

Product catalogue 2026

Desktop tools and resources for health planning, agriculture, field data and reporting. They work offline, on your own data, with results you can check.

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Health and service planning: A-TAB Spatial Access Analyser, A-TAB Facility Site Planner, A-TAB Target Population Estimator, A-TAB Priority Area Ranker

Agriculture and food security: A-TAB Land Suitability Planner, A-TAB Farm Survey Checker

Field data and operations: A-TAB Survey Form Checker, A-TAB Location Data Checker, A-TAB Field Coverage Tracker

Monitoring, evaluation and reporting: A-TAB Donor Report Builder

Knowledge and skills: A-TAB AI Workflow Kit for GIS

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About us

A-TAB Global Informatics Nig Ltd is a Nigerian geospatial company. We build practical software for the people who plan health services, run field operations, manage agricultural programmes and report results to donors, drawing on our own GIS and monitoring work.

What every product has in common

- Works offline on your own computer. Your data is not sent to us or to anyone else.
- You bring your own data and choose your own settings; we never lock you into a data source.
- Tested against known answers: each tool ships with demonstration data whose correct results are written down, and a built-in self-test you can run at any time.
- Plain-language results: reports, Excel workbooks and maps that a programme manager can read, with the method stated.
- Decision support, not a black box: assumptions and limits are shown, and results are meant to be checked with local knowledge.

Products at a glance

Product	What it answers	Who it is for
A-TAB Spatial Access Analyser	Who can reach a health facility, and where should services go next?	Health planners, state ministries and agencies, programme managers, NGOs and consultants.
A-TAB Facility Site Planner	Where should the next facilities or outreach sites go?	Planning units, health programmes, NGOs and donors deciding where to invest.
A-TAB Target Population Estimator	How many people does each area need to reach, and how sure are we?	Immunisation and health programmes, microplanning teams, NGOs and planning units.
A-TAB Priority Area Ranker	Which areas come first, and can we explain why?	Programme managers, planners and M&E teams in health, WASH, education, agriculture and local government.
A-TAB Land Suitability Planner	Where should we farm, store or process, and how good is this farm?	Agricultural programmes, investors, cooperatives, extension services and agribusinesses.
A-TAB Farm Survey Checker	Will this farm survey work, and are the farm figures coming in believable?	Agricultural programmes, extension services, input-distribution and farmer-registration projects, and their M&E teams.
A-TAB Survey Form Checker	Will this form work in the field, and is the data coming in good?	M&E teams, survey managers, field coordinators and research organisations.
A-TAB Location Data Checker	Is this facility or settlement list ready to use?	Data managers, GIS teams and programmes that maintain master lists.
A-TAB Field Coverage	Where did the field teams go, and what did	Campaign managers, supervisors and

Tracker	they miss?	programmes that track vaccination, distribution or survey teams.
A-TAB Donor Report Builder	From monitoring data to a donor-ready report, with figures you can trust.	M&E officers, programme managers and organisations reporting to donors.
A-TAB AI Workflow Kit for GIS	Tested GIS workflows for analysts who use AI assistants.	GIS analysts, M&E, surveillance and data teams, planners, students and trainers.

A-TAB Spatial Access Analyser

Who can reach a health facility, and where should services go next?

HEALTH AND SERVICE PLANNING

Measures geographic access to health facilities for every community in a state or district, shows who is left out, and ranks wards by priority with a suggested action for each.

What it does

- Distance from every population cell to the nearest facility and, with a travel-time surface you supply, travel time on foot or by vehicle.
- Coverage within the distance or time bands you choose, for every ward, LGA and area type; catchment population and load for every facility.
- Rural, peri-urban and urban classification, with equity indicators for each ward.
- A ward priority index with a stability check on the weights, and a suggested intervention for each ward (new facility, outreach, more capacity or monitor), with the reason.
- Data checks that catch duplicate facilities, points outside the area and gaps or overlaps between boundaries, so every total adds up exactly.
- A report, an Excel workbook, maps, GIS layers and an interactive offline dashboard.
- Network edition: travel time along your own road layer, road speeds calibrated from GPS tracks, and road investment and rainy-season scenarios: which upgrades, bridges or new roads bring the most people within reach of care, within a budget.

Built for	Health planners, state ministries and agencies, programme managers, NGOs and consultants.
You provide	A facility list (CSV or GIS layer), a population layer (raster or grid) and administrative boundaries; for the Network edition, a road layer and, optionally, GPS tracks and road projects.
Proven on	Tested end to end on real public data for a whole Nigerian state: about 4.2 million people, 1,487 facilities and 252 wards in about two minutes on a laptop.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Facility Site Planner

Where should the next facilities or outreach sites go?

HEALTH AND SERVICE PLANNING

Finds the locations for new facilities or outreach sites that bring the most people not yet served within reach, and plans monthly outreach for the people who remain out of reach.

What it does

- The best 1 to N new sites by distance or by travel time, optimised as a set, with the people gained by each additional site.
- Advice for phased building: if sites will be built one at a time, it names the best site to build first.
- Your own candidate locations, or a regular grid of candidates; existing facilities just outside the area are counted.
- An outreach plan for people still out of reach: session sites, the facility or mobile team that serves each one, and a monthly visit plan within team capacity.
- Excel, maps, GIS layers and a single-file report; every total reconciles.

Built for	Planning units, health programmes, NGOs and donors deciding where to invest.
You provide	Existing facilities, population (raster, grid or points) and a study area; optional candidate sites and travel-time surface.
Proven on	A state of 4.2 million people is planned in about five seconds.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Target Population Estimator

How many people does each area need to reach, and how sure are we?

HEALTH AND SERVICE PLANNING

Estimates target populations (for example under-fives or women of reproductive age) for wards, settlements and facility catchments, projects them to the year you plan for, and compares them with official figures.

What it does

- Population from area totals, household counts × household size, population rasters, grids or settlement points, or Spatial Access Analyser catchments.
- Growth to a common target year, with the base year and the source of every rate and proportion recorded.
- Any target group you define, with low and high estimates from the ranges you give.
- Comparison with official denominators, flagging areas where they differ by more than your threshold; official scaling optional, raw estimates always kept.
- A microplanning workbook, maps, GIS layers and a report.

Built for	Immunisation and health programmes, microplanning teams, NGOs and planning units.
You provide	Population figures or layers, and your own proportions and growth rates; optional boundaries, settlements and official targets. No national figures are built in.
Proven on	100,000 estimates for 20,000 areas and five groups are calculated in under a second, and every demo result matches answers fixed in advance.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Priority Area Ranker

Which areas come first, and can we explain why?

HEALTH AND SERVICE PLANNING

Ranks areas on any indicators, in any sector, with a transparent score, a breakdown for every area and a check on how much the ranking depends on the weights.

What it does

- Your own indicators, with direction (higher or lower is worse), scaling, handling of missing values, groups and weights.
- A priority score and class for every area, with the contribution of each indicator.
- A stability check that varies the weights and reports how far each rank can move.
- Warnings when two indicators measure almost the same thing.
- Maps from your boundaries, a GIS layer, CSV tables and an offline report.

Built for	Programme managers, planners and M&E teams in health, WASH, education, agriculture and local government.
You provide	A table of areas with indicators (Excel or CSV); optional boundaries for maps.
Proven on	20,000 areas with eight indicators and 200 stability runs are ranked in about a second, with every score checked.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Land Suitability Planner

Where should we farm, store or process, and how good is this farm?

AGRICULTURE AND FOOD SECURITY

Land suitability, candidate sites, farm assessment and warehouse siting from your own map layers, in one desktop tool.

What it does

- Suitability from your layers (rainfall, temperature, soil, slope, distance to roads and water) with ideal and acceptable ranges, weights and exclusions such as protected areas or steep land.
- A map of what limits each place, and hectares in each suitability class.
- The best compact parcels of the size you need, ranked, with a check on how much the ranking depends on the weights.
- One printable page per farm: suitability, crops ranked from editable crop profiles, and warnings where map data is too coarse for the farm.
- Warehouses, collection centres or processing sites placed to reach the most production.
- Eleven example crop profiles to start from, to be adapted with a local agronomist.

Built for	Agricultural programmes, investors, cooperatives, extension services and agribusinesses.
You provide	A study area, raster and vector layers for each criterion, and optionally farm boundaries and production points.
Proven on	A whole state of about 45,000 km ² at 100 m detail (4.5 million cells) is analysed in under a minute on a laptop with 6 GB of memory.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Farm Survey Checker

Will this farm survey work, and are the farm figures coming in believable?

AGRICULTURE AND FOOD SECURITY

Checks farmer registration, crop-cut and input-distribution forms for KoboToolbox and ODK before fieldwork, and checks the farm data every day while it comes in.

What it does

- Form Check with farm rules: sizes and weights without a unit, plot sizes that are only stated and never measured, yields without grain moisture; a score out of 100 and a fix for every finding.
- Farm checks on the submissions: stated plot sizes against the walked boundary, acres and hectares mixed up, boundaries saved without walking, the same plot registered twice, yields outside the range for each crop, quantities above the programme's package, one phone number for several farmers.
- All the standard daily checks too: duplicates, rushed interviews, GPS problems, data without consent and enumerators who stand out, with progress and a back-check sample.
- The Agriculture kit built in: farmer and plot registration, crop-cut yield and post-distribution monitoring forms, with scenarios, monitor settings, practice data with an answer key, an enumerator manual, supervisor and pilot-testing protocols and training slides.

Built for	Agricultural programmes, extension services, input-distribution and farmer-registration projects, and their M&E teams.
You provide	XLSForm files (.xlsx) and submission exports from KoboToolbox or ODK Central, including the plot rows of repeat groups.
Proven on	The kit forms score 100; the farm checks find exactly the problems planted in KoboToolbox and ODK Central exports, with no false alarms.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Survey Form Checker

Will this form work in the field, and is the data coming in good?

FIELD DATA AND OPERATIONS

Checks KoboToolbox and ODK forms before fieldwork, tests their skip logic with example respondents, and checks the submissions every day while data collection runs.

What it does

- Form Check: 46 rules on structure, logic, usability, data quality, settings and personal data, with a score out of 100 and a fix for every finding.
- Scenario tests: example respondents confirm what is asked, hidden, refused or calculated; automatic tests find questions that can never be reached.
- Data Monitor: daily checks for duplicates, rushed interviews, GPS problems, data without consent, straight-lining and enumerators who stand out, with progress and a back-check sample.
- Three sector kits (Health, M&E and GIS field): three ready forms each, with scenarios, monitor settings, practice data, an enumerator manual, supervisor and pilot-testing protocols and training slides.

Built for	M&E teams, survey managers, field coordinators and research organisations.
You provide	XLSForm files (.xlsx) and submission exports from KoboToolbox or ODK Central.
Proven on	Every kit form scores 100 and passes all its scenarios; the monitor finds exactly the problems planted in each practice data set.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Location Data Checker

Is this facility or settlement list ready to use?

FIELD DATA AND OPERATIONS

Checks lists of facilities, settlements or other places before they are used, groups likely duplicates and proposes coordinates, without ever changing the original values.

What it does

- 24 checks in four levels of severity: coordinates, administrative areas, duplicates, content and reference matching.
- Name matching that ignores case, accents, punctuation and generic words, while keeping apart names that differ only by a number.
- Duplicate groups for review, and coordinates proposed from a reference list you supply.
- Optional corrections in new columns, with an audit trail.
- A report, Excel, CSV and GIS outputs.

Built for	Data managers, GIS teams and programmes that maintain master lists.
You provide	A list in Excel, CSV or a GIS layer; optional study area, boundaries and reference list.
Proven on	A real state facility list of 2,061 records is checked in about 13 seconds.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Field Coverage Tracker

Where did the field teams go, and what did they miss?

FIELD DATA AND OPERATIONS

Turns raw GPS tracks from field teams into answers: where teams went, how long they stayed, which settlements and areas were reached or missed, and how good the tracking data was.

What it does

- Reads many tracker files at once and sets aside unusable points with the reason.
- Stops, visits and time spent at each settlement; settlements and target areas reached or missed; passes without a stop.
- Coverage map, daily stop timelines, team tables and the longest stops.
- Data-quality figures for every team and device.
- A single-file report, Excel and GIS outputs.

Built for	Campaign managers, supervisors and programmes that track vaccination, distribution or survey teams.
You provide	GPS tracker exports (CSV), target areas and a settlement list.
Proven on	A simulated campaign of 100 teams over 10 days (2.9 million GPS points) is processed in about two and a half minutes, with every planned stay found.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB Donor Report Builder

From monitoring data to a donor-ready report, with figures you can trust.

MONITORING, EVALUATION AND REPORTING

Turns programme monitoring data in Excel or CSV into indicator tables, status against targets, a dashboard and Word and PDF reports, with every calculation tested against known answers.

What it does

- Indicators as sums, unique counts, latest values, maxima, ratios and means, by period and year to date, without double counting.
- Targets, expected progress, achievement and status; disaggregation with small-number protection.
- Written commentary built only from the results, with space for the team's reasons and actions.
- Excel workbook, editable Word report, PDF report and an offline dashboard.
- An organisation roll-up across projects.

Built for	M&E officers, programme managers and organisations reporting to donors.
You provide	Your monitoring data in Excel or CSV, and a reporting framework workbook (template included).
Proven on	About 1.2 million data rows are processed in 13 seconds.

Format: Windows desktop application with installer, user guide, demonstration project and built-in self-test.

A-TAB AI Workflow Kit for GIS

Tested GIS workflows for analysts who use AI assistants.

KNOWLEDGE AND SKILLS

272 GIS workflows, each with a prompt for your AI assistant, what to expect, common mistakes and how to check the result, plus code that is tested against known answers.

What it does

- Workflows in 23 categories: health and field operations, target populations, priorities, campaigns, surveillance, survey monitoring, agriculture, travel time, land parcels, hazards, infrastructure and core GIS skills.
- 207 Python, SQL and PyQGIS code starters, each run against sample data with a known answer.
- The same task in QGIS, PostGIS and ArcGIS Pro.
- An offline searchable library and a printable PDF; no account and no installation.
- Starter, Pro and Team editions, with regular updates; a free sample of 10 everyday workflows.

Built for	GIS analysts, M&E, surveillance and data teams, planners, students and trainers.
You provide	Any web browser. Python, PostGIS or QGIS to run the code starters (Pro).
Proven on	Every code starter is re-run and checked on each release.

Format: an offline HTML library and a PDF (Starter); plus code starters, sample data and checks (Pro); Pro for up to 10 people (Team).

Licences and pricing

Licences are available for one user, for a team of up to five, and as sector suites for organisations: Health and service planning, Agriculture, and Field operations and M&E. Ministries and large organisations can ask for a quotation covering all tools. Organisations can buy by quotation and invoice. Prices and licence options are available on request.

Services

- Training for your team in any of the tools, in person or online.
- Project set-up: preparing your data, settings and first results with you.
- Analysis and reporting carried out for you, using the same methods.
- Adapting the forms, kits and crop profiles to your programme and area.

System requirements

Windows 10 or 11 desktop or laptop; 8 GB of memory recommended for state-wide analyses (4 GB is enough for district-level work). No internet connection is needed to run the tools. A-TAB AI Workflow Kit for GIS opens in any web browser.

Contact

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