

# Getting the right aid to the right people sooner

## The Problem

Getting the right aid to the right location is a major logistical challenge in disaster relief operations. The first challenge is working out what aid is required where, followed by how to best use the available resources to move the aid from where it is located to where it is needed. Delays in distributing aid can significantly increase the impact of a disaster on the community.

## What is being done

Zirkarta is currently working with the Trusted Autonomous Systems Defence Cooperative Research Centre, the Australian Defence Force and the Artificial Intelligence company Oscen Research to develop a tool for use in natural disasters to get the right aid to the right people sooner.

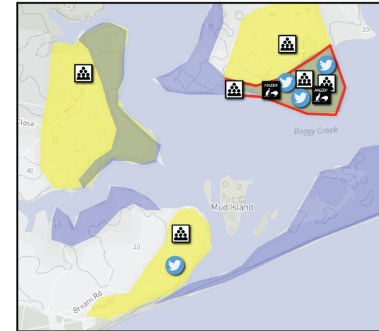
This includes the ability for community members to identify their own aid needs and where it is required on a map.

It uses Artificial Intelligence to predict aid needs in different locations and to identify the optimum use of the available resources to distribute the aid from where it is located to where it is needed.

It is then used to command and control the disaster relief operation including tasking resources and providing real time situational awareness to multiple hierarchical levels.

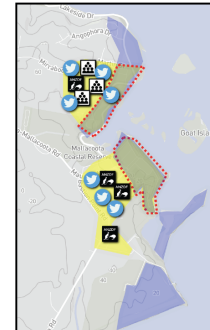


Leads to



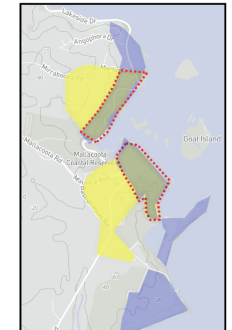
Leads to

**Relationship from previous disasters**



**Actual from this disaster**

Actual experience



**Prediction for this disaster**