

Data everywhere. Reconciliations reimagined.

Where AI delivers connected,
intelligent and future ready control.



Regain control where complexity meets accountability

In today's financial operations, reconciliation sits at the fault line between data growth, regulatory scrutiny, and operational risk. Volumes are rising, settlement timelines are compressing, and data is arriving in more formats, across more systems than ever before. Yet many institutions still rely on fragmented tools and manual processes to explain what doesn't match and why.

This creates a widening gap between the data organisations receive and the confidence they need to act on it.

AIR brings clarity to the chaos

The intelligent reconciliation and control platform, purpose-built for the realities of modern financial operations.

AIR unifies fragmented data, reconciles at scale, and explains breaks with transparency—enabling faster understanding, confident action, and stronger control without added operational burden. It supports a controlled shift from manual oversight to intelligent automation, without compromising governance, auditability, or trust. This creates a widening gap between the data organisations receive and the confidence they need to act on it.

Built for institutions that cannot afford uncertainty

AIR combines explainable controls, auditable processes, and embedded intelligence to reduce manual effort, prevent risk, and deliver confidence across complex financial operations.

A modern control foundation that:

- ✓ Restores trust in data
- ✓ Strengthens operational resilience
- ✓ Scales with volume and change
- ✓ Turns reconciliation from a bottleneck into a source of confidence

AIR restores control where it matters most.

Where institutions lose time, control, and confidence

The operational pain points facing financial institutions today are not isolated. They are systemic, interconnected, and reinforced by legacy constraints.

They manifest in 4 critical areas

01 Fragmented data and broken systemic connectivity

Data arrives in inconsistent formats: spreadsheets, PDFs, broker and custodian files, while systems fail to connect reliably. This fragmentation creates manual touchpoints, rework, and fragile reconciliation processes, significantly increasing operational breaks and risk.

02 Manual workflows that cannot scale


Growing volumes overwhelm manual matching, keying, and triage. Although automation can reduce reconciliation time by up to 70%, many institutions still rely on spreadsheets and human knowledge, creating bottlenecks and operational fragility.

03 Limited visibility and regulatory exposure

Traditional reconciliation shows what is unmatched, not why. Limited insight into exposures and root causes prevents proactive risk management, while fragmented evidence trails fail audit expectations, increasing regulatory and control vulnerabilities.

04 Operational risk and financial leakage

Breaks introduce direct financial risk. Failed trades cost institutions billions, and mismatches between internal and external records create losses and discrepancies. Manual processes amplify these risks and slow response times.

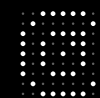
 is an AI enabled, cloud native platform that restores control to reconciliation and exception heavy operations.

Designed for post trade world of today:
it gives operations, finance, and risk teams the consistency, transparency, and confidence they need. Institutions can modernise step by step, expanding AI driven control as returns build and trust grows.

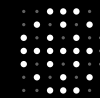
It brings intelligence and structure where it's most needed.

AIR operates within Smartstream's Smart Reconciliations platform

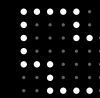
unifying reconciliation and exception workflows across cash, payments, securities, digital assets, and ledgers. It delivers the AI driven data foundation to:



Connect and consolidate sources



Standardise multi format inputs

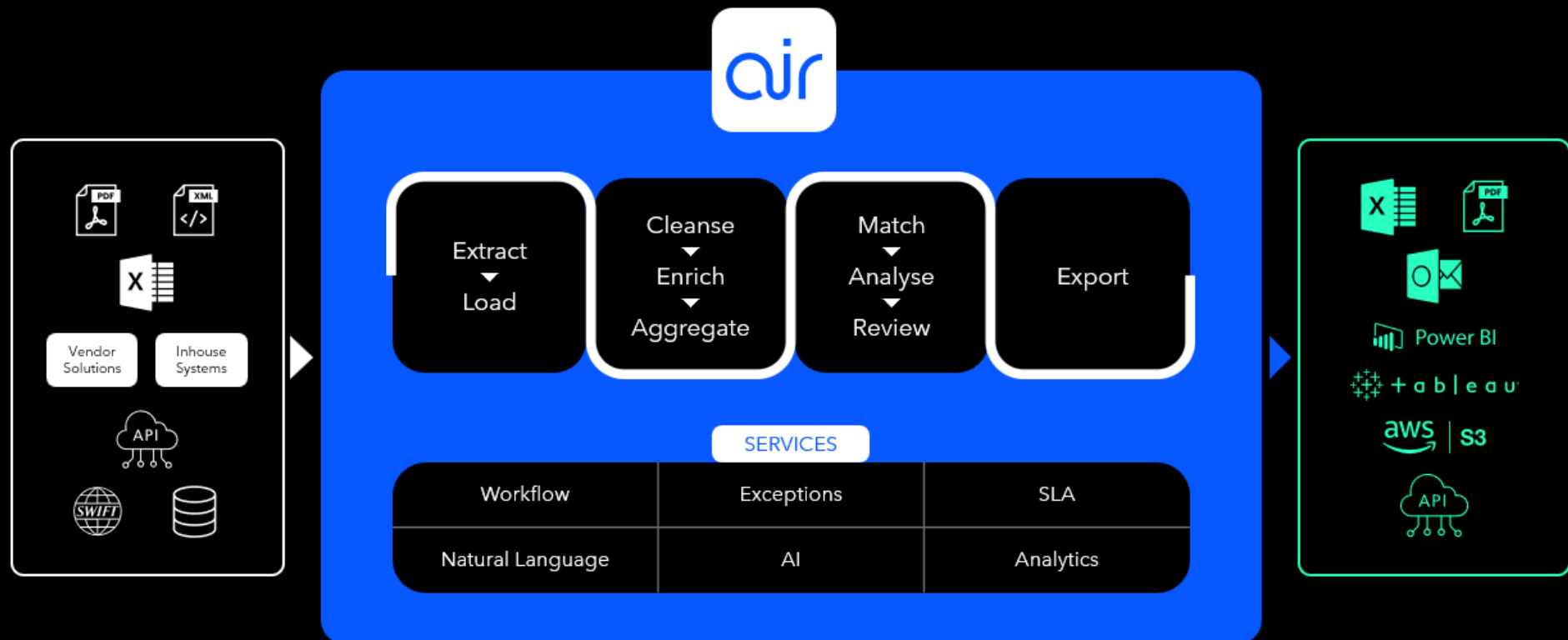


Improve match readiness

so reconciliations run on trusted, timely, explainable data, for faster, scalable control.

Resilient and adaptive control designed to stay steady through data spikes and ongoing regulatory change, without disrupting day to day operations.

With reconciliation failures increasingly linked to fragmented, multi-party data flows, this level of stability has become a strategic necessity.



The AI promise

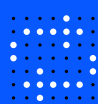
Intelligence in every workflow

AIR brings embedded AI to every stage of data management, making operations proactive, explainable, and continuously improving.

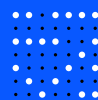
With transparent, autonomous decisioning, institutions evolve from manual oversight to intelligent, data driven control at enterprise scale.

This is **AI without risk**, governed, explainable, and designed specifically for financial grade trust and confidence.

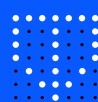
Customer Benefits



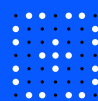
Automated insights without manual analysis



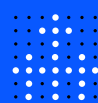
Higher accuracy across all workflows



Proactive risk detection + anomaly identification

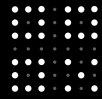


Continuous optimisation through learning



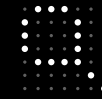
Lower effort, higher performance across operations

Core capabilities



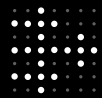
Cleanse and enrich

Harmonises identifiers, normalises formats, and applies deterministic validations so data enters matching in a consistent, high quality state, supporting shorter settlement cycles and rising transparency requirements.



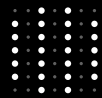
Governed exceptions

Routes breaks through structured workflows with maker checker approvals, SLA tracking, and full evidence capture, aligning with Tier 1 governance and auditability expectations.



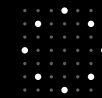
Connect and ingest

Connects to files, statements, APIs, message queues, and data lakes across internal and external systems. Standardises structured and unstructured inputs to reduce fragmentation and improve data readiness.



Intelligent matching

Combines rules based logic with adaptive patterning to maximise automated matches across simple and complex scenarios, reducing rework and improving accuracy as complexity grows.



Analytics and control

Offers dashboards exposing coverage, root causes, volumes, and behavioural trends. Enables real time oversight, faster issue resolution, and tighter control across the post trade lifecycle.

Built for control

Proven for scale

Reconciliations are no longer a niche back office problem, they are a central pillar of operational resilience and regulatory assurance.

Modern operating fit (T+1 and beyond)

Air's controls, lineage, and timely analytics help institutions operate with confidence as global markets compress settlement cycles and push for end to end transparency (e.g., T+1 initiatives and standardised identifiers for post trade traceability).

Elasticity without upheaval

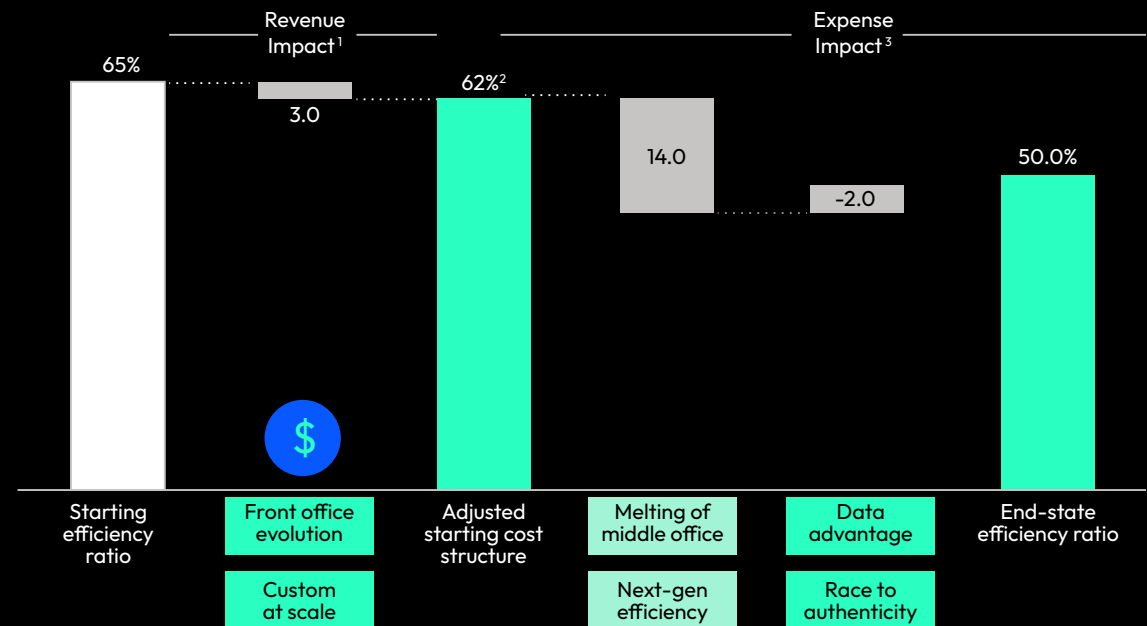
The platform scales with volume and complexity, from manual, fragmented processes to cloud ready, automated models.

Outcome driven design

Air is engineered to reduce manual effort, lift match rates, and shorten cycle times, outcomes consistently cited as achievable when firms move from spreadsheet driven reconciliation to automated, exception based workflow.

As product complexity and data fragmentation increase, institutions need a platform recognised for technology depth and breadth, built for the current market structure.

AI transformation can improve banking's entire value chain
 Net revenue efficiency ratio impact for diversified banks that fully execute AI transformation



Source: PwC Strategy & analysis, improvement calculated on steady-state, pre-provision basis

1. Assumes organic growth with no major business model changes
2. Figures rounded to nearest tenth of a percent
3. Does not include synergies from deals, which could drive further upside

(Source: How AI is reshaping the banking industry: PwC)

Transformational use cases

Financial Institutions must strengthen the “plumbing”: controls, workflow reliability, accuracy, and auditability. This puts reconciliation, exception handling, and data quality at the centre of competitiveness.

01 Enterprise data reconciliation

Modern enterprises operate across sprawling platforms, files, feeds, and formats. Air unifies this environment by ingesting, normalising, matching, and validating data across any internal or external source, regardless of volume or structure.

It delivers a single reconciled “golden view” of data that operational, finance, risk, and compliance teams can trust — eliminating inconsistencies, reducing rework, and improving downstream accuracy.

02 Multi format + multi source data integrity

Global institutions manage data arriving from spreadsheets, legacy systems, APIs, databases, PDFs, and external partners. Air’s fully agnostic engine supports universal data matching across CSV, Excel, JSON, XML, PDFs, APIs and more, ensuring a unified and trusted data landscape at scale.

03 Automated Break Detection and Exception Governance

AIR applies intelligent matching logic — exact, fuzzy, many to many, and multi format — to immediately identify breaks, gaps, or anomalies. It then initiates automated exception workflows with complete evidence capture, lineage, and governed maker/checker approvals.

This reduces operational risk and accelerates remediation cycles.

04 Regulatory grade lineage, auditability and reporting

As regulatory scrutiny intensifies, institutions must demonstrate accuracy, completeness, and governance across all datasets. Air enables this with end to end lineage, version control, transparent evidence trails, and real time dashboards covering exposure, exception ageing, and completeness.

These value drivers show what organisations achieve when they modernise reconciliation and exception heavy workflows with an intelligent data automation platform.

Air's modular design, open APIs, and cloud-native architecture give institutions a scalable platform that grows with the business, accommodating new reconciliations, data flows, product expansions, and regulatory changes without costly rewrites or migrations.

Significant efficiency gains (Time returned)

Reconciliation consumes 30–40% of back office effort. Automation can **cut processing time by up to**

70% shifting teams from break fix tasks to prevention, risk management, and client impacting work.

Up to **90%** reduction
in manual touchpoints

Modern platforms **automate up to**

70% of matches, even in complex scenarios. Standardised data and AI patterning reduce spreadsheet dependency and eliminate human driven fragility.

Lower Cost to Serve at Cloud Scale

Manual reconciliation costs the industry ~\$50B annually. Cloud native automation **reduces operational costs by**

20–30%

and improves accuracy while enabling scalable operations.

Improved data quality and reliability

Breaks often stem from inconsistent data. Normalisation and enrichment improve accuracy and reduce risk. Rising regulatory scrutiny makes lineage, explainability, and reliable controls essential.

Faster close cycles and stronger SLA performance

Automation accelerates cycle times, supports compressed settlement windows, and strengthens SLA performance. Real time dashboards improve visibility and reduce ageing.

A more resilient control environment

Post crisis regulation elevates reconciliation as a core risk management function. Full lineage, governance, audit trails, and evidence capture strengthen operational and regulatory control.



Experience, trust, and technology built for mission-critical operations

Smartstream has spent decades shaping and modernising the operational backbone of financial institutions worldwide. With a reputation built on reliability, innovation, and deep domain expertise, the organisation has established itself as a leader in reconciliation, transaction management, and data integrity.

When data everywhere.
Air restores control where it matters most.



Begin with your highest value reconciliation and take control of your data today.

Contact

smart.stream/connect



About Smartstream

For more information visit:
smart.stream

Smartstream unlocks trusted, intelligent data insights – clearly, consistently, and without compromise.

Empowering leading global financial institutions and enterprises with innovative solutions that deliver accurate, timely data insights to streamline operations, reduce costs, and meet regulatory demands with confidence.

By harnessing data at the core of customer operations, Smartstream drives smarter, faster outcomes across reconciliations, liquidity, collateral, corporate actions, fees, and reference data solutions.