

FROM INTENT. TO IMPACT.

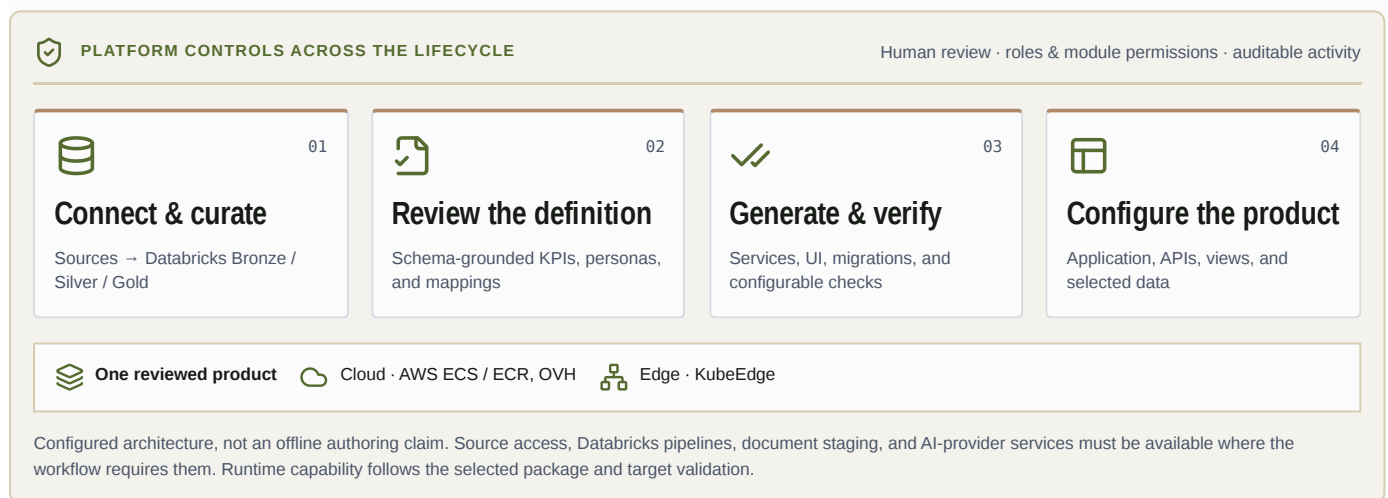
Turn enterprise data into mission capability.

EdgeSightAI is a mission-focused data product engineering platform by TechSur. Accelerate governed operational applications for readiness, maintenance, and logistics through AI-assisted engineering, human review, and a choice of cloud or edge.

From enterprise data to the point of decision.

Connect data engineering, reviewed product definitions, application generation, governance, and delivery in one reusable lifecycle. Deliver inspectable application outputs with the context needed to evaluate them.

A connected engineering architecture



Source support: match the processing to the source

Structured	PostgreSQL, MySQL, and SQL Server connections; CSV, TSV, Parquet, and Excel ingestion. MySQL and SQL Server orchestration requires configured external jobs.
Semi-structured	JSON files with multiline JSON reading through configured Databricks processing.
Unstructured	PDFs and supported images through Databricks AI parsing/extraction. Document staging, supported AI capabilities, and a configured pipeline are required.

Amazon S3 is a source connection; configured processing determines usable formats. Availability varies by deployment. Document extraction is not automatic for every uploaded file.

Inspectable engineering: generated Spring Boot backend, React / TypeScript frontend, database migrations, and delivery artifacts. Compile and Docker checks are configurable; partial and failed outcomes require review.

AI accelerates. Your team stays in command.

Review and edit schema-grounded KPIs, personas, dashboards, and source mappings. Examine provenance where available. Platform roles, module permissions, auditable activity, and CSV export support accountable engineering. Download and inspect generated code; review verification results. Synchronization protects user edits and reports audit counts.

These are platform controls. Generated-product permissions, security boundaries, and operating policies are configured and validated in the pilot; universal lineage or policy enforcement is not assumed.

Cloud or edge: define the operating scope

Cloud • AWS ECS / ECR, OVH

Connected access to the configured application, APIs, data views, and dashboards.

Edge • KubeEdge

Selected interfaces, services, APIs, queries, dashboards, and local records when packaged and validated.

Fresh enterprise/Databricks loads, cloud AI, and new cloud deployments or updates require connectivity. Local AI depends on configured models and device resources. Test documented network conditions on intended hardware; automatic sync-back is not assumed.

Evidence and maturity

Actual review components are recorded with synthetic demonstration data in a local UI harness. No API responses were mocked; backend processing was not executed. Source inspection supports implemented workflow paths. The presentation reports a laboratory AWS-simulated KubeEdge proof-of-concept with selected packaged functions available after the enterprise link was removed. This is lab-stage evidence, not field validation or production authorization.

The component walkthrough does not demonstrate AI generation, deployment, or offline execution. Aircraft Lifecycle Intelligence is an illustrative generated-product concept with sample data and labeled partial/proposed features. End-to-end processing and target-environment continuity are validated in the pilot.

Mission-pilot deliverables

01. **Mission scope** Decision, representative sources, source inventory/mappings, baseline, and acceptance criteria.
02. **Reviewed definition** Customer-reviewed product specification, personas, KPIs, views, and access needs.
03. **Inspectable application** Generated services, APIs, UI, migrations, and configurable verification/repair results.
04. **Target validation** Configured cloud or edge package and a test record against the selected environment and criteria.
05. **Measured findings** Decision-support, quality, delivery-effort, and reuse findings with next-step recommendations.

Agree measures such as time to answer, reconciled records/KPI quality, SME-reviewed prioritization, and reuse. Include local-service availability under documented network conditions only when edge continuity is in scope. No achieved performance numbers are implied.

Scope a Mission Pilot

Contact TechSur directly ↗ [✉ contact@techsur.solutions](mailto:contact@techsur.solutions)

Use business contact details and unclassified, non-sensitive use-case information.

Pilot inquiry privacy notice: preview.edgesightai.com/privacy

Interface walkthrough: preview.edgesightai.com/#in-action