



# Ground Zero Technology Presentation

Kareem Elhawary,  
Technical Manager

# WHAT WE DO....



Instant communication  
in Disaster events



Powerful Portable  
Antenna



Rural Access  
IP Networks



Secure Hosting  
VPN's



Top Level Encryption  
Military / Police  
Satellite  
Commercial



Under-water monitoring  
Munitions Sites  
Dump Sites



Intelligent self-powered  
Monitoring posts  
Military  
Commercial  
Domestic



Software



Hardware





*The Problem:* In Response to Disaster Relief, when Communications are Down, the Diverse Range of NGOs and Government Agencies on the Ground have Disconnected and Inefficient Communications.

*The Solution:* O.S.C.A.R. – A 3-way solution  
An self-sustaining Internet and Radio Communications System that Provides Instant Communications over a 25+ Mile Radius; monitors environmental triggers; and is further designed to service the community after the 'event'





*The Problem:*  
Need for remote  
monitoring;  
Hazardous  
dumps; Border  
Security; Airport  
and Port  
Surveillance

*The Solution:*  
The Self-  
powered  
Centurion units



*AKA as a “Terry”.....*



- Unknown Depth
- Unknown Chemicals
- Self-Contained / Intelligent
- Non-Hazardous to everything else
- Report as soon as it detects a known parameter

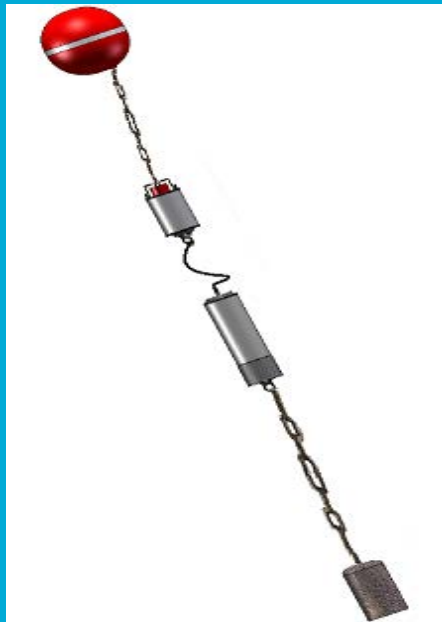
- LEAD / MERCURY  
Bio-accumulation

- PHOSPHATES  
Plankton increase = oxygen deprivation

- TNT / OTHERS  
Hazardous Chemicals



**GROUND ZERO  
SEA SENTRY**



***The Problem:***

Method to monitor  
changes in ocean  
dumped munitions

***The Solution:***

*A variation of the  
Centurion known  
as the 'Sea Sentry'*

**SNIFFER**

**MODEM**

**SATELITTE**