

FOR CITY & MUNICIPAL EXECUTIVES

ATLAS

Municipal Intelligence Platform

One trusted source of resident intelligence — captured in the field, cleaned at the center, verified in your office.



Prepared by XAKATA Tech
Systems Built to Last

CONFIDENTIAL — FOR EVALUATION

The whole municipality, counted once.

THE PROBLEM

Every decision a mayor signs — the budget, the disaster response, the benefits list, the report to the province — rests on population data that is scattered across barangay files, paper forms, and spreadsheets that do not agree with each other. Administrations are governing on numbers they cannot fully defend.

THE SOLUTION

ATLAS provides one clean, deduplicated, privacy-compliant population database for the entire municipality. Enumerators register households on tablets, offline; records sync to a municipal server where duplicates are flagged automatically; nothing becomes official until municipal staff verify it. The system runs on-premise, on the municipality's own hardware.

THE VALUE

A resident count the administration can put its name on: audit-ready, reconciled against voter lists, compliant with RA 10173, and available as finished official reports in seconds rather than days. Data sovereignty is complete — no cloud vendor, no subscription lock-in, no internet dependency.

IN ONE LINE

One municipality. One record per resident. One number you can stand behind.

Why this matters to the Office of the Mayor

Every decision you sign is only as good as the population data behind it. The budget. The disaster response. The beneficiary masterlist. The report to the province. Each one carries your signature — and each one inherits the quality of the numbers underneath it.

Today that data is scattered across barangay files, paper forms, and spreadsheets that don't agree with each other. Counts conflict. Residents appear twice, or not at all. Reports take days to compile by hand — and still invite questions.

You are governing on numbers you cannot fully defend.

ATLAS replaces that patchwork with one clean, deduplicated, privacy-compliant population database for the whole municipality — built offline, on your own hardware, under your own control.

*“One municipality. One record per resident.
One number you can stand behind.”*

THE ATLAS STANDARD FOR MUNICIPAL DATA

ATLAS at a glance



One source of truth

Every barangay's data in one authoritative database — no more conflicting counts.



Every resident counted once

Automatic duplicate detection — inflated or double-counted rolls become impossible to miss.



Paperless field collection

Enumerators register households on tablets, offline. No paper, no re-encoding, no lost forms.



Voter reconciliation

Residents cross-matched against COMELEC lists automatically — registered vs. not, at a glance.



Households & family lineage

True household occupancy and family relationships, visible across the whole municipality.



Reports on demand

Official, formatted reports generated in seconds — not days of manual compiling.



On-premise & offline

Runs on your hardware, works without internet. Data never leaves the municipality.



Human-verified

Nothing becomes official until your staff review and approve it.

The ATLAS ecosystem

Three components, already built to work together. Data moves in one direction — from the field, to the center, to your office — gaining accuracy at every step.



01 Field Collection

Enumerators register households on affordable Android tablets — fully offline, with family relationships captured automatically. Records sync the moment a tablet is back in range.



02 Municipal Server

All field data lands in one central, on-premise database. Likely duplicates are flagged automatically in the background; voter lists are cross-matched against COMELEC records.



03 Municipal Office

Your staff review flagged records, approve what is verified, and generate official reports on demand. Nothing becomes official without human sign-off.

The entire pipeline operates without internet connectivity and without any cloud vendor. Personal data never leaves municipal hardware.

From the field to a defensible database

1

Field collection without paper



Enumerators walk the barangays with tablets and register households even with no signal — heads, spouses, children, and siblings, with family relationships captured automatically. Records sync to your server the moment they're back in range.

WHAT YOU GET

Faster coverage, lower cost, and data that arrives clean — no warehouse of paper forms waiting weeks to be re-typed by hand.

A population database you can defend

2



Every record from every field team lands in one central database. The system automatically flags likely duplicates in the background, turning what used to be an impossible manual audit into a simple review queue.

WHAT YOU GET

A resident count you can put your name on — clean enough to survive an audit from COA, the province, or a political rival.

3

Automatic voter reconciliation



Residents are cross-matched against COMELEC voter lists — instantly showing who is registered and who is not, at the aggregate level.

WHAT YOU GET

The factual basis for legitimate voter-education and registration drives, and record reconciliation — without days of manual list-comparison.

From clean records to daily governance

4

Households & family lineage



ATLAS maps who lives with whom and who is related to whom across the entire municipality — real household occupancy, not just loose names.

WHAT YOU GET

The ability to plan by household — relief goods, housing, utilities — and to see family structures for civil-registry and welfare work.

Reports in seconds

5



Population summaries, masterlists, senior-citizen and PWD lists, beneficiary rolls, voter-eligibility reports, mortality reports — all generated on demand as finished, formatted documents.

WHAT YOU GET

When the province, DILG, or a barangay captain asks for numbers, you answer the same day — with confidence.

6

Your data, your hardware, your control



ATLAS runs on-premise on modest municipal hardware and works fully offline. No cloud vendor, no subscription lock-in, no rural-internet dependency.

WHAT YOU GET

Full data sovereignty and RA 10173 (Data Privacy Act) compliance — all personal data stays under municipal control.

What it changes for your administration

TRADITIONAL OPERATIONS

- Conflicting counts from different barangays
- Weeks of manual encoding after every survey
- Duplicate and “ghost” records nobody can catch
- Reports compiled by hand, days late
- Data quality you have to hope no one questions

WITH ATLAS

- ✓ One number, one database, whole municipality
- ✓ Data syncs straight from tablet to server — no re-encoding
- ✓ Duplicates flagged automatically, resolved in a queue
- ✓ Official reports in seconds, on demand
- ✓ Clean, audit-ready, privacy-compliant data you can defend

The difference is not more data. It is one number the whole municipality can agree on.

What the institution gains



Better governance

Budget, disaster response, and planning rest on real numbers, delivered in seconds.



Better public service

Benefits and services reach the people actually entitled to them — seniors, PWDs, and beneficiaries targeted correctly.



Operational efficiency

No re-encoding, no manual list-comparison, no days-long report compilation. Staff time goes to verification, not typing.



Data integrity

Every record deduplicated, human-verified, and traceable — clean enough to survive external audit.



Privacy compliance — RA 10173 by design

All personal data stays on municipal hardware, under municipal control. Used as intended, ATLAS is an aggregate planning and service-delivery tool — it answers questions about populations and areas, and keeps all personal data lawful. That boundary is what makes the credibility real and durable.

A quiet asset for the administration

Clean, defensible data is a political asset — not because it persuades, but because it removes doubt. An administration that can show accurate, privacy-respecting records earns trust from constituents, the province, and oversight bodies alike.

Credibility

Records that survive scrutiny — from COA, the province, or a political rival — put the administration on the front foot in every discussion about numbers.

Trust

Privacy-respecting handling of resident data, verifiable and lawful, builds durable trust with constituents and civil society.

Service delivery

When everyone is counted once and correctly, good targeting of benefits is good governance — and visible, felt governance.

Modern governance

Faster, sharper decisions: budget, disaster response, and planning grounded in real numbers, available the same day they are asked for.

Institutional legacy

Being the mayor who digitized the municipality's records end-to-end is a concrete, visible accomplishment that outlasts a single term.

Why ATLAS



Offline-first

Built for real LGU conditions: offline in the field, on-premise at the center, affordable Android tablets for teams. No rural-internet dependency, ever.



Privacy by design

RA 10173 respected from the ground up. Aggregate answers for planning; personal data lawful, minimal, and under municipal control.



Municipality-owned data

No cloud vendor, no recurring lock-in. You own the system, the hardware, and every record in it.



Complete ecosystem

Not a single app: field tablet, central server, and office console — already built to work together, delivered as one system.

One municipality. One record per resident. One trusted source of truth.

Capture in the field. Clean at the center. Verify at your office. See your own barangays on one screen — counted once, cleaned, and ready to govern with.

NEXT STEP

Request an executive demonstration

WEBSITE
xakata.uk

EMAIL
lynchamiento@gmail.com

PHONE
0966 704 6147



XAKATA Tech
SYSTEMS BUILT TO LAST