

OUTPOST PRO

Satellite internet and long-range WiFi on a trailer. Tow it to site, raise the mast, and the cameras, sensors and phones around it are online. No mains power and no mobile coverage needed.

01 OF 04 · THE STATION



Concept image. The WiFi antennas are drawn in.

- 1 STARLINK DISH**
Satellite internet from anywhere with a clear view of the sky.
- 2 TELESCOPIC MAST**
Lifts the dish and antennas clear of the trailer. Lowers for towing.
- 3 LONG-RANGE WIFI ANTENNAS**
Three Ubiquiti sector antennas, 120 degrees each, cover the full circle around the station.
- 4 CONTROL BOX**
Alloy cabinet at working height. Solar controller, converters, router and protection in one place.
- 5 BATTERY BANK**
A 48 volt bank stores the day's solar and runs the station through the night.
- 6 SOLAR ARRAY**
Four 440 W panels, 1,760 W in total, on a tilted rack.
- 7 ROAD TRAILER**
Welded alloy, single axle. Tow it in, unhitch, level it and leave it working.

HOW THE CONNECTION GETS THERE



COVERAGE

360 degrees

REACH

Up to 1 km, line of sight

SOLAR

1,760 W

MAINS POWER

Not needed

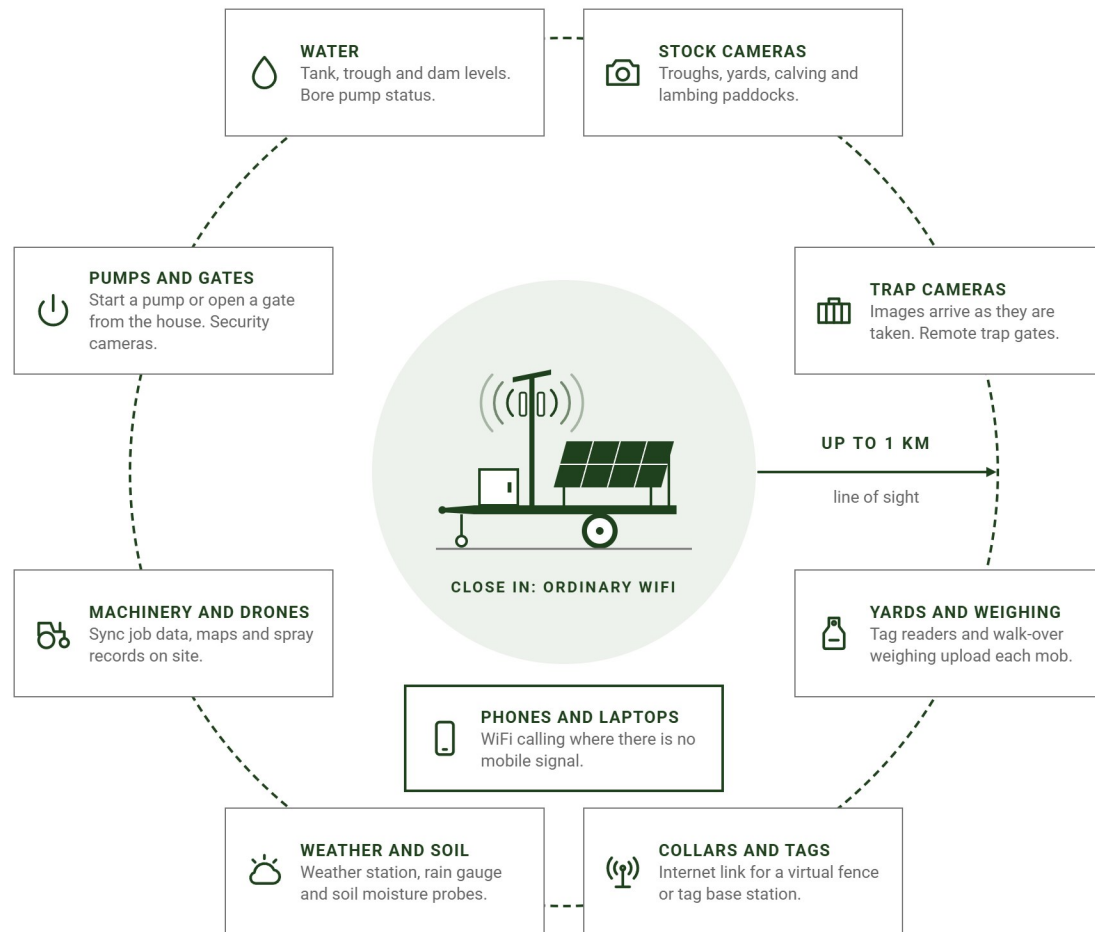
MOBILE COVERAGE

Not needed

Reach depends on terrain, vegetation and the radio fitted at the device. Phones and laptops connect close to the station.

ON THE FARM

Most of a property has no mobile signal, so the water, the stock and the traps are only checked when someone drives out. Park the station on a rise and the paddocks around it come online.



WHAT IT CHANGES

See it from the house

Check water, stock and traps on your phone before you drive out.

Know sooner

A dropping tank or a sprung trap sends an alert that hour, not on the next bore run.

One connection for every brand

Any device that uses WiFi or plugs into an ethernet cable can share the link.

Moves with the work

Tow it to the lambing paddock in winter and the harvest camp in summer.

WHAT THE DEVICES NEED

Phones and laptops connect close to the station. A fixed device further out needs a clear line of sight to the mast and a small directional radio beside it.