



SUPPLYFRAME  
DESIGNLAB  
HACKADAY PRIZE 2020

# Field Ready

Disaster Relief + Humanitarian Aid

## The Mission

Field Ready makes aid supplies in disaster zones, getting around bottle-necked global supply chains. They meet humanitarian aid and reconstruction needs by transforming logistics through technology, design, and engaging people in new ways.

Field Ready works with local manufacturers to make useful items when and where they are needed, while also working to increase disaster resilience by strengthening local manufacturing, innovation hubs, and makerspaces.

## The Work

Field Ready is pioneering innovative approaches to the toughest challenges, regardless of the sector. The impact of this is dramatically improved efficiency, which makes aid faster, cheaper, and better. Examples of their work in the field include 3D printed umbilical cord clamps in the Haiti earthquake recovery, heavy-lift airbags for search and rescue within collapsed buildings in Syria, and rotomoulded toilets for cyclone recovery in Vanuatu.

Other examples include training refugees in Jordan to make items, like wheel chair cushions and grab rails, to help others with disabilities and making soap bars with toys inside to help form hand-washing habits for children in Bangladesh refugee camps.



## Dream Team Challenge

### Remote Quality Control System:

One of the big challenges of distributed manufacturing is widespread quality assurance. With so many solutions being designed, fabricated, and deployed by Field Ready, the organization wants to better ensure quality and accountability.

**This challenge asks teams to design a means of quality control that remotely tracks and evaluates solutions, protects consumers, and ensures a roadmap for reporting and repair.**