WAVR PRO

ANGULO / SAL, CABO VERDE • PILOT NETWORK

Water safety that stays local.

A dedicated LoRa safety network for kitesurfing and wing foiling. Riders stay visible to the beach crew without depending on public mobile coverage.



LOCAL-FIRST / CLOUD-READY





HOW WAVR WORKS

01 BEACON ON THE WATER
GPS position and SOS travel over LoRa. No phone or SIM required for the rider.

02 ANGULO BASE + PI EDGE
The beach base receives radio traffic. Local dashboards, incident handling and logs continue on site.

03 CLOUD WHEN AVAILABLE
LIVE, OPS and Instructor use synchronized data when an internet uplink is available.

NO RIDER PHONE
Dedicated beacon for GPS + SOS.

LOCAL SAFETY FIRST
The beach base remains the hub.

BUILT FOR WING & KITE
For kitesurfing and wing foiling.

SCALABLE MODEL
More clubs or bases can join later.

Illustrative hardware and real WAVR interface examples. Controlled field acceptance continues at Angulo.

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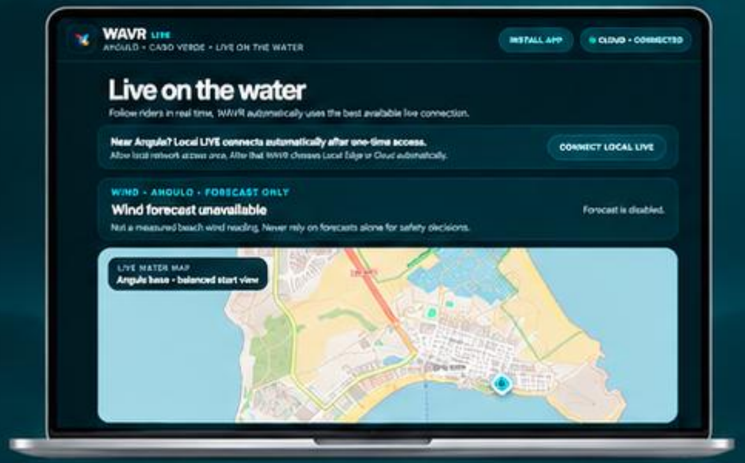
Three interfaces. One local-first network.

Built for beach staff, transparent for partners, useful for kitesurfing and wing foiling lessons after landing.

KITESURFING

WING FOILING





LIVE

ACTUAL PRODUCT SCREEN

PUBLIC / PARTNER VIEW

Clear rider visibility, last-known position and automatic local-or-cloud connection.

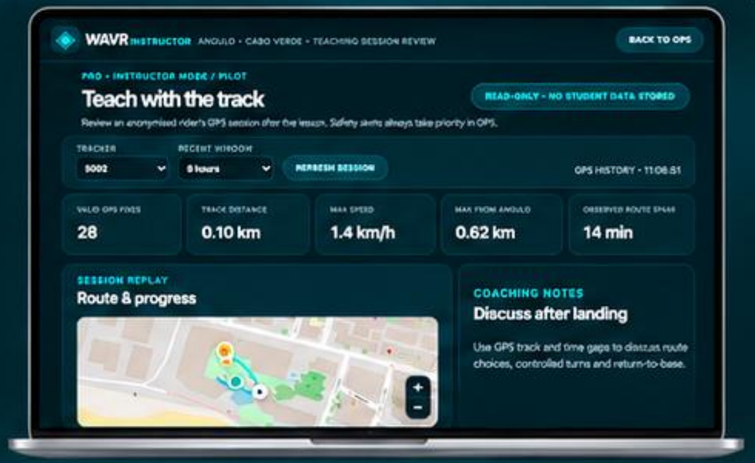


OPS

ACTUAL PRODUCT SCREEN

SAFETY & INCIDENT WORKFLOW

Local crew view for SOS, acknowledgements, rider status and operational oversight.



INSTRUCTOR

ACTUAL PRODUCT SCREEN

REPLAY & COACHING

Read-only session review, route replay and quality checks after landing.

WHY WAVR PRO? WAVR combines a club-operated LoRa SOS link, local dashboards and cloud-connected visibility without requiring a rider phone.

NO INTERNET? LOCAL OPERATIONS CONTINUE.

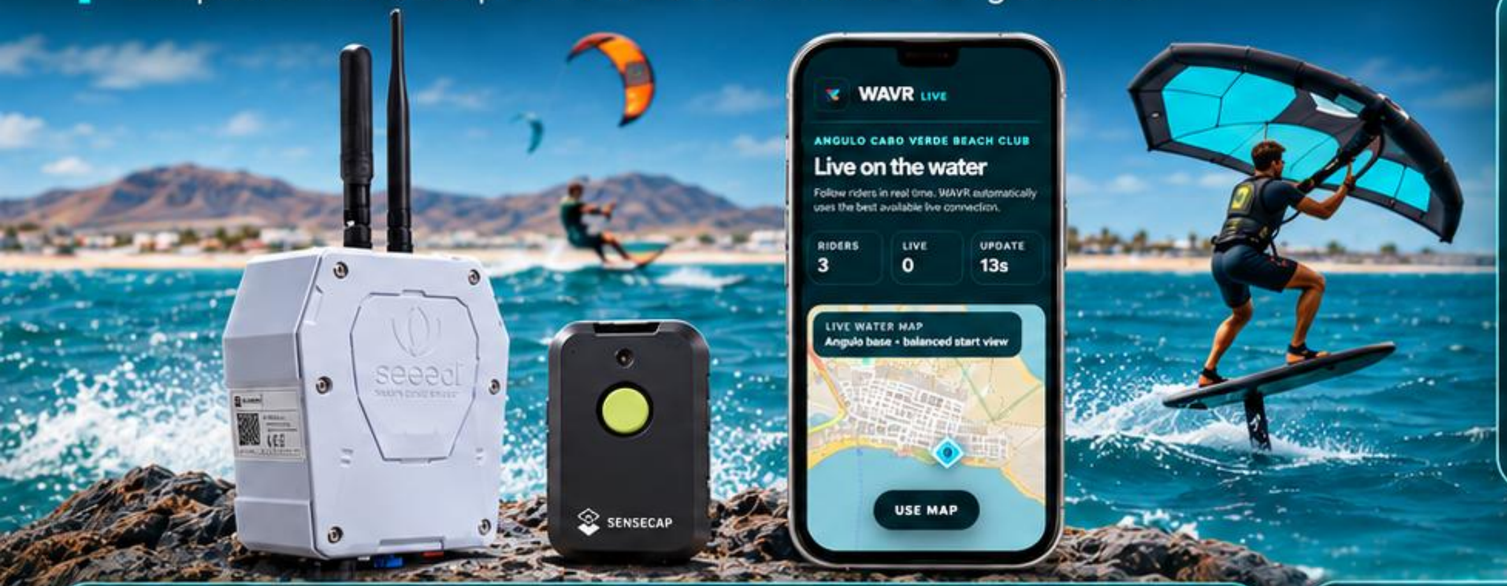
Rider beacon → LoRa base → Pi Edge → beach staff via local Wi-Fi hotspot. Data is retained on site and synced to Cloud after connectivity returns.

BUILT FOR CONTROLLED FIELD TESTING.

Cloud and Pi are installed together on v0.11.01. Controlled on-water acceptance with three pilot trackers is the next milestone.

Installed, connected and ready for controlled field testing.

Cloud and Pi now run together on version 0.11.01. The next milestone is controlled on-water acceptance with three pilot trackers across kite and wing sessions.



CURRENT INSTALLATION STATUS

Cloud API	0.11.01
Pi Edge	0.11.01
Cloud sees Pi	Online • version 0.11.01
Safety faults	0 reported
Services	5 / 5 active
SOS field acceptance	Not yet executed
Offline field acceptance	Not yet executed

PILOT SETUP AT ANGULO

S001 SURFER-001	**S002** SURFER-002	**S003** SURFER-003	**LOCAL BASE** KB01 + Pi Edge

SAFETY WORKFLOW

1. SOS → 2. ACK → 3. HELP → 4. RESOLVE

The local operator remains in control; Cloud mirrors status when connectivity is available.

NEXT FIELD STEPS

1. Verify GPS and radio on the water
2. Check Cloud / Pi screen parity
3. Run controlled SOS / ACK / HELP / RESOLVE
4. Test hotspot-only offline operation
5. Reconnect internet and confirm Cloud catch-up

WAVR supports local situational awareness and response. Official rescue escalation remains a separate local procedure.