## Sahana Eden

## Disaster Management Platform

Sahana Eden is an open source software platform which has been built specifically for Disaster Management. It is highly configurable so that it can be used in a wide variety of different contexts and is easy to modify to build custom solutions. Different levels of support are available from both the voluntary Sahana Eden community and professional companies.

Sahana Software was initially developed by members of the information technology (IT) community in Sri Lanka to provide solutions for the relief effort following the 2004 Indian Ocean Tsunami. Sahana Eden is the latest evolution of this software and provides a solution to manage organizations, people, projects, inventory and assets as well as collecting information through assessments and providing situational awareness through maps.

Sahana Eden can be accessed from the web or locally from a flash drive, allowing it to be used in environments with poor internet. Local & Web versions can be configured to synchronize to allow data to be shared between them.

These features are designed to help Disaster Management practitioners to better mitigate, prepare for, respond to and recover from disasters more effectively and efficiently. Sahana Eden can provide valuable solutions for practitioners in Emergency Management, Humanitarian Relief and Social Development domains.

The project is supported by a voluntary community of Disaster Management practitioners, students, academics and companies. This community is able to provide a basic level of support to help you deploy and configure Sahana Eden. There are also companies, such as AidIQ, who provide professional services to customize and support Sahana Eden.

Sahana Eden is designed to be rapidly configured and customized to support the diverse business processes used within Disaster Management. Sahana Eden's modular design allows different pieces of functionality to be enabled and disabled as required providing flexible solutions for changing contexts.

The application can be configured to secure sensitive information, while also making data which needs to be shared available in a variety of different formats including Microsoft Excel and PDF. To ensure that Sahana Eden is accessible to every country, it can be translated into multiple languages.

### Core Features

* Mapping - Situation Awareness & Geospatial Analysis.
* Requests Management - Tracks requests for aid and matches them against donors who have pledged aid.
* Volunteer Management - Manage volunteers by capturing their skills, availability and allocation.
* Missing Persons Registry - Report and Search for Missing Persons.
* Disaster Victim Identification.
* Shelter Registry - Tracks the location, distibution, capacity and breakdown of victims in Shelters.
* Hospital Management System - Hospitals can share information on resources & needs.
* Organization Registry - “Who is doing What & Where”. Allows relief agencies to coordinate their activities.
* Ticketing - Master Message Log to process incoming reports & requests.
* Messaging - Sends & Receives Alerts via Email & SMS.
* Document Library - A library of digital resources, such as Photos & Office documents.
* Ushahidi Integration - Able to integrate data from Ushahidi