

*From data silos to unified intelligence — enabling smarter governance, compliance, and citizen services.*

### CLIENTS



### CORE CAPABILITIES

<b>Regulatory Intelligence</b>	Real-time monitoring of licensed operators — telecom, energy, MDAs, financial services — with automated compliance scoring, breach detection, and audit trail generation
<b>Revenue &amp; Tax Analytics</b>	Cross-agency revenue reconciliation, tax gap analysis, customs duty monitoring, and anomaly detection to identify under-reporting and leakage
<b>Fraud &amp; Abuse Detection</b>	Detect benefit fraud, procurement irregularities, identity fraud, and grant misuse using supervised ML models trained on government transaction patterns
<b>Operational BI Dashboards</b>	Configurable KPI dashboards for ministry performance, public service delivery metrics, budget utilisation, and citizen service response times
<b>ETL &amp; Data Integration</b>	Ingest data from legacy government systems, ERP platforms, citizen registries, and third-party feeds into a sovereign, on-premise data lake
<b>AI Colleague for Officers</b>	Conversational AI assistant enabling policy officers, auditors, and analysts to query government data in plain English without technical skills

### SOLUTIONING

<b>Data Lake House</b>	Design and deploy a sovereign Government Data Lake House — unified storage and query layer for structured, semi-structured, and unstructured data across ministries
<b>Integrated ML Studio</b>	End-to-end machine learning model building, training, SHAP explainability, and deployment for predictive analysis across government datasets
<b>Sovereign AI</b>	On-premise LLM deployment and AI Colleague — all AI processing within government infrastructure, zero data leaves the sovereign boundary
<b>Digitisation of Records</b>	Automated ingestion, classification, and indexing of physical and legacy records — making government archives searchable and analytics-ready
<b>Online Government Services</b>	Enable delivery of government services online with real-time data processing, citizen-facing APIs, and integrated service monitoring dashboards
<b>Full Suite of Analytics</b>	Comprehensive analytics capability covering descriptive, diagnostic, predictive, and prescriptive analytics across all government data domains

*From data silos to unified intelligence — enabling smarter governance, compliance, and citizen services.*

<b>BI &amp; Real-Time Dashboards</b>	Interactive dashboards for real-time and near real-time information — configurable KPIs, GIS mapping, drill-down, and automated scheduled reporting
<b>Ministry-Specific Reporting</b>	Department and ministry-specific monitoring, reporting, and dashboards — tailored to each agency's KPIs, regulatory obligations, and operational metrics

## AI & MACHINE LEARNING HIGHLIGHTS

<p><b>Regulatory Compliance AI</b></p> <p>Automated scoring of operator compliance reports against regulatory thresholds — alerts, exception reports, and enforcement case drafting</p>	<p><b>Agentic Investigation</b></p> <p>Multi-step AI agents that gather evidence, cross-reference registries, and prepare investigation briefings for regulatory and audit teams</p>	<p><b>ML Studio</b></p> <p>Fraud, risk, and performance models with SHAP explainability and champion-challenger testing for government data scientists</p>	<p><b>AutoML Forecasting</b></p> <p>Automated forecasting of revenue collections, service demand, and policy impact — enabling data-driven budget planning</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

## DEPLOYMENT, INTEGRATIONS & ARCHITECTURE

<p><b>SOVEREIGN DEPLOYMENT</b></p> <ul style="list-style-type: none"> <li>On-Premise — 100% data sovereignty</li> <li>Government cloud (GovCloud) compatible</li> <li>Containerised via Docker + Kubernetes</li> <li>Zero-downtime rolling updates</li> </ul>	<p><b>UNIVERSAL INTEGRATIONS</b></p> <ul style="list-style-type: none"> <li>REST &amp; SOAP APIs (OAuth2-secured)</li> <li>Relational databases and legacy systems</li> <li>File-based ingestion (CSV, JSON, XML)</li> <li>Real-time event streams (Apache Kafka)</li> <li>Enterprise IAM via Keycloak (SSO / OIDC)</li> </ul>	<p><b>MULTI-AGENCY ARCHITECTURE</b></p> <ul style="list-style-type: none"> <li>Agency-isolated configuration namespaces</li> <li>Independent pipelines, dashboards, and RBAC</li> <li>Onboard new agencies with no code changes</li> <li>Centralised governance and audit</li> <li>Role-based access for ministers, auditors, analysts</li> <li>National language localisation support</li> </ul>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------