

HOW AUTOMATOR WORKS

Automator uses **agentic AI and machine learning to transform Material Test Report (MTR) management.** It automatically reads certificates from your existing sources, validates every value against the correct standards, and creates a complete audit trail. The result? A structured dataset that reveals supplier performance trends and predicts potential quality issues before they impact production.

Capability Highlights

Flexible Ingestion

- PDFs, scans/photos, and system exports; agentic AI normalizes formats.

Exception-First Workflow

- Review only what fails, with side-by-side context.

Compliance & Auditability

- Time-stamped checks; searchable records for audits and supplier reviews.

Automated Validation

- Auto-applies correct standards/tolerances; clear pass/fail + discrepancy detail.

Reporting & Insights

- Supplier performance across sites with drill-downs.

Predictive Analytics

- ML highlights patterns that precede non-conformances for proactive intervention.

System Architecture

Supplier MTRs (PDF / scan / photo / export)

→ **Input Module** (email inbox ingestion · photo capture of paper · direct pull from internal systems)

→ **AI Extraction & Data Transformation** (agentic AI parses layouts; converts unstructured PDFs into structured fields)

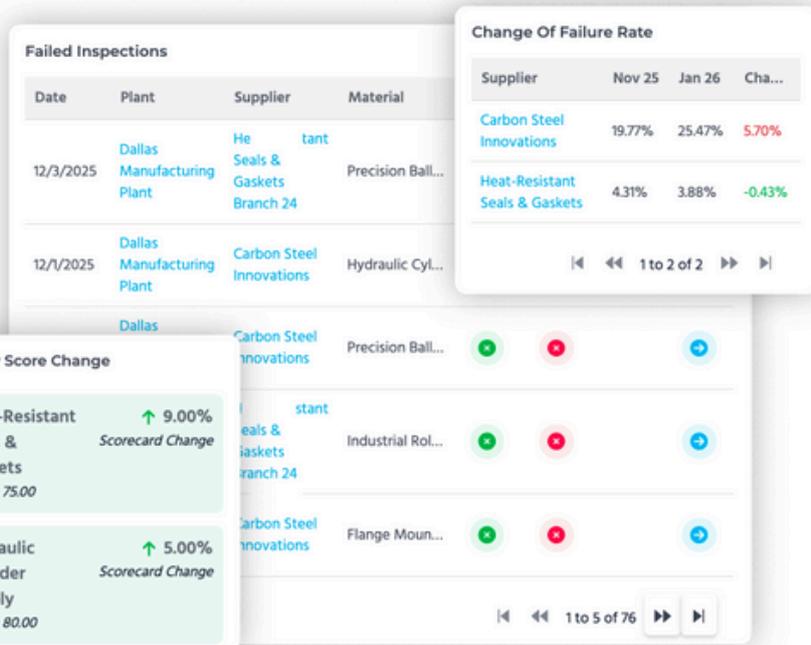
→ **Standards & Validation Engine** (auto-identifies applicable standards; compares chemical & mechanical values; pass/fail + discrepancies)

→ **Results & Alerts Dashboard** (exception-first views; failed inspections with context; supplier performance tracking)

→ **Data & Analytics Layer** (searchable records; supplier performance trends; predictive risk signals)

→ **Integrations** (Integrate QMS · ERP · email · supplier portals · custom tools)

→ **Infrastructure** (Kinotech Cloud via AWS · Private Cloud supported · Azure OpenAI)



Outcomes At a Glance

- **Up to 98% reduction** in manual effort for MTR processing
- **99%+ accuracy** in extraction and automated standards comparison
- Faster throughput, real-time performance tracking, and a complete audit trail by default

Have architecture or integration questions?

Contact a solutions engineer for a detailed walkthrough and integration discussion.

🌐 kinotechcloud.com/automator

✉ sales@kinotechcloud.com

☎ +1 (844) 546-3832