



ACCURAX

ENGINEERING

Turn your technical information into an operational advantage

Digital engineering for auditable decisions

At Accurax, we develop digital solutions to organize, trace, and leverage technical information in high-criticality industrial processes.



Physical process
→ reliable data



Technical evidence
→ traceability



ISO, API, NTC
→ defensible decision

1 The Accurax DNA

At Accurax, we develop technical digitization solutions for industrial environments where operations depend on reliable, traceable, and actionable information. We integrate documents, asset data, technical criteria, compliance rules, and applied analytics to turn scattered information into practical management tools.



Critical-sector ready

Oil, gas, critical energy, and regulated operations.



Standards as architecture

ISO, API, ASTM, AGA, and NTC integrated as decision criteria.



Decisions with accurate ROI

Techno-economic models to support investment and optimization.

2 We solve real industry pain points



Fragmented and unauditable data

Critical information scattered across certificates, reports, manuals, and PDF repositories.

Solution: ACCURAX METRIVault



Critical energy OPEX

Energy decisions without technical models to identify the most profitable option among NG, LPG, diesel, or renewables.

Solution: ACCURAX ENERSIM



Metrology gap

Reactive instrument management without digital systems supporting ISO 10012.

Solution: ACCURAX GESTMET



Free initial technical assessment

We assess gaps in metrology, energy, digital traceability, and technical compliance.



ACCURAX ENGINEERING

Digital engineering solutions

Platforms designed to turn complex technical information into practical management, traceability, and decision-making tools.



Intelligent document management

Organizes, processes, and controls technical information contained in industrial PDF files and document repositories. Enables semantic search, document traceability, and rapid access to technical evidence for audits and operations.

ACCURAX METRIVault



Energy simulation with defensible ROI

Models and compares energy alternatives such as NG, LPG, diesel, biogas, solar, and hybrid systems. Supports migration decisions using technical criteria, CAPEX, OPEX, and return on investment.

ACCURAX ENERSIM



Metrological maintenance and control

Implements digital systems for technical inventory, metrological confirmation, certificate traceability, maintenance tracking, and compliance control under ISO standards.

ACCURAX GESTMET



Standardized calculations for gases and liquids

Performs property, conversion, and uncertainty calculations as a Web App or consumable library for other systems, ensuring consistency, traceability, and reproducibility.

ACCURAX CALCUPROP

3 Experience behind the solution



Measurement engineering and metrology (23 years)

Custody transfer, flow measurement, network balancing, loss analysis, ISO 10012 and ISO/IEC 17025.



Industrial software and platforms (10 years)

Web architecture and development, APIs, data integration, security, roles, and deployment for critical operations.



AI applied to technical evidence (10 years)

OCR, document extraction and normalization, semantic search, workflow automation, and uncertainty models.

4 Cognitive autonomy roadmap



2026 — Technical hardening and digitization

Consolidation of traceability, metrology, and energy simulation ecosystems.



2027 — Predictive intelligence

Predictive models for instrument drift, maintenance, and operational optimization.



2028+ — Autonomous ecosystems

Digital twins and autonomous optimization for energy and critical operations scenarios.



Let's discuss your critical operation

Free initial technical assessment to identify gaps in metrology, energy, and digital traceability.

[Request a meeting](#) →