A Rugged Communication Hub, Giving Relief Workers a Centralized Platform to Collaborate and Share Information

**MIST Central Hub**
- Field Medical Record Storage
- Secure Instant Messaging
- Centralized Printing
- File Sharing and Editors
- FEMA “X-Code” Archive

**Technical Specifications**
- Open Source Software Stack
- Impact Resistant to 250Gs
- Aircraft Grade Aluminum
- FAA Compliant Carry-On
- Accepts Worldwide Voltages

**Zephyr - Android App**
- Portable “X-Code” Archive
- Medical Data Archive
- Offline Storage on Phone
- Automatically Syncs with MIST

**MIST Chat**
- Scalable Communication
- Public or Private Conversation
- 2048bit RSA Encrypted

**MIST Data**
- Secure File Sharing
- Mobile and Desktop Support
- Document and Image Editor

**MIST is Capable of Archiving**
- 30 Days of HD Video
- 2,010,000 High-Res Photos
- 4,200,000 Audio Files
- 25,000,000 Documents

**Chat Supports**
~1000 Simultaneous Users

**15 out of 15 People**
Learned Zephyr In Less Than 5 Min.

**Why Not Satellite?**

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<th>Size</th>
<th>Cost</th>
<th>Transfer Time</th>
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In the event of an environmental disaster, coordinating relief efforts requires communication between hundreds of stakeholders, and mistakes can mean the difference between life and death.

Infrastructure is often either incapacitated or unreliable, and relief workers are forced to use pen, paper, and limited radio frequencies to communicate.

This leads to a disjointed system where critical information is frequently outdated or isolated, resulting in unnecessary delays, confusion, and loss of life.

An effective information and communication system (ICS) is a central component of successful humanitarian relief efforts.

Everyday was walking around up and down Long Beach with clipboards. Everything was paper...Why can’t first responders or FEMA or emergency responders have electronic devices where they go and they log in, ‘This house is destroyed’?

On 9/11, a lack of information probably resulted in more problems than all other factors combined.

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