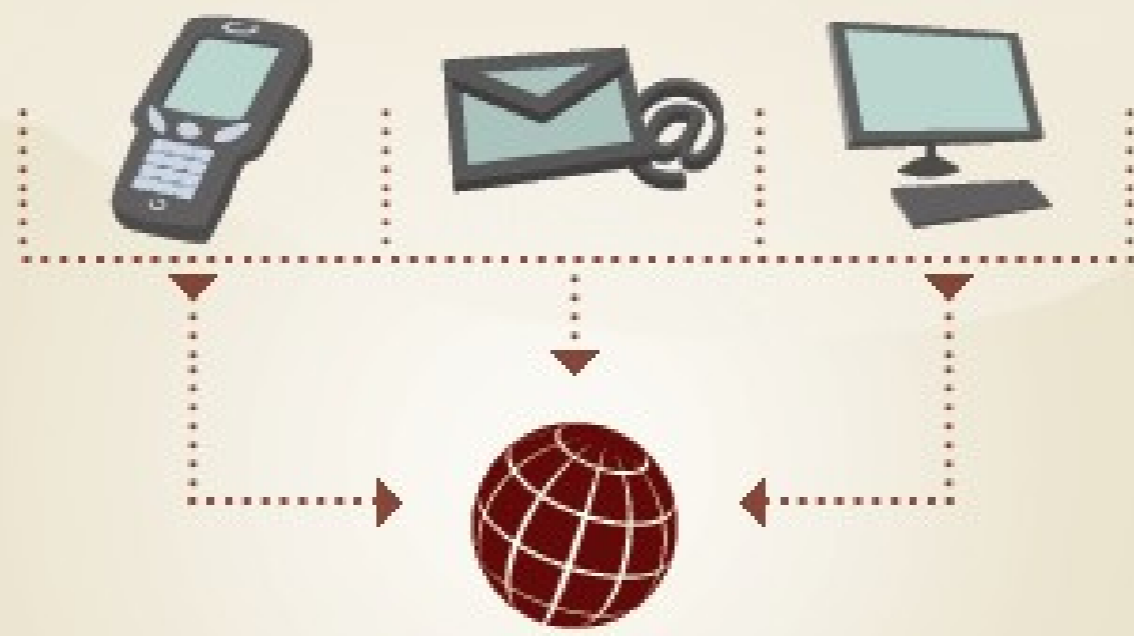


Ushahidi

crowdsourcing crisis information

mobile.crisis.reporting.



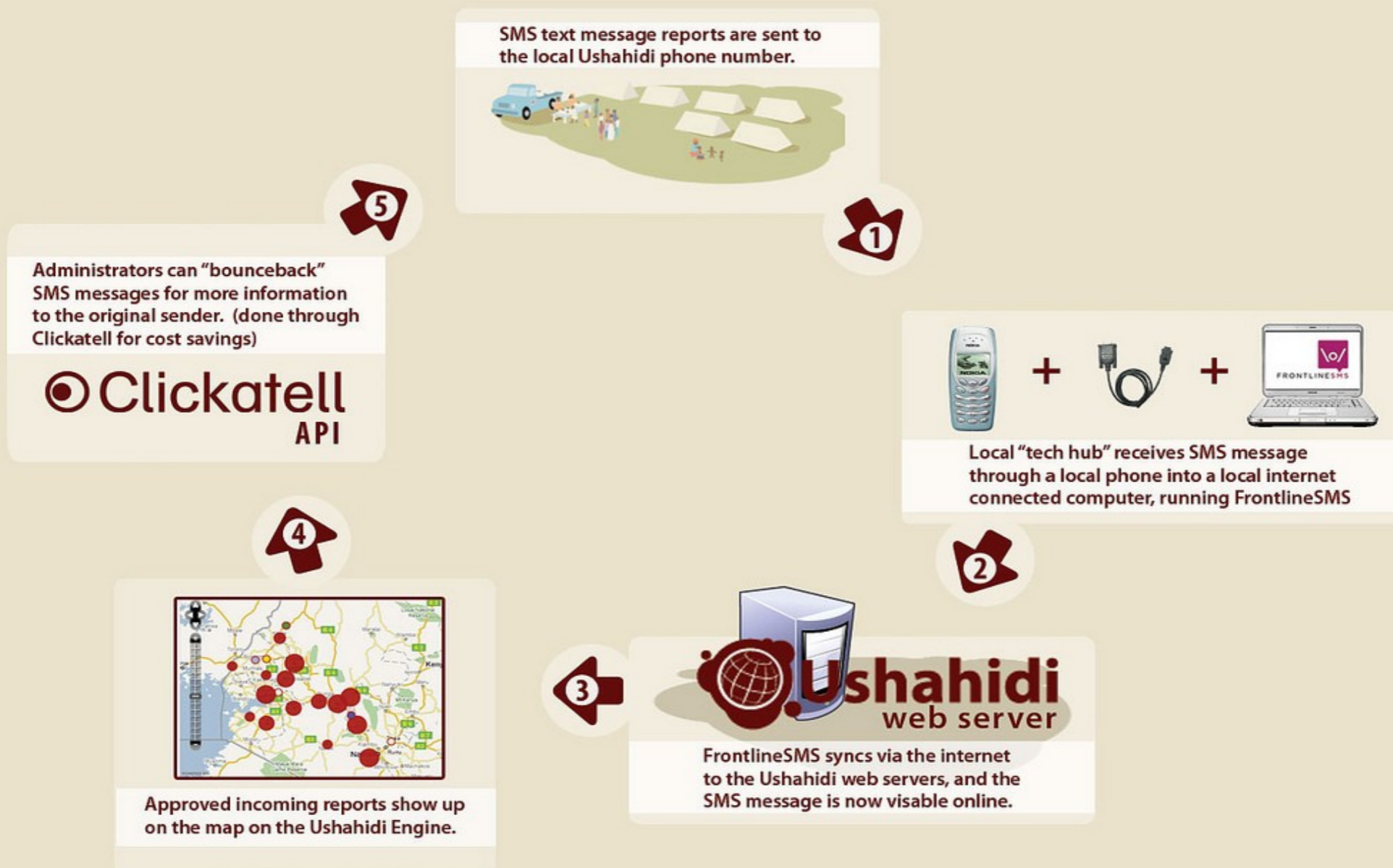


Send reports via:
mobile phone :: email :: web



FrontlineSMS + Ushahidi SMS => Cloud

SMS reporting and feedback cycle in Ushahidi v0.1





(c) Yasuyoshi Chiba

Protesters gathered in groups and attempted to walk into the town centre; police fired live shots and tear gas canisters to disperse them. Three protesters were seriously injured and one shot dead.

A 13-year old boy was laid to rest next to his uncle's house; the burial was attended by hundreds of residents who wailed and lit up bonfires.

Police battled youths who set fire to roadblocks; the police shot indiscriminately, "targeting anyone on sight"; one man was shot in the stomach as he stood in front of his house.

January
17



Our Goals

- Create a way for **everyday Kenyans** to report incidents of violence that they saw using the tools they had (mobile phones)
- Create an **archive** of news and reports around those same events
- Show **where** the majority of the violence was happening





View A Timeline Of Events >>

Jan 13

Jan 20

Jan 27

Feb 3

[Map](#)[Satellite](#)[Hybrid](#)

Filter By Category

- ALL CATEGORIES
- RIOTS
- DEATHS
- PROPERTY LOSS
- GOVERNMENT FORCES
- CIVILIANS
- LOOTING
- RAPE
- PEACE EFFORTS
- INTERNALLY DISPLACED PEOPLE

[GO](#)[Submit An Incident!](#)[Submit Via SMS](#)

Send your SMS to **6007** on your phone (Safaricom/CelTel)

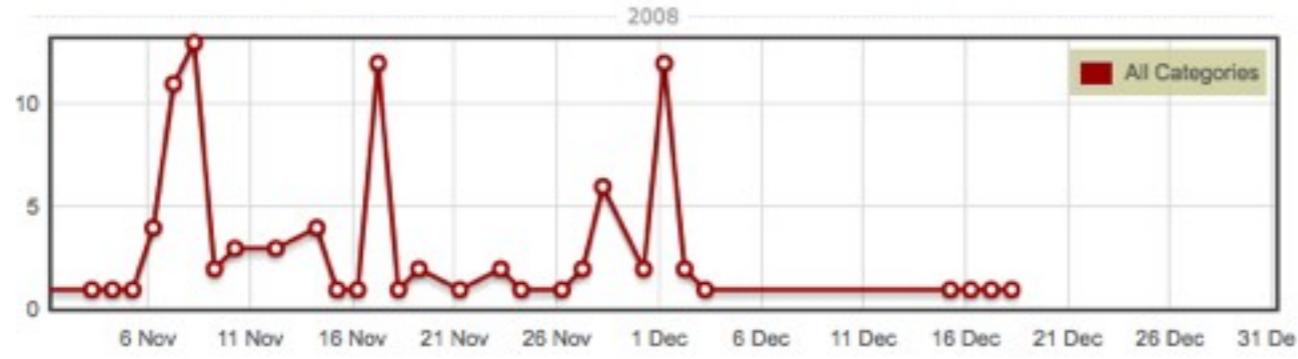
Democratic Republic of Congo

Tracking the Eastern Congo Conflict

FILTRE DES MÉDIAS → **RAPPORTS** NOUVELLES PHOTOS VIDÉO TOUT



From: **Nov 2008** To: **Dec 2008**



↓ CATEGORY FILTER

- All Categories
- RIOTS
- DEATHS
- PROPERTY LOSS
- SEXUAL ASSAULT
- INTERNALLY DISPLACED PEOPLE
- GOVERNMENT FORCES
- CIVILIANS
- LOOTING
- PEACE EFFORTS
- ARMED GROUPS
- VERIFIED SOURCES
- HUMANITARIAN ACTIONS
- KIDNAPPINGS
- DISEASE
- MONUC

Soumettre un incident

Envoyer par SMS

Envoyez votre SMS au 243992592111 sur votre téléphone

Incidents (à partir de la carte ci-dessus énumérés par ordre chronologique)

TITRE	LIEU	Date

Nouvelles officielles et l'actualité

TITRE	SOURCE	Date



ALJAZEERA

WAR ON GAZA

Home

Reports

Submit an Incident

How to Help

Click on the dots to view reports



From: To:



+ CATEGORY FILTER

- All Categories
- Deaths
- Israeli Ground Forces
- Civilians
- International Aid
- Air Strikes
- Announcements
- Rocket Attacks
- Israeli Casualties
- Palestinian Casualties
- Stats
- Protests
- Twitter Reports
- Israeli Soldier Casualties

[Submit an Incident](#)

[Submit via SMS | Twitter](#)

SET UNSUNG PEACE HEROES IN THE SPOTLIGHT

Nominate your Peace Hero!

MEDIA FILTER → PEACE HEROES NEWS PICTURES VIDEO ALL



↓ CATEGORY FILTER

- All Categories
- INDIVIDUAL
- ORGANIZATION



Who is your Hero?

After the general elections of December 2007 violence sparked all over Kenya. Neighbours turned on neighbours and friends became enemies. But not everyone succumbed to the madness in those dark hours.

Do you know a hero? Someone who organized a peace march, a peace song, gave someone shelter or stood up for members of other communities?
 Do you know someone who did something extraordinary to restore peace and social cohesion? Let other people get inspired by this initiative and ['Nominate your Peace Hero'](#) or find out ['How it works'](#).

Unsung Peace Heroes

TITLE	LOCATION	date
George Ngeta-Moraa New Hope Found-Nairobi	Mathare	Dec 5 2008
Maureen Auma	kibera	Dec 5 2008
Maureen Auma	kibera	Dec 5 2008

news

TITLE	SOURCE	date
MORE		

Made in frica



if it works in

africa

it will work

anywhere





the
default
device

Lessons

- **Mapping accuracy** and value of **geo-location**
- **Verification** is difficult, but can be achieved with **local people** involvement + **NGO's**
- Create a **feedback loop** - SMS & RSS **alerts** to mobiles and emails
- **Offline**, online and **mobile** strategy



What
are we
trying to
achieve?



Ensuring that others
don't have to start
from scratch, like we
did.





Data Types

Input Methods

Output Methods

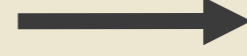
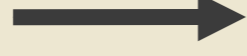
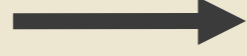
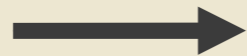
Citizen Generated

News Media

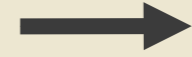
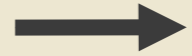
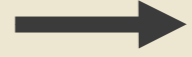
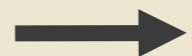
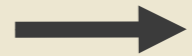
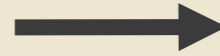
NGO data

Government

Public APIs
Flickr
YouTube
Twitter



SMS
Email
Web form
API
RSS
MMS
Direct input



Map

Timeline

SMS Alerts

RSS

Email

Ushahidi
Crisis Mapping
Engine



Free Open Source Platform For Collaboration

Way Forward...

- **Growing** the community that **supports** Ushahidi
- **> Tech features & Dev.** -
Smartphones (Android, Iphone S60)
J2ME
- **Geo-RSS**
- Instedd's **SMS Geo-Chat**, Rapid SMS & Java Rosa
- Freedom Fone integration - **Audio**
=>SMS

Thank You

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