

Agentic Document Processing for Trade Finance

Built on NewgenONE: A Low-code Platform for Faster, Smarter Trade Compliance

NewgenONE AURA (Automated Understanding & Rule-based Analysis) AI for Global Trade Workflows

NewgenONE AURA (Automated Understanding & Rule-based Analysis) AI enables banks to streamline trade finance by automating document validation based on layout, content, and object-based type. It leverages AI and ML to ensure **UCP-600 compliance** and **detect fraud** across high-volume transactions.

From Letters of Credit (LC) to shipping documents, our AI agents extract, validate, and reconcile data in real-time, delivering audit-ready, intelligence-led operations that allow businesses to process higher volumes of structured, semi-structured and unstructured documents and gain hidden insights.



End-to-End Trade Document Validation: From Submission to Clearance



AI-driven Classification & Extraction

Automatically classify and extract key data fields across invoices, bills of lading, LCs, and certificates.



Cross-document Discrepancy Detection

Compare data across related documents and flag mismatches, missing fields, or tampered content.



UCP-600 & LC Compliance Checks

Validate documentation against international standards and custom rules for regulatory accuracy.



Fraud & Risk Flagging

Leverage AI to detect manipulation, duplication, or suspicious patterns across documents.



Real-time Integrations

Connect with SWIFT, core banking, and ICC databases to streamline processing with trusted data sources.



Automated Workflow Integrations

Push validated data into trade workflows to streamline routing, exception handling, and approvals, driving faster turnaround and maximizing STP.

What Changes with NewgenONE AURA AI for Trade Finance?

Where Traditional Systems Fall Short	How NewgenONE AURA AI Transforms Trade Finance
Manual classification and routing	AI-powered document classification at intake
Repetitive UCP-600 checks	Automated, audit-ready validation engine
Missed inconsistencies across documents	Cross-document discrepancy detection
Delayed fraud recognition	AI-driven anomaly and tampering alerts
Heavy reliance on human validation	Autonomous agent review with contextual alerts
Siloed systems and disconnected data	Unified trade ecosystem with API-first design

Business Value Delivered

- 70%+ faster document processing
- 80-90% reduction in manual errors
- 100% auditability and transparency
- Fewer fraudulent transactions
- Greater accuracy across document journeys

Why NewgenONE AURA AI for Trade Finance?

- Compliant with dynamic international trade regulations
- Scalable for high-volume processing and global rollouts
- Rule engine supporting 100+ UCP/ISBP rules
- Plug-and-play API architecture for system integration
- Multi-format support for PDF, scanned images, system-generated files
- Future-ready with an AI/LLM roadmap for contextual checks

NewgenONE AURA AI Agent

Document Classification Agent

Identify the type of trade finance document and leverage Optical Character Recognition and deep learning models to categorize incoming PDFs based on predefined classes

Field Extraction Agent

Extract critical fields, such as beneficiary details, payment terms, shipment details, and document dates through NLP and Computer Vision (CV)- based deep learning models and rule-based extraction techniques

Global Compliance Agent

Cross-check extracted data against UCP-600 guidelines to validate compliance and detect potential document discrepancies

Consistency Validation Agent

Match extracted details against the LC terms, verify consistency in shipment terms, payment conditions, and involved parties, and highlight missing or incorrect data for review

Automated Discrepancy Detection Agent

Cross-validate information across multiple documents (e.g., invoice vs. bill of lading vs. LC) and identify product descriptions, amounts, dates and other data inconsistencies

Ready to reduce errors, accelerate LC processing, and enhance compliance?
Explore how NewgenONE AURA AI Agent transforms trade documentation, from risk to reassurance.

Newgen recognized as a 'Leader' in The Forrester Wave™: Content Platforms, Q1 2025

About Newgen

Newgen is the leading provider of an AI-first unified digital transformation platform with native process automation, content services, customer engagement, and AI/ML capabilities. Globally, successful enterprises rely on Newgen's industry-recognized low code application platform to develop and deploy complex, content-driven, and customer-engaging business applications on the cloud. From onboarding to service requests, lending to underwriting, and for many more use cases across industries, Newgen unlocks simple with speed and agility.