Cluster Survey

From 15 survey points a day to 100

A survey company's teams replaced DGPS with Cluster Survey on their phones. A surveyor now records about 100 points a day, where DGPS allowed 15 to 16, and time spent on field surveys has fallen by 75 percent.

A field survey company

Surveys of physical assets, often in remote areas

100
points per surveyor per day, against 15–16 with DGPS

75%
less time spent on field surveys

Most
surveys now run without DGPS

The client

A survey company working where the ground is hard to reach.

The company carries out field surveys of physical assets for its clients. Its surveyors and supervisors work in teams, often in remote areas, and hand over structured asset records at the end of each survey.

The problem

Survey kit that set the pace.

- With DGPS, a surveyor could record no more than 15 to 16 points in a day.
- Data had to be moved from instruments and forms into the final record after each survey, which added days before anyone could use it.
- Remote areas were left out of surveys because the kit and the effort made them uneconomic.

What we delivered

Cluster Survey in the field.

- An Android app for surveyors: location and attributes captured on a phone, with or without signal.
- A portal for supervisors: each survey divided down to a single surveyor's scene, with two levels of quality checks.
- Support from our team every day of the week, including days off.

Results

What changed for the survey teams.

Points recorded per surveyor per day	15–16 with DGPS → about 100
Time spent on field surveys	Down by 75 percent
DGPS	No longer used for most surveys
Remote areas	Now surveyed; previously out of reach
Data handover	No transfer step: records are in the portal as they are captured
Use by the team	Surveyors and supervisors use the app to its full extent

> The company's team told us they now rely on Cluster Survey for their day-to-day survey work, and that it has let them take on areas they could not reach before.
>
> Summary of feedback from the client's team

Why it worked

In the client's view.

- Our commitment to serving them on working days and days off alike.
- No time lost moving data from conventional instruments into records.
- The accuracy of the captures.

What we are improving

From the same feedback.

- Shorter response times on support requests.
- Higher accuracy for uses such as land demarcation.

What comes next

Smart metering: reading meters automatically, without sending surveyors to each one.

Next step

Plan your next survey with us.

Tell us about your operation. A first call takes thirty minutes. info@unyde.in · +91 99719 17137 · unyde.in

Schedule a call

Clients are not named in Unyde case studies.