



WIND WHERE THE PROJECTILE FLIES

The wind you measure at the firing point is not the wind your projectile flies through.

0.4 mil

- At 1,000 m, with a .338 LM 250-grain load, a 1 m/s error in crosswind means 40 cm at the target. **Four clicks.**
- Terrain, obstacles, altitude: every factor changes the wind between you and the target. A single station at the firing point cannot see it.

WHY OUR OWN STATIONS?

NOTHING MET OUR NEEDS

What we found

A single station at the firing point, at hand height. One point, one value, to type into the app.

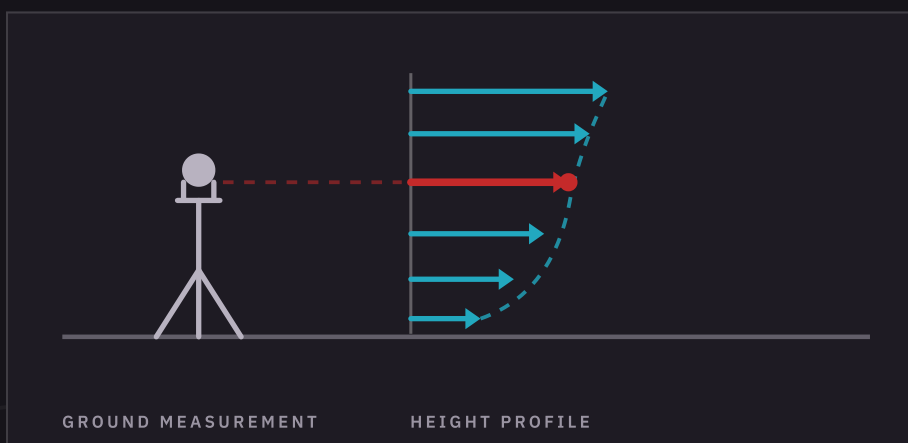
What we wanted

Several points along the firing line, geolocated, continuously refreshed, and fed straight into the calculation.

- So we built them. Impacts NowCast feeds the calculation **with measurements instead of estimates.**

WIND AT 2 M IS NOT WIND AT 30 M

MEASURE, THEN CALCULATE ALONG THE FLIGHT



- Height profile.** The wind measured by the station is carried up to the projectile's actual flight height, according to the terrain.
- Gradient along the shot.** Several stations on the line: the wind is interpolated from the firing point to the target.
- Segments and terrain.** Meadow, crops, forest: each stretch of the shot has its own roughness.

0.6 mil

when the wind goes from 3 to 8 m/s along the shot

0.8 mil

for a 20 m dip under the trajectory

0.2 mil

for a forest on one segment

.338 LM · 1,000 m · simulation results from the Impacts Ballistic engine, with identical conditions at the firing point.



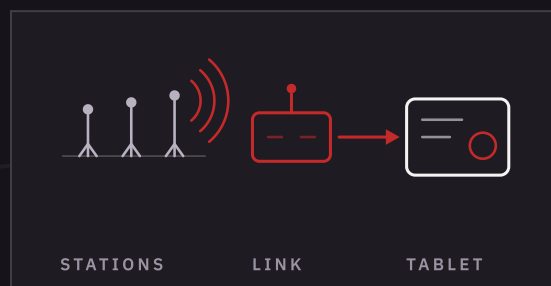
IMPACTS NOWCAST

REAL-TIME WEATHER · STATION & LINK

FOR THE APP
IMPACTS BALLISTIC



STATIONS, LINK, TABLET



- The stations measure four times per second.
- The Link listens to the network and relays to the tablet.
- The tablet calculates with the wind along the trajectory.

The calculation never stops.



THE STATION

- Ultrasonic anemometer, no moving parts
- Temperature, pressure, humidity, GPS
- Networks of 1 to 4, linked by radio, no infrastructure
- Master or Node: same station, role set at configuration
- Box: two days of battery life · Solar: unlimited



THE LINK

- Standalone, or linked to the stations
- Brings the weather to the tablet over Bluetooth
- Unlimited number of Links per Master station
- On its own: temperature, pressure, humidity

JUST ONE STATION? IT WORKS.

START SIMPLE, REFINE LATER

One station is enough to start

Built on the experience of our multi-station networks, the app extends the measurement along the whole trajectory, using the terrain and the segments you describe.

Every extra station is one less estimate

The more faithfully your segments describe the terrain, the more accurate the calculation. Add stations along the line: each one replaces an estimate with a measurement.

PRICES

BUILD YOUR FIRING LINE

Master / Node station · Solar	Unlimited battery life	€3,600 incl. VAT €3,000 excl. VAT
Master / Node station · Box	Two days of battery life	€3,000 incl. VAT €2,500 excl. VAT
Link	Standalone or linked to the stations	€360 incl. VAT €300 excl. VAT

Prices include 20% French VAT; app not included. Impacts Ballistic app: Sport licence, €150 incl. VAT per year.

Contact us.

Let's talk about your firing line and the setup that suits it.

contact@impactsballistic.com

All of NowCast online: **impactsballistic.com/en/nowcast**

Meet us at our stand at the Salon Tir Expo, 3-4 October 2026.

