



Parallel Solutions, LLC

SafetyFR

Changing the landscape of RFID

Helping...

- Track and save the life's of firefighters
 - Protect children and patients
 - Track assets and records

This Year...



**200 fire fighters will die in the
line of duty**



**500,000 medical ID's will be
stolen**



**797,000 children will be
abducted**

RTLS technology will save lives

(Real Time Location System)



Year	Career	Volunteer	Mixed
2007	2263	21168	6754
2008	2315	21235	6620

2008 Response Breakdown

Fires	1,451,500
False Alarms	2,241,500
Hazmat	394,500
Other hazardous	697,500
Other	3,485,500





The Challenge

How do you track first responders in a disaster event?

The solutions to date

GPS – A large device attached to the fire fighters boot

RFID Technology – Tag each first responder with an RFID tag for tracking.

The Solution



RTLS technology

Developed by the Univ of Pittsburgh, RFID Center of Excellence, iRTLS solves the problems both GPS and traditional RFID



- Accurate down to 6 inches
- Is not affected by metal and water or environment
- Provides accurate real time tracking during the event
- Provides elevation

Parallel Solutions, LLC



Daniel Grant is founder, President and CEO of **Parallel Group** since 1994



E. Robert Schaming – Director of technology and manufacturing



Steve Chianos – Director of business and marketing

Parallel Solutions, LLC, has obtained the license from the Univ of Pittsburgh, RFID Center of Excellence to bring this technology to market.

First adopters of the technology

Year	Fire Departments	Firefighters	Injuries	Average deaths
2008	30,170	1,148,850	80,800	200
On average it takes 12 firefighters 20 minutes to rescue a downed firefighter				
Every firefighter who dies means hundreds of future civilians will die in future fires				



Fire departments are testing new technology every year to help track and save firefighters in a response situation



Current Competitors

GPS - Redzone Software

The problem – GPS fails in large buildings

Is only accurate to 12 feet

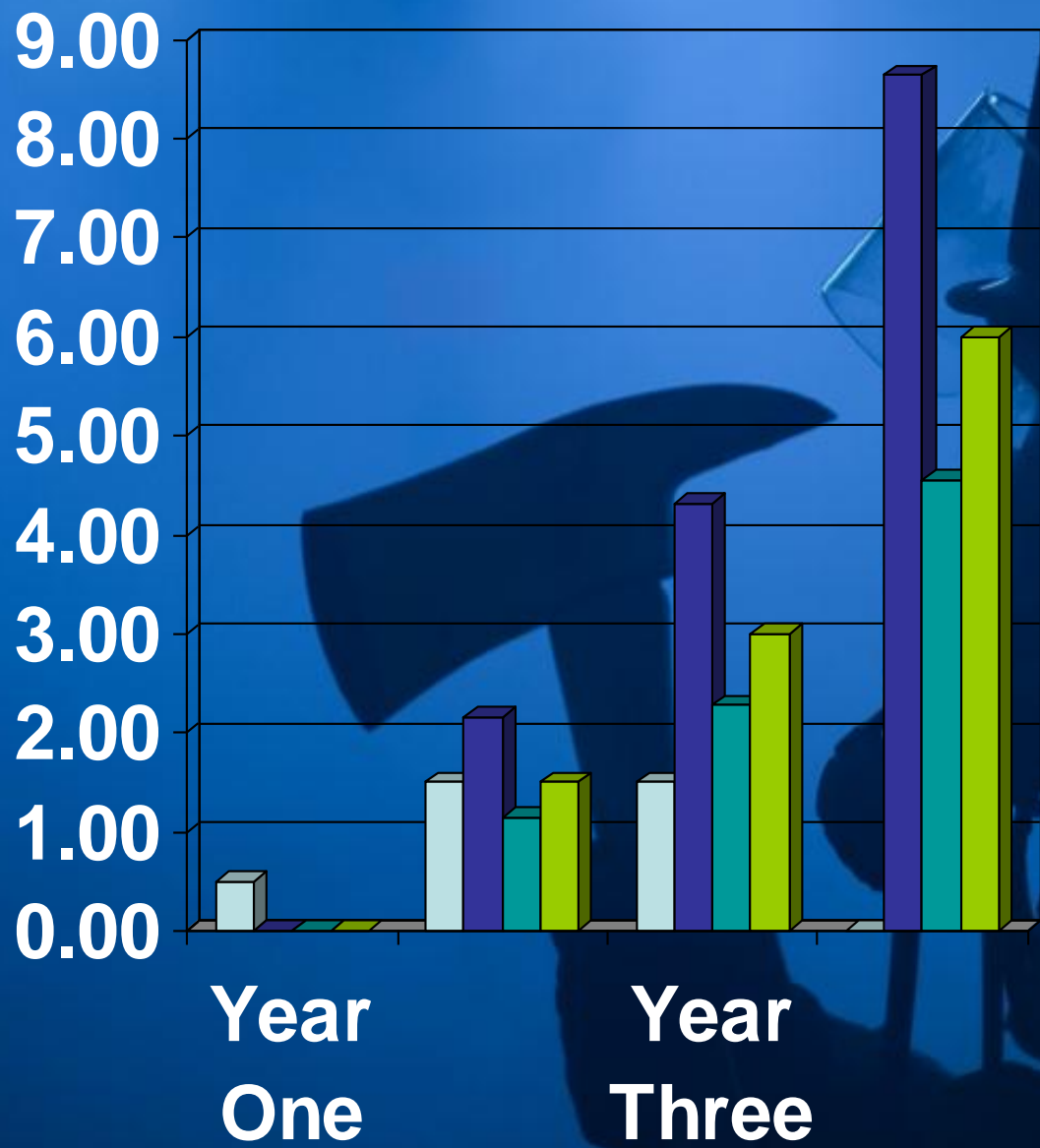
Does not provide elevation

RFID - VerdaSee

The Problem – Uses current RFID technology

Tag readings can be distorted by concrete and steel and environmental changes





- Funding Requirements
- Revenue - First Responders
- Revenue - Child Care / Medical
- Revenue - Asset Tracking



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