

GLOBAL LINK RESCUE

The innovative communication system for coordinating SAR missions



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RADIO COMMUNICATION IS ALWAYS AN ISSUE DURING RESCUE OPERATION

Multiple aircrafts, boats & drones
Multiple persons from different organizations
Several radios to manage

Issues

No radio signal, not reliable
Repetition, misunderstanding
Unknown positions, collision risks



TIME LOST
OVERCONSUMPTION
FLIGHT SAFETY RISKS
VITAL RISK

DIGITAL MESSAGING SYSTEM WITH TACTICAL SITUATION AWARENESS

Everyone is on the same digital communication channel

- + Predefined communication links
- + Chat with free or predefined messages
- + Geographical markers on cartography
- + Image / video transfer
- + Position sharing (*Blue Force Tracking*)
- + Collision alert



Mission teams

Aircraft
Helicopters
Drones
Boats
Rescuers



Position Tracker



Tablet App

3G/4G/5G

Worldwide



Satellite

Operations Center



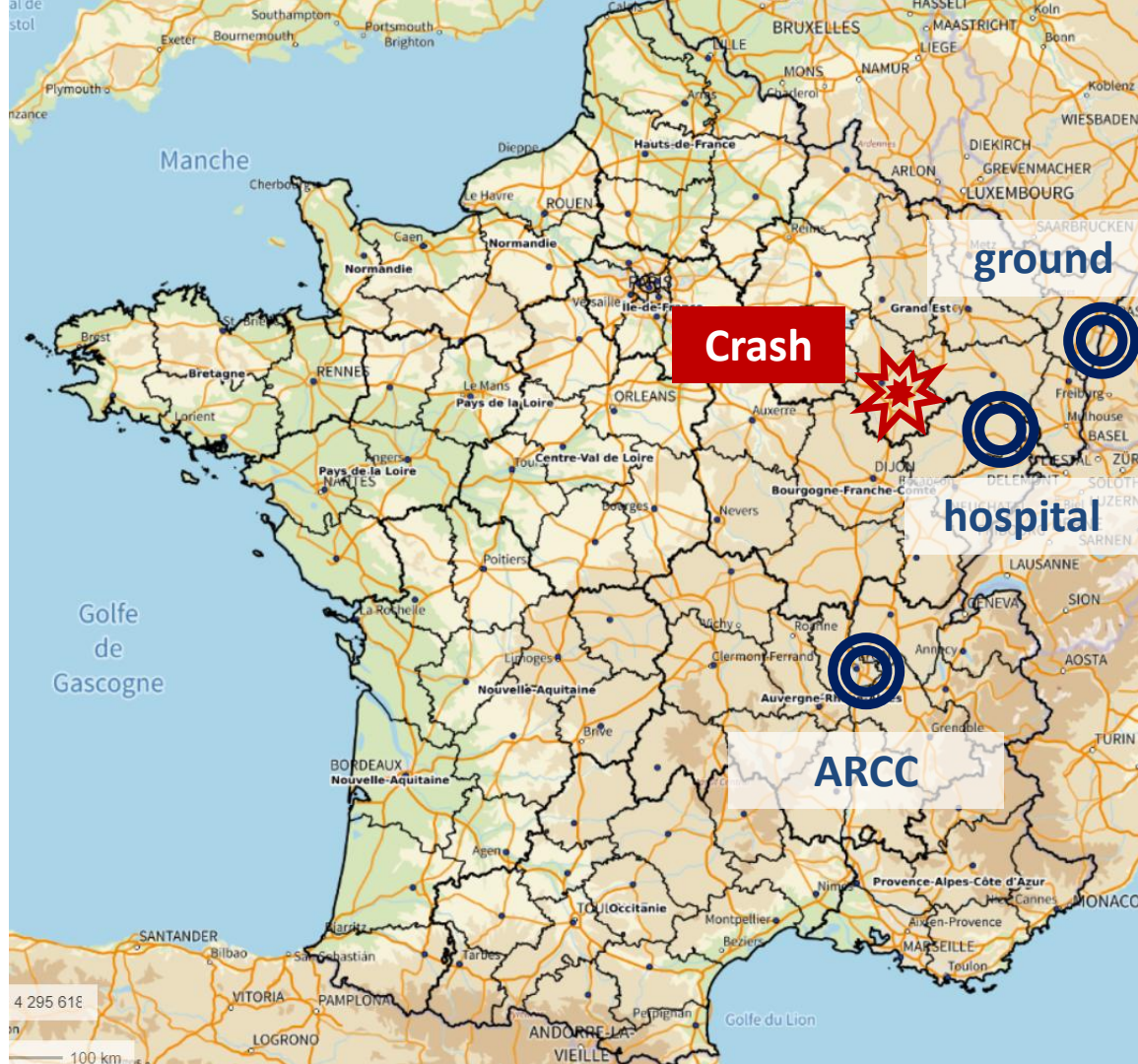
Web App

Rescue center
Crisis center
Hospital
...

Mission example

Crash of a small aircraft
3 rescue helicopters
3 operation centers
(ARCC, hospital, ground rescue)

Distance Crash / ARCC : 400km



Rescue center view

MISSIONS RAPACE25

- C2
- PLAY
- ETA 13:00
- Pos 0:21
- 26%

RAPACE25 - 17:28
OK, RECU!

RCC Lyon - 17:37
pour info, le Rapace 29 est dans une zone à l'ouest de votre zone (14.07)

RCC Lyon - 17:37
MAP ZONE : zone 14.07 >>

RAPACE25 - 17:37
OK, RECU!

RAPACE25 - 18:05
interruption des recherches pour avitaillement

RCC Lyon - 18:20
OK, RECU!

RAPACE25 - 18:39
airborne

RCC Lyon - 18:45
point de flash light plus tôt dans la journée : 48°29'38N 005°53'10E

RAPACE25 - 18:46
OK, RECU!

RAPACE25 - 19:15
48 30 18N / 005 53 46E

RAPACE25 - 19:23
demande conduite à tenir

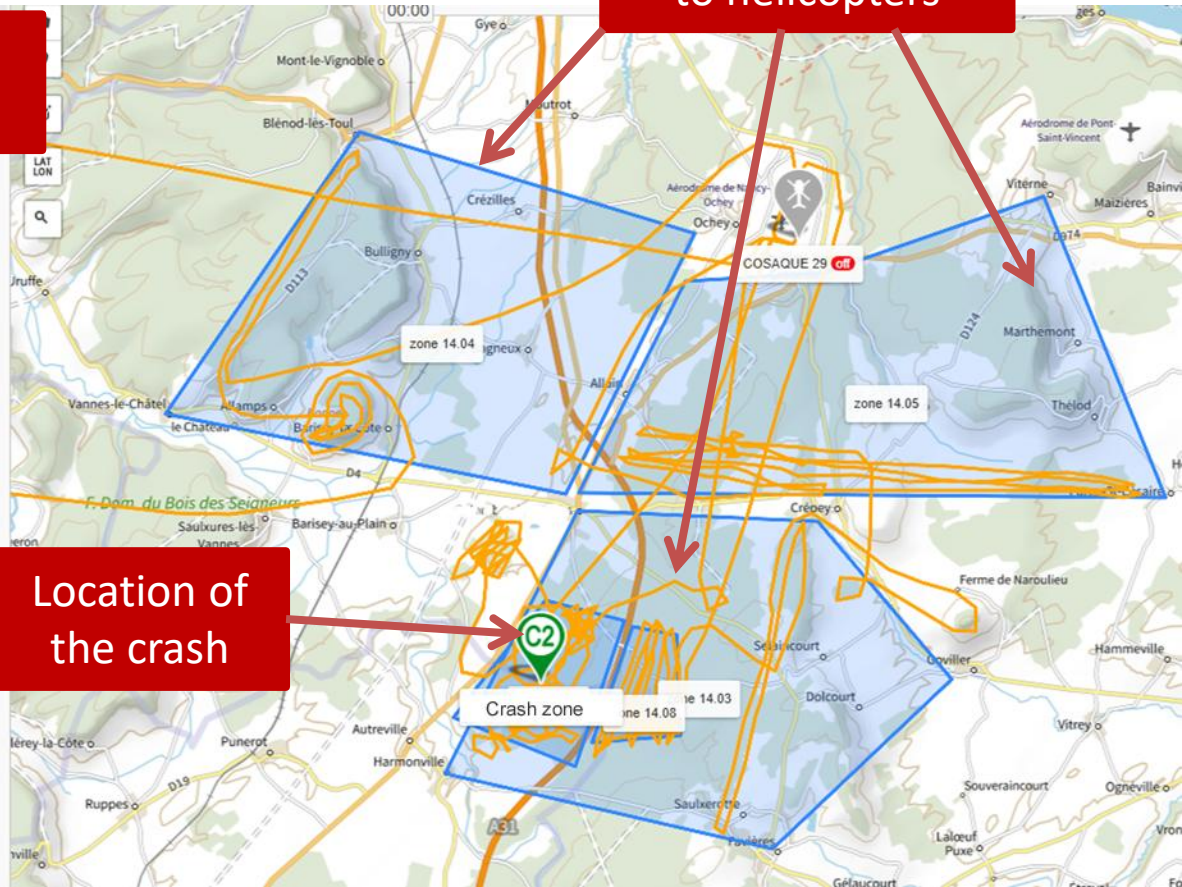
RAPACE25 - 19:27
** Message supprimé **

RCC Lyon - 19:35
Retour Nancy. reconfiguration

Chat messages with helicopter

3 SAR zones sent to helicopters

Location of the crash



DESIGNED FOR ICAO, COMPATIBLE WITH ANNEX 12

COMMUNICATE EVERYWHERE

- Bidirectional communication, fast, secure between all centers involved
- Operates over the sea with no range limitation
- No misunderstanding when transmitting information
- Low cost satellite (1€ / flight hour)

ENABLE COOPERATION

- Cooperation between several rescue centers & different nations.
- Mission continuity between two countries SRR.
- Location and tactical situation shared between all members of the SAR mission, even by satellite
- Improve rescuers safety (location of aircrafts, boats, rescuers...)

PLUG AND PLAY

- Usable on all assets (boats, helicopters, aircrafts)
- No aircraft modification, no integration cost

MISSION MEMORIZED

- Legal defensibility
- Automatic debrief



80% of rescue fleet is equipped in FRANCE

> 100 aircrafts & 150 control centers

Civilian



Civilian Security



Police



Hospitals



Firefighters

Military



Air force



Land Force



All centers of operations



Marine

Our ambition : extend to Europe to have a joint SAR mission tool



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