



# Scaling Financial Insight at the Speed of Risk

Eliminate the friction of manual taxonomy mapping and transform fragmented financial data into instant, audit-ready intelligence.

## The Hero:

A **global provider** of financial risk intelligence processing thousands of financial statements across **100+ countries**. Their operations demand the precise interpretation of diverse accounting frameworks, including IFRS, US GAAP, local GAAP, and numerous country-specific standards.

## The Challenge

The organization was trapped in a labor-intensive cycle where deep financial expertise was being squandered on repetitive data entry. With no automated "connective tissue" between document receipt and risk signaling, the program faced critical operational "enemies":

- **Prohibitive Manual Effort:** Analysts were forced to manually read every statement and match line items to complex taxonomy codes—a process that couldn't scale.
- **Inconsistency and Error Propagation:** Frequent disagreements on ambiguous line items led to downstream model errors and a lack of data integrity.
- **The "Audit Blind Spot":** No system captured historical mapping versions, making it impossible to identify what changed between document versions or why.
- **Linguistic and Structural Barriers:** Financial statements in foreign languages and unstructured formats required manual translation and hours of "human-in-the-loop" processing.
- **Operational Gridlock:** Multi-day delays in processing undermined the timeliness of risk signals, creating a significant bottleneck for institutional clients.

## The Solution

Lateetud designed and delivered a fully automated Intelligent Document Processing (IDP) pipeline that functions as a high-performance engine for financial data. The solution addresses the entire workflow—from raw document ingestion and complex taxonomy mapping to change detection and ticketing—without requiring human intervention for standard documents.

- **Autonomous Taxonomy Resolution:** An AI-driven engine that understands hierarchical and context-sensitive line items based on their accounting framework.
- **Surround vs. Replace Strategy:** The pipeline integrates directly with existing CRM and financial systems, providing synchronous results within the same transaction.
- **Automated Change Detection & Ticketing:** A built-in "diffing" engine identifies changes between document versions and automatically triggers structured tickets for operations.
- **Production-Grade Scalability:** Built to scale horizontally with Elastic Pools, the system absorbs volume spikes during earnings seasons without degrading performance.

## Operational & Strategic Outcomes:

<b>-80%</b> In processing time and manual latency replaced by automated workflows	<b>60–80%</b> Fewer hours, staff redirected from recon to high-value analysis	<b>50–75% Drop</b> In error rates, automated "diffs" catch inconsistencies before they propagate	<b>Days to Minutes</b> Ticket triage, automated detection flows directly into the ops pipeline.
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## The Human Benefit

Beyond the numbers, the solution protects the staff's most important asset: their time.

<b>Professional Empowerment and Well-being</b>	By automating taxonomy lookups, the solution protects the staff's time—allowing them to focus on high-value financial oversight rather than manual data entry.
<b>Elevated Operational Experience</b>	The system transforms a lengthy triage process into a structured, automated workflow, significantly reducing cognitive load and the stress of manual reconciliation.
<b>Safety, Trust, and Reliability</b>	A consistent audit trail ensures staff can answer "what changed" in seconds, providing the transparency needed for regulatory reviews and preserving institutional trust.

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