



ENTERPRISE RECONCILIATION

**for high volume environments in
an exclusive ReconArt edition**

Unlock enterprise-grade reconciliation and financial control with ReconArt's premium solution edition—engineered for ultrahigh transactional volumes, rigid compliance requirements, and complex operational needs. Designed for large organizations demanding enterprise support for their elaborate reconciliation project, ReconArt Enterprise Edition sets a new standard in best-practice reconciliation. Where speed, scale, and modern architecture are critical, ReconArt is the preferred partner.

Reconciliation solution for high-end customer segments

The ReconArt Enterprise edition has been designed specifically for

ReconArt Enterprise edition addresses advanced requirements and specific challenges

Typical industries with enterprise reconciliation needs

- ✦ Fortune 1000 companies, top tier banks, global conglomerates, and government agencies
- ✦ Organizations with multi-regional operations, large-scale data, or custom compliance demands
- ✦ Enterprises with integrated legacy systems, proprietary workflows, or non-standard processes
- ✦ Businesses requiring high levels of customization, dedicated support, and stringent SLAs

- ✦ Intensive daily matching of transaction volumes measured in millions and billions per year
- ✦ Complex and varied processes for reconciliation
- ✦ Reconciliation needs spanning several departments and functional overlaps
- ✦ Growing user pool and granular control on access privileges

- ✦ banking, investment, and insurance
- ✦ financial services, payments and remittance
- ✦ retail and e-commerce
- ✦ travel, leisure, and hospitality
- ✦ industrial manufacturing

One solution, one license – all tools included

Full suite of automated reconciliation features: a core of superb matching functionality, comprehensive exception management, balance sheet reconciliation and certification across thousands of accounts, task management, journal entry workflows, variance analysis, and sophisticated reporting.

Tailored for flexibility, seamless integration, and high performance.

Advanced data matching and account reconciliation engine

Configure modules, rules, and workflows that reflect your unique operations.

- # Enterprise-wide reconciliations in endless numbers of data matching scenarios – financial, non-financial, system reconciliation.
- # Rule-based matching of multiple datasets and extra-large number of records.
- # AI powered rule generation
- # Supports 1-to-1, 1-to-many, many-to-many, 3-way, and multi-step matching.
- # Scheduling of consecutive operations and stacks of interdependent tasks.
- # Built-in ETL features for massive data imports under full internal control. No need for additional tools or consultant hours. Ability to validate incoming data for duplications or inconsistencies
- # Scheduled data delivery process driven by import templates requiring one-time configuration effort. User-friendly drag and drop controls on the mapping tools.
- # Parallel imports/matching for faster results. ReconArt can process multiple files in parallel if they are imported within the same task, or run several import tasks in parallel.
- # Integration layer for data flow in the enterprise landscape

ReconArt AI Assistant

- ⌘ Powered by OpenAI, operated via natural language prompts
- ⌘ Now available for Import/Export and Rules templates
- ⌘ Generate and refine complex expressions
- ⌘ Explicate existing expressions
- ⌘ Test and validate logic to prevent errors
- ⌘ Analyze and improve rule performance using a trained expert model

Fuzzy matching

Fuzzy matching algorithms extend the rule-based matching functionality of ReconArt to tackle issues with poor data

- ⌘ Suitable for dealing with imperfect or inconsistent data where variations in spelling, formatting, typos, or even missing pieces of data would prevent a legitimate match.
- ⌘ A counterbalance for rigid match rule where the logic is impervious but false negatives inflate the exception pool artificially.
- ⌘ How it works in a nutshell: comparing strings of characters and determining their similarity based on predetermined threshold.
- ⌘ Techniques and algorithm used: measuring the number of single character edits, phonetic matching, identical beginnings, and percentage of overlap.
- ⌘ Flexible to facilitate different formatting conventions that often create conflicts upon merging data from different sources.
- ⌘ Fuzzy logic works for narrative strings, as well as for minor numeric discrepancies like rounding differences, time stamps, or coding practices.
- ⌘ Sensitive to subtle data patterns identified only by humans.
- ⌘ Operates within ReconArt under Suggest Match mode, which requires user acceptance.
- ⌘ Confidence levels are configurable – adjust matching sensitivity to your error tolerance.
- ⌘ Reduces the time for human analysis dramatically and the associated manual labor costs.
- ⌘ Achieves 85-95% matching rates compared to only 40-60% with exact matching in data sets with flaws.
- ⌘ Advanced capability that learns from confirmed matches and improves accuracy over time.

API integration and data onboarding

- # Full interoperability with in-house platforms and third-party tools.
- # Standard API integration as part of the license – ERPs like NetSuite and MS Dynamics; core banking platforms like Mambu.
- # Tailored development for enterprise clients.
- # Industry standard file formats supported out of the box: bank-specific file formats (e.g. ACH, FIRD, BAI, SWIFT variations), travel/airline-specific file formats (e.g. BSP).
- # Any machine-readable file format can be parsed within the system through the intelligent document processing engine

Intelligent document processing for PDF documents

ReconArt has developed a proprietary solution combining OCR and AI-powered PDF reading capabilities. The tool would be leveraged for high volume invoice matching where the accurate conversion of data into a machine-readable format causes difficulties and bottlenecks in the payables / receivables reconciliation. Now ReconArt users can extract data from unstructured files in an automated, two-step method with pattern recognition, validation logic, and human review to train the character analysis engine. It is fully integrated within the ReconArt flow so the extracted data is automatically transferred through the integration into ReconArt.

ReconArt Data Factory (RDF): integration and validation hub

Many of our clients work with dozens of third-party data input in their reconciliation routine. Those data feeds are heterogeneous, flowing in from various channels and delivery methods. A large portion of the everyday pre-reconciliation grind is file download and conversion, communication with partners around delivery issues, manual data entry and preparation of the input files. A major source of inefficiencies and delays, therefore a prime candidate for automation.

Recon Data Factory (RDF)

Recon Data Factory (RDF) is an integration layer for data feed management and counterparty collaboration. The idea behind Recon Data Factory is to streamline the integration of numerous data sources with simplified interface and straightforward configuration of new workflows. RDF essentials:

- ✚ Connects to ReconArt reconciliation platform via the public API connector
- ✚ Automates file imports via SFTP, Google Drive, Dropbox, Amazon Storage, and more shared storage services
- ✚ Automates the extraction of results from ReconArt and transfers them to external client secured locations, data lakes, data warehouses or other information systems
- ✚ Serves as a dedicated space for secure file delivery, data integration workflows, and partner collaboration
- ✚ Validates incoming data against common import failure errors that create period-end bottlenecks

Scalable infrastructure support and performance tuning

- ✦ Utilizing Microsoft stack (.NET, MS SQL Server, MS Windows) as base infrastructure for the system – widely spread and easy to install via automation
- ✦ Optimized for on-premise, hybrid, or cloud deployments to accommodate any compliance and security tolerances. Whether you like a peace of mind with total delegation of infrastructure maintenance or prefer full control over your servers and premises, ReconArt can accommodate.
- ✦ Cloud-native SaaS solution with zero footprint on users' workstations. ReconArt lifts the burden for upfront infrastructure investment off the clients' shoulders.
- ✦ Standard hosting as a managed service via Armor Defense with ReconArt managing:
 - Database administration
 - Maintenance
 - System performance monitoring and optimizations
 - Updates of the base infrastructure and ReconArt system

Alternative deployment available:

- Third-party hosting provider of your choice
- In-house hosting on your infrastructure
- ✦ **Hyperscaling for peak performance.** ReconArt empowers enterprise clients to adapt instantly to peak workload demands with agile, cost-efficient scalability. Our finely tuned infrastructure expands capacity on demand—without overprovisioning—ensuring seamless performance, rapid backups and restores, and dynamic scalability across compute and storage.
- ✦ **Smart database partitioning and multithreading.** Leverage database partitioning and multithreading to boost the speed and efficiency of matching and filtering operations. By optimizing resource allocation, ReconArt ensures faster transaction retrieval, minimizes timeouts, and prevents job failures. This architecture delivers performance improvements by several multiples—ideal for high-volume, time-sensitive processing.

Additional test environment. Suitable for more complex deployments, aggressive expansion timelines, dispersed teams requiring concurring access, or intensive optimizations of numerous reconciliation processes.

Hosting on a dedicated server. Dedicated resources ensure consistent high performance without contention with other tenants, which reduces latency, improves response times, and allows tailored configurations. Isolated environments also provide greater control over security configurations and makes it easier to meet industry-specific compliance requirements. Resources can be scaled vertically without the unpredictability of shared environments.

Multi-layered security controls

- ✦ Granular, role-based access
- ✦ Transaction level audit trails
- ✦ Secure Hosting via Armor Defense Tier 4, PCI DSS 3.2 Level 1, and ISO/IEC 27001:2013 compliant data centers
- ✦ Integrated enterprise security (Active Directory, SSO supported) at application level
- ✦ Intelligent Security Model for dedicated servers: A closed-loop system that actively learns and combats threats (applicable for dedicated servers)

High availability, enterprise-grade uptime guarantees and premium technical support

- ✦ Enhanced disaster & recovery response times aligned with the criticality of your objectives
- ✦ Proactive application and database performance monitoring. Full maintenance of:
 - Network uptime
 - Infrastructure uptime
 - Host uptime
 - Application uptime
 - Backups
- ✦ Up to 2 weekly sessions with ReconArt Implementation Specialists and your Admin team to monitor system health
- ✦ Direct chat access to experienced, in-house technical personnel
- ✦ Functional support: quarterly rule usage analysis, identifying slow-performing rules, and configuration recommendations
- ✦ Years of experience in performance tuning of complex environments by the support team
- ✦ Admin training: continuous training for your key personnel
- ✦ Process configuration analysis: Review and scoping of new or custom configurations
- ✦ Transaction archiving performed quarterly or semiannually; retention policies aligned with client objectives
- ✦ Regular product upgrades with two major and several smaller version releases annually; no additional cost incurred
- ✦ Monthly stakeholder updates: reporting on account performance and key developments

Compliance & governance tools

- # Support for SOX, FCA CASS, EMIR, HIPAA, SOC 2, GDPR, DORA, and other custom regulatory needs
- # Custom exports and report development, including data aggregation templates and scheduled output for downstream systems
- # Auditability – system logs, transaction level audit trail and user activity history

Management dashboards for system wide health check and performance overview

Streamlined, interactive dashboard experience with a simplified interface and configurable access controls, in addition to the traditional in-app widget. It enables real-time tracking of tasks, certifications, import/export jobs and matching processes, while also providing KPI monitoring and diagnostics. Data is pulled directly from ReconArt and visualized through management dashboards, delivering a cohesive and customizable analytics solution.

Premium commercial terms

- # Client-specific scope definitions.
- # Flexible change management, short turnaround times.
- # No transaction-based pricing to support growth and unlock efficiencies.
- # Optimized licensing for enterprise roles with different levels of involvement – auditors, managers, supervisors, admins, and daily operatives.
- # Phased roll out of features and modules to flatten the learning curve, avoid operational disruption, and manage cost in a predictable manner.
- # Collaborative implementations and on-site consulting.
- # Option to assign a dedicated functional consultant for extended support.

Client benefits with ReconArt enterprise reconciliation

- ✦ Ample room for optimization of the mix between performance, capacity, and cost
- ✦ Client specific scope definitions and flexible service delivery terms
- ✦ Short turnaround times and agile change management
- ✦ Enhanced system performance metrics maintained under high workload pressure
- ✦ Capacity to secure mission critical operations
- ✦ Personal touch and technical excellence for unwavering support of your ambitious business goals

Trusted by leading global enterprises

ReconArt reconciles billions of transactions annually for major enterprise clients.

		
		
		

Join in, contact us today

Book a demo here: <https://www.reconart.com/>

Email us at info@reconart.com

ReconArt, Inc.

4720-E Langston Blvd,
Arlington, VA 22207
United States

