

GLOBAL LINK COMBAT



**COMBAT
PROVEN**

« It's a Game Changer for us »

« We were waiting for it for more than 10 years »

« It's the best communication and Blue Force Tracking System I ever saw »

A wide-angle, high-angle shot of a massive sandstorm or dust storm moving across a vast, flat desert landscape. The storm is a thick, dark brown wall of sand and dust, towering over the horizon. The ground is a mix of light brown sand and sparse, low-lying green shrubs. In the bottom left corner, the dark, cylindrical shape of a vehicle's exhaust pipe or a similar mechanical part is visible, suggesting the viewer is looking out from inside a vehicle. The sky is a pale, overcast grey, and the overall atmosphere is one of intense, natural power.

WHO WE ARE..



AD-WAIBE

INNOVATION & NEW TECHNOLOGIES

Web technologies
Mobile App
Satellite communication
Internet Of Things (IOT)
Design Thinking Innovation



David ARNEAU
CEO



Christophe LYONNAZ
CTO



Thibaud MIQUEL
Operational expert

Our partners



THALES

For Cyber
Security analysis



For satellite
connected devices
and data collection



For satellite
communication



goTenna

For offgrid
communication

Our main customers



French Air Force



French Land Force



French Special Forces



French Civilian security

An aerial view of a vast, flat desert landscape. The ground is sandy and dotted with small, green scrub bushes. In the distance, a massive, dark, and turbulent sandstorm or dust cloud looms over the horizon, partially obscuring the sky. The sky is a pale, overcast grey. The overall atmosphere is one of a harsh and potentially dangerous environment.

GLOBAL LINK COMBAT

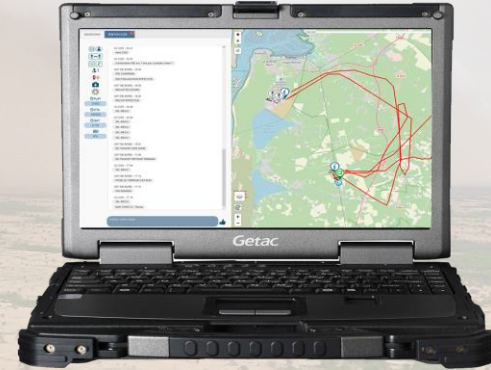
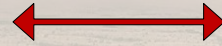
Satellite communication System co-designed with End User Operators

**LIGHT,
PORTABLE,
AUTONOMOUS,
SHORT LATENCY,
HYPER RELIABLE !**



Helicopter Interface
Android Application

Iridium Satellite



Command Center (C2)
Web interface

Another Lightweight solution !



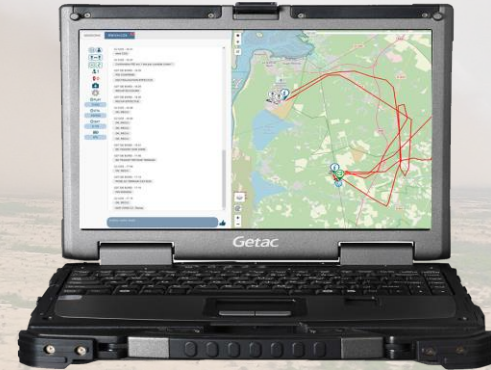
- Your iOS or Android device
- GLC Application
- Or your tailor made app

WIFI



Iridium Go

Iridium Satellite



Helicopter Interface

Commandment Center (C2)

MULTI-MISSIONS

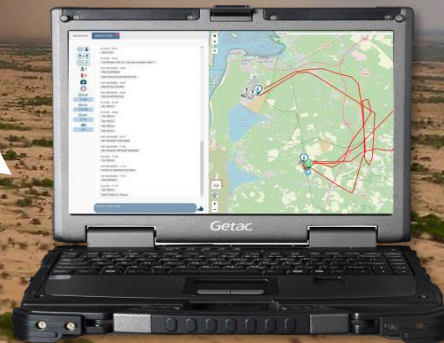
REAL TIME DIALOG

- BLUE FORCE TRACKING
- SHORT TEXT MESSAGES
- GEOGRAPHIC DATA

IRIDIUM
SATELLITES

MISSION ZONE

COMMANDMENT CENTER



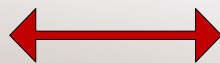
Position tracker by **SATELLITE**

Helicopter
Interface

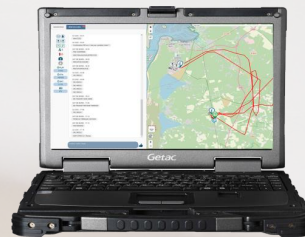


**Positions quickly
sent to the tablet**

Works in deserts / cities / seas /
mountains / forests...



Commandment
Center



*Iridium
Satellite*



Tracking examples

- Teams on ground
- Pilot ejected
- Air dropped equipment
- Buried parachute
- Refueling zone
- Boat, equipment drifting on water
- Track enemy vehicle...



A photograph of a helicopter cockpit from the perspective of the pilot. Two pilots are visible, wearing flight suits and headsets. The instrument panel is illuminated with various gauges, dials, and digital displays. The text 'PLUG & PLAY' is overlaid in red at the top left.

PLUG & PLAY

5 MIN INSTALLATION

**SIMPLE INTEGRATION
NO HELICOPTER MODIFICATION**



**SATELLITE ANTENNA DIRECTLY
FIXED IN THE COCKPIT**

SIMPLE, BUT EFFICIENT



**Communication system and
software optimized for satcom**



CARACAL



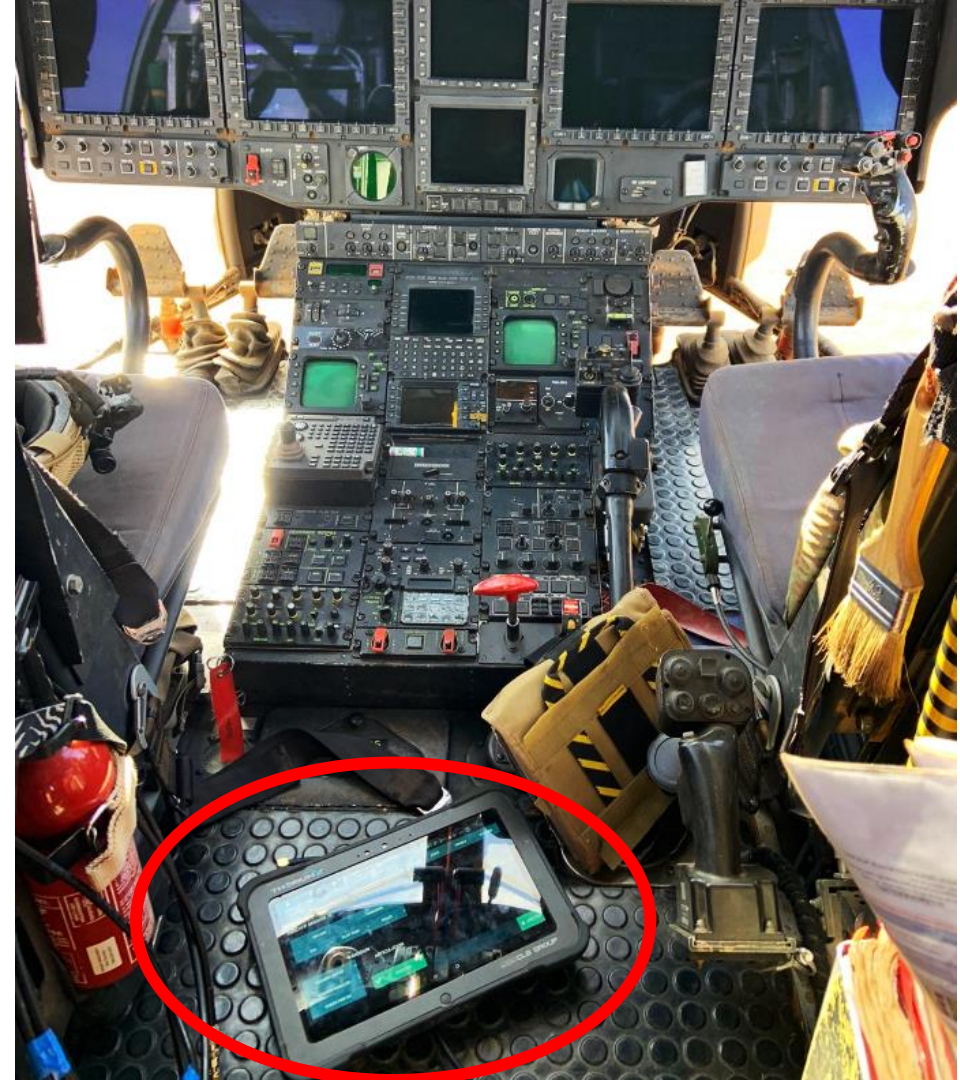
Antenna





Antenna

COUGAR



GAZELLE



Antenna



TIGER



Antenna

C130



Antenna



SATELLITE TABLET

FULLY RUGGED

- Magnesium Alloy Midframe
- MIL-STD-810G and IP65 Tested
- Elastomer Bumpers (Protected Glass/Touch Screen)
- Multiple 5' Drops

MEMORY

- 4 GB DDR3L 1333 MHz

STORAGE OPTIONS

- Standard 64 GB SSD
- Expandable via Micro SDXC Slot

BATTERY LIFE

- Up to 8 Hour Battery Life (39.2 Whr, Single Battery)
- Up to 15 Hour Battery Life (31.1 Whr, Dual Battery)
- Up to 22 Hour Battery Life (59.2 Whr, Dual Battery)

INTEGRATED COMMUNICATIONS

- Wireless LAN: 802.11ac
- Broadband: 4G LTE (Optional)
- GPS: Dedicated, Standard, 2.5m Accuracy
- Bluetooth® 4.0
- LAN: 10/100/1000 Gigabit Ethernet (RJ-45)



SATELLITE POSITION TRACKER



**Satellite data collected by
CLS in France.**

- + Position frequency can be changed
- + Quick transfert time
- + Up to 20 days of battery life
- + Reduced cost (some cents per mission)
- + Weight : 85 grams
- + Dimensions : 76 x 46 x 18 mm

GLOBAL LINK
COMBAT



"Nulle part sans nous"



DEMARRER ►►

TAILOR MADE

**EACH SQUADRON HAS ITS
OWN APPLICATION !**

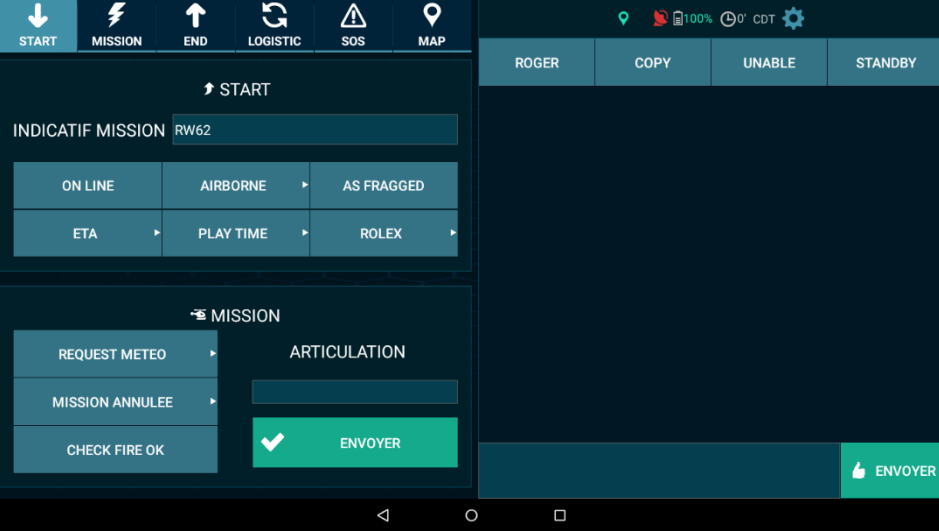
Interfaces are :

- **Co-designed with the end-users**
- **Dedicated to THEIR mission**

GLOBAL LINK
COMBAT

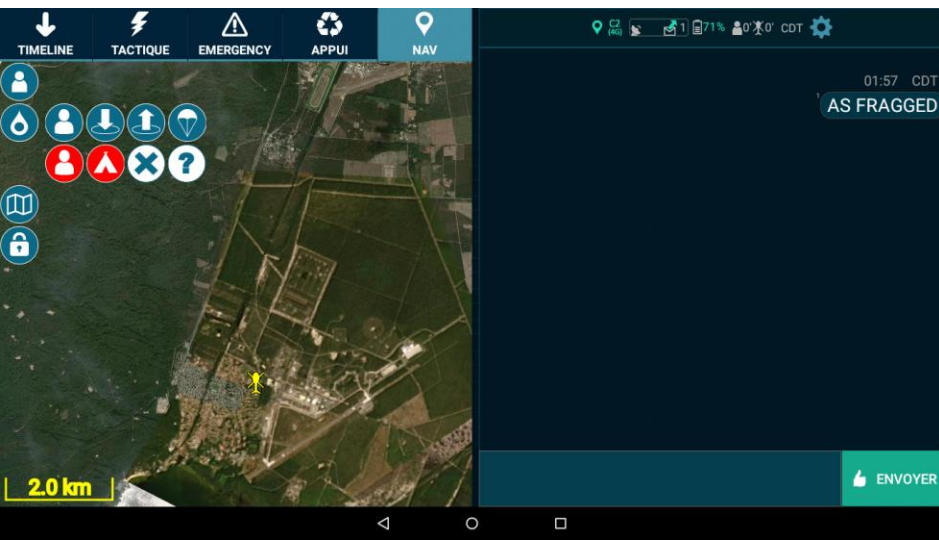


DEMARRER ►►



USER EXPERIENCE

- Simple to use
- Reduced training
- Blinking light (incoming message)
- Night Vision Google compatible
- No doubt during mission



APP FEATURES

- Chat with message acknowledgement
- Predefined text messages
- Free Text message
- Blue Force Tracking
- Offline Maps
- Map Markers
- Scalable (automatic updates)

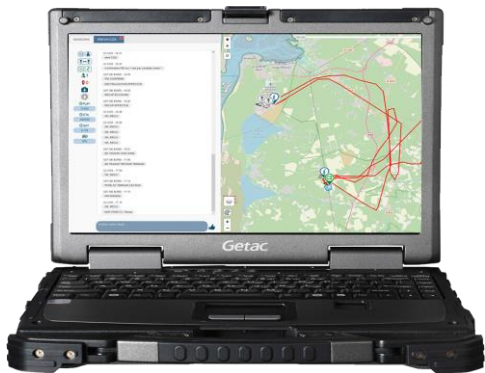


PERFORMANCES

- ~ 20 sec position update
- ~ 20 sec text message satellite transfer
- ~ 20 hours battery life
- ~ 1€ satcom by flight hour



C2 APPLICATION

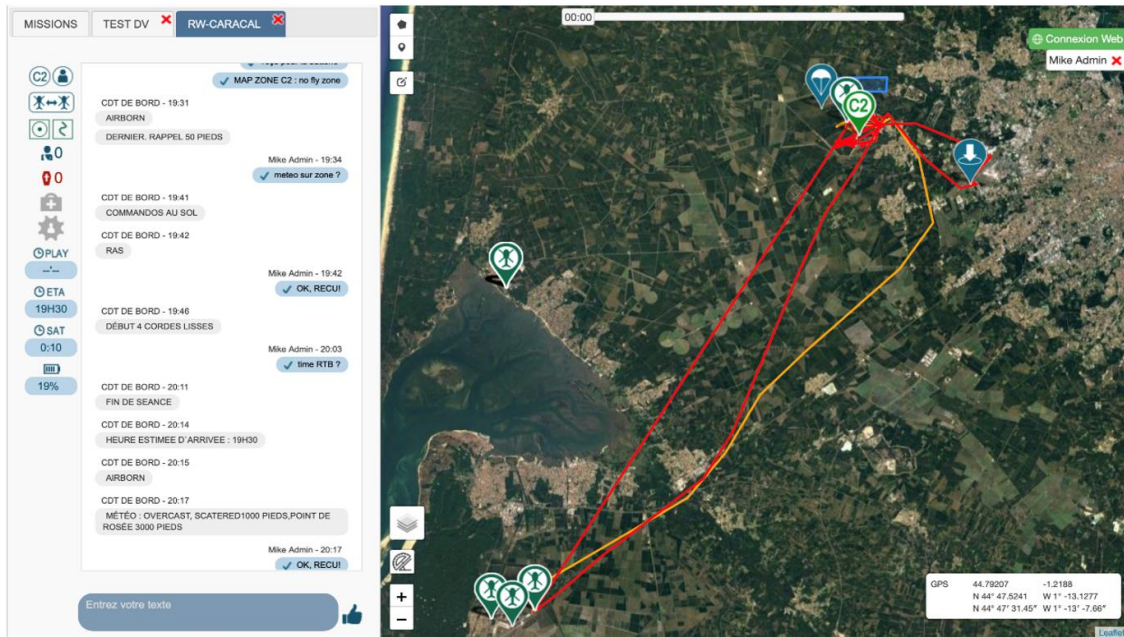


- Helicopter position & trajectory
- Real time update
- Map markers
- Map zones
- ETA / PLAY TIME

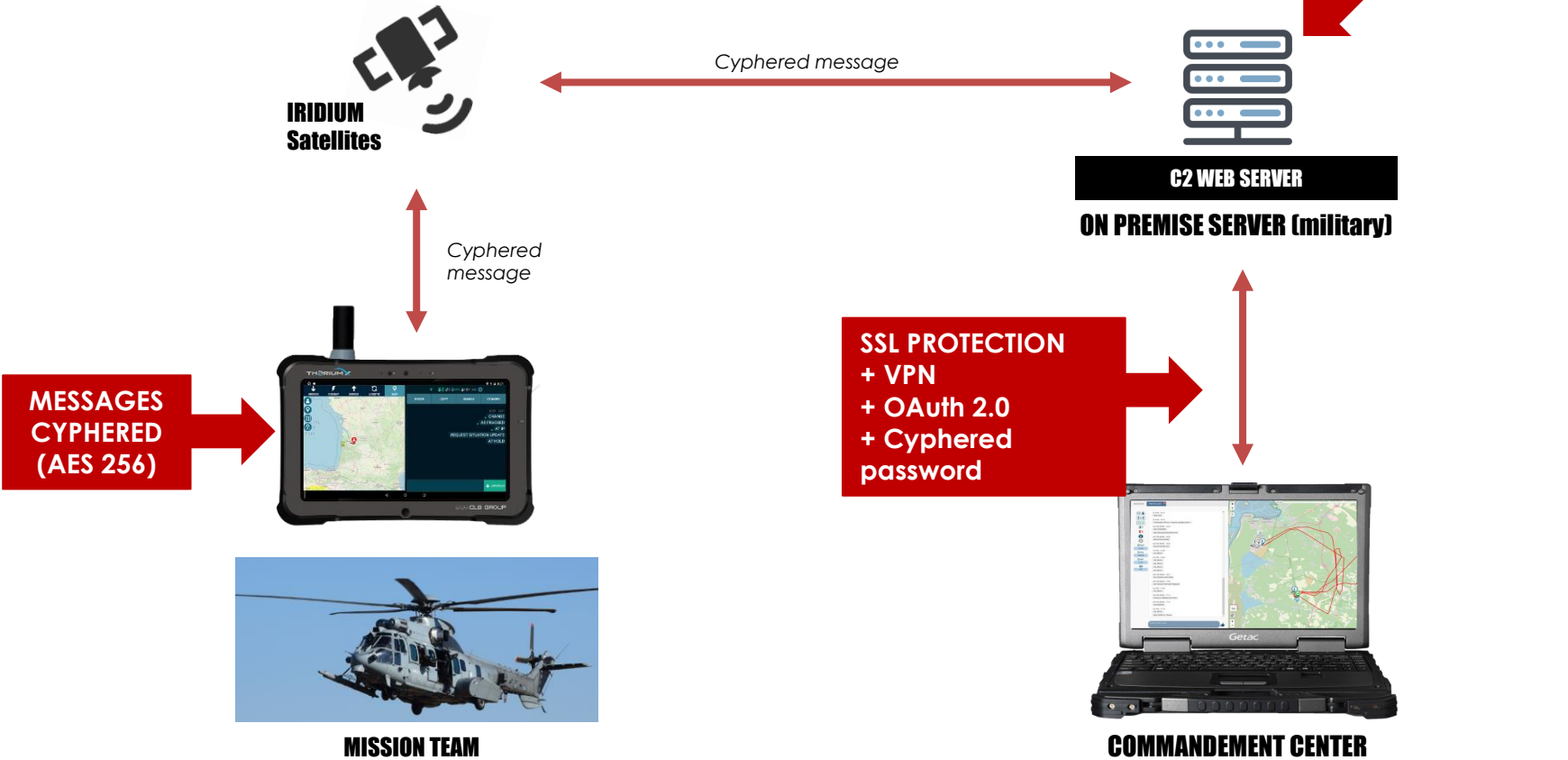
- One chat per helicopter
- Remaining battery displayed
- Elapsed time from last satellite message received (« still aliveed ! »)
- Sound notification (incoming message)
- Message acknowledge

→ **No doubt for chief of operations**

He always has a clear status of the connexion and messages sent



COMMUNICATION IS MILITARY SECURED



VALUES SUMMARY



PLUG AND PLAY

NO HELICOPTER OR AIRCRAFT MODIFICATION
MOBILE / AUTONOMOUS / HANDHELD

TAILOR MADE

CO-DESIGNED WITH MISSION TEAM
CUSTOMIZED INTERFACE FOR EACH MISSION

SCALEABLE

AUTOMATIC UPDATES

MILITARY SECURED

HYPER-RELIABLE !

COMBAT PROVEN

FRENCH AIR FORCE / LAND FORCE / SPECIAL FORCES

FAST SATELLITE COMMUNICATION

20 SEC MESSAGING

REDUCED COST

EASY TO USE

(REDUCED TRAINING)

CONTACT



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