

iDbase360

The Complete Managed Data Estate



iDbase Software

It's about insight and decisions!

The data confidence crisis.

South African organisations generate more data than ever. Very few trust it enough to act on it with confidence.

R10M



Maximum POPIA Penalty

Enforcement notices have been issued. April 2025 introduced mandatory breach reporting requirements. Your compliance posture is a live, auditable legal obligation — not a future risk.

31%



Of Revenue Lost to Bad Data

Data quality issues erode organisational revenue directly. The damage compounds invisibly — wrong forecasts, duplicate records, misaligned reports — until a decision forces it into the open.

67



Data Incidents Per Month

The average organisation experiences 67 data incidents monthly. Most are detected after the business has already felt the impact — a wrong board report, a failed audit, an AI model trained on bad data.

127%



Average ROI from Governed BI

Within three years. Yet most SA executives do not trust the dashboards they receive. The technology is deployed. The governed foundation beneath it — platform, pipelines, quality, governance — is not.

Why now — the window is open.

Regulatory, strategic, and operational pressure are making inaction more expensive than acting.



Regulatory Urgency — POPIA Is Active

- Maximum penalty of R10 million — enforcement notices already issued by the Information Regulator
- April 2025 introduced mandatory breach reporting obligations now actively enforced
- King IV mandates board-level accountability for data and information governance
- A 2021 readiness exercise does not cover what is required today — obligations evolve continuously



Strategic Pressure — AI Demands Clean Data

- Every board is asking about AI. Very few data environments are actually ready to support it
- Lakehouse architecture is now proven and deployable — but only on a governed, engineered foundation
- By 2027, AI-driven analytics will represent 70% of enterprise analytics investment globally
- Organisations that cannot deliver governed, intelligent insight will fall behind those that can



Operational Risk — The Talent Gap Is Structural

- Data engineering is the scarcest, most expensive capability in the South African market
- Internal teams cannot proactively monitor, modernise, and build simultaneously
- DataOps-led organisations are 10× more productive — most SA teams lack the structure
- A managed service delivers always-on capability without the hiring, retention, or single-point-of-failure risk

Solutions overview.

Four products. Four layers. One integrated portfolio — each with its own managed service, monitoring, and remediation capability.

01 DataForge360



Platform Layer

Forged for performance. Built for trust.

- Platform & database health monitoring
- Compliance & security assessments
- Modernisation & cloud migration
- Real-time monitoring & remediation

02 DataFlow360



Engineering Layer

From raw to ready. Data engineering that flows.

- Data engineering as a managed service
- Ingestion, integration & pipeline management
- Layered warehouse architecture & modelling
- DataOps monitoring & self-healing pipelines

03 DataTrust360



Governance Layer

Governed data. Trusted decisions.

- Data governance framework & stewardship
- Automated data quality management
- Enterprise data catalogue & lineage tracking
- POPIA compliance & regulatory alignment

04 DataIQ360



Intelligence Layer

Intelligence delivered. Decisions empowered.

- Reporting, dashboards & certified BI
- Predictive analytics & AI-powered insight
- Audience-aware, compliant data delivery
- Analytics monitoring & estate management

01

DataForge360

Platform Layer

*"Your Data Platform. Forged for Performance.
Built for Trust."*

Why you need this

- Your data platform is the foundation of every business decision — if it is unstable, insecure, or outdated, everything built on it carries that risk without your team knowing it.
- POPIA enforcement is live. Penalties reach R10 million and the Information Regulator is auditing. Your platform's security and access controls are directly inspectable legal obligations.
- Legacy infrastructure is the single biggest barrier to AI adoption. Your leadership team is asking about AI — but the environment beneath it was never designed to support it.
- Internal teams cannot proactively monitor, modernise, and remediate simultaneously. Reactive platform management is how crises develop — undetected, until impact.

DataForge360.

What we deliver

Platform & Database Health

Continuous health assessments, performance diagnostics, capacity planning, and proactive issue detection — before the business feels any impact.

Modernisation & Upgrading

Technical debt mapping, upgrade roadmaps, legacy-to-cloud migration paths, version lifecycle management, and AI-readiness preparation.

Monitoring, Reporting & Remediation

Real-time dashboards, automated alerting on performance and security events, SLA-driven incident management, and monthly executive reporting.

Compliance & Security

POPIA-aligned security assessments, access control audits, encryption validation, breach detection protocols, and ongoing compliance posture monitoring.

Migration

Source system discovery, phased migration planning, data integrity validation at every stage, zero-disruption cutover, and full rollback protocols.

Continuous Improvement

Root cause analysis per incident, a prioritised improvement backlog per review cycle, and a platform that gets healthier — automatically, every month.

02

DataFlow360

Engineering Layer

"From Raw to Ready. Data Engineering That Flows."

Why you need this

- Every report, every dashboard, every AI model is only as good as the data flowing into it. Broken or unmonitored pipelines mean decisions made on incomplete or stale data.
- Most organisations discover pipeline failures when the business reports them — by then, reports are already wrong, decisions have already been made, and trust is already damaged.
- Data engineering is the scarcest and most expensive capability in the SA market. Building and retaining an internal team is slow, costly, and still leaves monitoring and remediation gaps.
- Without a structured, layered data architecture, every analytics investment you make is built on an unstable foundation — regardless of how advanced the reporting tool above it is.

DataFlow360.

What we deliver

Data Engineering as a Service

End-to-end pipeline design, development, and documentation. Change Data Capture, schema management, and AI-ready pipeline architecture — no internal hiring required.

Layered Warehouse Architecture

Raw → Cleansed → Business-ready data layers, with testing frameworks at each stage. Full pipeline documentation, versioning, and end-to-end lineage tracking.

Optimisation & Modernisation

Pipeline performance audits, legacy pattern modernisation, cost optimisation, and orchestration improvements — for pipelines that scale as your data volumes grow.

Data Ingestion & Integration

Pre-built and custom connectors across ERP, CRM, cloud applications, and legacy systems. ETL and ELT patterns, real-time streaming, and proactive failure detection.

Data Warehouse Modelling

Best-practice dimensional modelling, enterprise integration layer design, conformed dimensions, and a semantic layer that gives business users one version of truth.

DataOps Monitoring & Remediation

Real-time observability, SLA alerting, schema drift detection, anomaly identification, automated remediation, rollback protocols, and monthly DataOps health scorecards.

03

DataTrust360

Governance Layer

"Governed Data. Trusted Decisions."

Why you need this

- POPIA is a continuously managed obligation — not a once-off exercise. The regulatory landscape has changed since 2021, enforcement is active, and most organisations cannot demonstrate ongoing compliance.
- Data quality issues erode 31% of organisational revenue on average — mostly invisibly, until a wrong board decision, a failed audit, or a customer complaint makes the damage visible.
- Without a data catalogue and lineage tracking, teams duplicate work, arrive at conflicting answers, and lose trust in the data. That loss of confidence is expensive and hard to recover.
- AI adoption without governance produces ungoverned outputs. Reliable AI requires quality-assured, catalogued, lineage-tracked data — without it, AI investments deliver unpredictable results.

DataTrust360.

What we deliver

Data Governance Framework

Governance framework design, data ownership and stewardship model, Information Officer support, data policy library, and governance maturity assessments.

Data Catalogue & Lineage

Automated asset discovery, end-to-end lineage tracking, business glossary, data certification (Endorsed / Promoted / Certified), and sensitive data discovery.

Compliance Monitoring & Alerting

Real-time compliance dashboards, automated policy violation alerts, monthly health scorecards, and audit-ready evidence packs compiled continuously — not under deadline.

Data Quality Management

Automated quality rules at ingestion, transformation, and consumption layers. Quality dashboards, exception workflows, SLA reporting, and master data alignment.

POPIA & Regulatory Alignment

Impact assessments, Privacy Impact Assessments, DSAR workflows, breach response protocols, consent management, and third-party processor compliance reviews.

Continuous Governance Improvement

Every review cycle generates a prioritised governance and quality improvement backlog. The compliance posture improves month on month, automatically.

04

DataIQ360

Intelligence Layer

"Intelligence Delivered. Decisions Empowered."

Why you need this

- Your executives are making decisions on reports they do not fully trust. The gap between having data and trusting data is where strategy fails, investments are misjudged, and accountability breaks down.
- When two reports show different numbers for the same metric, trust collapses. When dashboards take too long to load, executives abandon them. Both are symptoms of an ungoverned analytics estate.
- Self-service analytics without governance creates shadow analytics — different teams, different definitions, different numbers. There is no single version of truth, and leadership knows it.
- AI-powered analytics is rapidly becoming the baseline expectation in competitive industries. Organisations that cannot deliver intelligent, governed, real-time insight will lose ground to those that can.

DataIQ360.

What we deliver

Reporting & Dashboarding

End-to-end BI design, development, and deployment. Standardised report templates, KPI frameworks, drill-through architectures, and AI-assisted natural language querying.

Analytics Modernisation

Legacy BI platform assessments, structured migration programmes, report rationalisation, semantic model rebuilds, and user adoption and change management.

Audience-Aware Delivery

Dynamic, role-based data filtering, column- and table-level security, sensitivity label enforcement, and POPIA-compliant report design with full audit trails.

Data Science & AI

Predictive models, prescriptive analytics, anomaly detection, AI assistant integration, and generative AI capabilities — governed, explainable, and responsibly deployed.

Performance Tuning

Query optimisation, incremental refresh strategies, hybrid architecture design, data model restructuring, and scheduling optimisation — so reports load fast, every time.

Monitoring, Security & Usage

Capacity monitoring, anomalous access detection, permission drift alerts, usage analytics, content lifecycle management, and monthly analytics health scorecards.

The closed loop.

Every iDbase360 product includes a Monitoring, Reporting & Remediation pillar — built in from day one.

1



Detect

Real-time monitoring across platform, pipelines, governance, and analytics — 24/7 visibility before the business feels any impact.

2



Report

Monthly scorecards, executive dashboards, SLA performance reporting, and compliance evidence packs — always audit-ready.

3



Remediate

Incident response, root cause analysis, automated fixes, and escalation protocols — resolution before business disruption.

4



Improve

A prioritised improvement backlog generated per review cycle — the service gets healthier, more compliant, and more valuable every month.

"Clients don't buy and leave. They buy and grow. Every cycle makes the estate healthier, more compliant, and more valuable — automatically."

The portfolio compounds.

You don't need to start with everything. Start where the pain is most acute — the rest follows naturally.

DataForge360

Entry point

Platform is unstable, insecure, or non-compliant. The risk is live and escalating.



A healthy platform creates the natural need for governed, engineered data flowing through it → DataFlow360 + DataTrust360

DataFlow360

Entry point

Pipelines are broken, undocumented, or unmonitored. BI teams wait too long for clean data.



Engineered data needs governance and quality — and the business needs to see it → DataTrust360 + DataIQ360

DataTrust360

Entry point

POPIA pressure, audit failures, or data quality complaints from the business.



Governed data needs to be consumed confidently — dashboards, AI, self-service → DataIQ360 + DataForge360

DataIQ360

Entry point

Reports are untrustworthy, slow, or built on ungoverned data. Executives don't trust the numbers.



Analytics is only as good as what feeds it — the pull-through to DataTrust360, DataFlow360, and DataForge360 is natural

Every product creates a natural conversation for the next. Revenue compounds. The relationship deepens. The estate grows.

Why iDbase360?

No vendor delivers all four layers as a single, SA-first, continuously operated managed service.

SA-First by Design



Built for POPIA, King IV, and the South African regulatory environment — not adapted from a global template. Local regulatory knowledge, local accountability, local support.

20+ Years of African Excellence



A trusted enterprise delivery track record across financial services, utilities, public sector, and retail. We have solved SA data problems at scale, repeatedly.

End-to-End — No Integration Tax



Platform to intelligence in one managed service. No fragmented vendors, no finger-pointing, no integration complexity. One partner who owns the outcome across all four layers.

Managed Service — Not a Project



Every engagement includes monitoring, reporting, and remediation from day one. The estate improves continuously. Clients do not buy and leave — they buy and grow.

POPIA Specialist — Not an Afterthought



Regulatory urgency is built into every pillar — from breach response protocols to DSAR workflows to automated data lineage. Compliance is the product, not a feature.

Cloud-Native and AI-Ready



Built on modern, cloud-native architecture designed for AI workloads. Not retrofitted legacy capability — a fresh foundation aligned to where enterprise data is going.

"iDbase360 is the only South African-first, cloud-native, end-to-end data estate managed service of its kind. No global vendor offers this. That is the iDbase360 advantage."

Let's get started.

The iDbase360 managed service is ready to deploy. Here is how we move forward together.

1

Start with an assessment

A low-risk, no-commitment current-state review of your data estate — platform, pipelines, governance, and analytics. Real insight. No assumptions.

2

Confirm your entry point

Engage one product or the full estate. Each layer is independently deployable and expands as your confidence and appetite grows.

3

Move to managed service

Onboarding, configuration, SLAs, and continuous improvement — the service is live within weeks. The estate gets better every month.

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Prepared for | [Client Name] · [Date]

"We are about decision and insight." — iDbase Software