

# Technology Bolsters Red Cross Disaster Relief

#### March 2012

The Red Cross opens its Digital Operations Center—powered by Dell—and launches its digital volunteer program.



# Spring 2011

Red Cross digital volunteers connect people affected by disasters to real-time information, resources and comfort. The Red Cross also introduces a free iPhone app to help people find shelters.



The Red Cross begins actively listening and engaging online communities on social platforms.





### 2002-2004

Innovations like mobile satellite dishes, laptop computers and voice-over IP technology improve efficiency during disaster response.

### 2000

Modern satellite technology enables full connectivity in disaster zones when local infrastructure is wiped out.





#### 1992

The Red Cross uses cell phones to support relief efforts after Hurricane Andrew hits South Florida.

# Late 1980s to Early 1990s

Satellite phones provide communication in areas lacking infrastructure post-disaster.





## Early 1900s

Responders utilize telephone lines for the first time.



#### June 2011

The Red Cross introduces S.O.S. app for Android to guide responses to emergency situations.

#### 2008

Disaster relief workers begin using handheld GPS devices to upload disaster response maps.



#### 2005

Interactive geographic information system (GIS) mapping goes online to support Hurricane Katrina response.

# 2002

Trucks equipped with satellite technology improve communications in remote areas and allow for pre-positioning of assets.





# 1995

Geographic information system enabled maps aid Red Cross response work.



The Red Cross deploys computers and floppy disks to track records at disaster sites.





#### 1931

Amateur two-way radio users and Red Cross radio frequencies help relay messages across the country to aid disaster response.

# 1881

Telegraphs relay the first Red Cross disaster response communications.

