

Field mini

— the powerline survey collector in the surveyor's pocket

An Android app that collects poles, conductors and clearances with the surveyor's own total station and GNSS receiver, and hands the finished job straight to nPoles.

90-day
free trial

Sag shots with the weather that made them

The moment a mid-span height is entered, the air temperature, solar radiation and wind at the pole are recorded against that circuit, from the nearest station and the Bureau, corrected to the pole's own height. Everything needed to work the sag back to a conductor temperature travels with the job.

Poles measured from the ground

Reflectorless shots to the pole top, the crossarm and each conductor give heights, insulator drops and offsets in one visit. Three sights with the total station give the pole's diameter, and a shot to the top gives its lean.

Total stations and GNSS over Bluetooth

Sokkia and Leica total stations over Bluetooth or Wi-Fi, RTK receivers with NTRIP corrections. Touch a box on the form, take the shot, and the reading lands in it.

The map in the field, offline

Property boundaries, road easements, survey marks, contours and aerial imagery, downloaded once as data packs and then needing no signal. National maps for 17 countries and interstate marks and cadastre when the work is elsewhere.

Find the permanent mark

Walk to a survey mark or a cadastral corner with the phone's own GNSS guiding you: distance and direction to the nail in the footpath.

The surveyor's calculations, on the phone

Comps, intersections, point on line, chainage and offset, swaps; split and join conductor strings; a chart finder that names the stringing chart from the sags you measured.

One job, everywhere, instantly

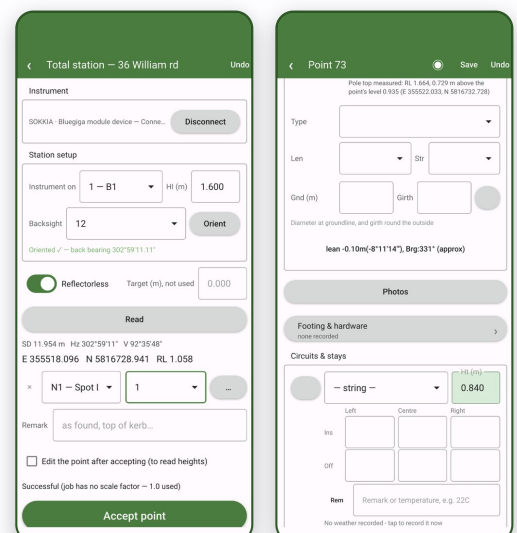
Pair the phone with nPoles on the desktop or another phone and send a job across in seconds. It comes back with the changes. The same job file end to end, nothing re-typed.

Undo, always

Every edit, shot, clone and delete can be undone, fifty steps back, even after the job has been closed and opened again.



The job on aerial imagery, with the pole line and every point



A total station connected over Bluetooth, and a pole with its top, lean and circuits measured



Try it free for 90 days

Scan the code on an Android phone, or go to <https://portal.npoles.com/fieldmini/download>. Install, open a job, and start collecting. No account, no card. Register when you are ready to keep it.

Already an nPoles customer?

Every nPoles Field or Desktop subscription you hold earns a Field mini licence free for 12 months.