Overview

Aria Data Feed is designed to provide an always-on continuous feed of Aria data as it changes. It is valuable for non-latency sensitive applications that require an up-to-date data picture from Aria.

Benefits

- Enrich external applications and data lakes with revenue and account information
- Make timely holistic data-driven decisions using the latest information
- Support AI/ML learning and execution processes
- Enhance the value of your favorite applications

Features

- Continuous push updates
- A secure on-demand service
- Full load and change SSE feeds
- Abstracted data model
- Select what data gets sent

Aria Data Feed

Breaking Data Silos

Access to holistic and up-to-date information is essential to steer your decision-making and automate your business. A host of business intelligence, CRM, and AI applications rely on information from multiple sources to deliver on the strategic imperative of building a data-driven organization.

Aria Data Feed is designed to send your monetization data to these applications to build that holistic picture. It provides an always-on, continuous feed of all or select business data as it changes for non-latency applications to deliver an up-to-date business picture. Aria Data Feed offers a contrast to traditional approaches where data is extracted via scheduled batch jobs or repeated API pull requests, ultimately disabling true data-driven discovery and automation.

Common Applications

360° Business Intelligence
Continuously merge Aria data with other sources of business data in your preferred data lake, including Azure Data Lake, AWS S3, or Snowflake, to provide a continuously updated picture, for example, 360° business views, trend analysis, anomaly detection and quality monitoring.

ETL Data Pipeline
Continuously extract, transform, and load (ETL) Aria data for business applications such as CRM, CPQ or ERP, revenue assurance, fraud discovery and search index building.

Key Benefits of Aria Data Feed

Exploit All Your Aria Data From Other Applications
Use your Aria data in other applications, from your favorite analytics and data lakes solutions to CRM, ERP, and AI Automation.

Keep Applications Continuously and Efficiently Updated
Your applications will automatically receive data that has changed without having to poll Aria. Highly fragmented and factional data is consolidated before being sent to reduce resources.

Available On-demand with Zero Lead Time
Aria Data Feed is an on-demand service option in your Aria platform. Simply subscribe via an Aria web service API with secure authentication tokens.

Provided via a Secure Industry Standard SSE Feed
It sends secure data feeds in JSON format over HTTPS using Server-Sent Event (SSE) streaming services.

Data is Abstracted for Application Stability
Data is abstracted into a stable logical data model, enabling backward compatibility and stability for your applications.

Provides Total Data Access via Two Feeds
A "Load Stream" enables you to get a total refresh of your data. A "Change Stream" sends data objects that have changed.

Select Which Data Objects to Send to Optimize Resources
Configure to include as much or as little of your Aria data set to be received by your application.

Aria Data Feed Specification for Enterprise Licenses

Feature	Specification
Data Scope Scope of Aria data objects covered	All Aria data including: Invoice and Financial Data, Dunning and Collections Data, Account and Subscription Data and Product Catalog Data Excludes: Aria System Configuration and regulated data. For example, encrypted credit card numbers for PCI compliance.
Change Stream Speed Time taken to send revised data object once changed	Enterprise license: Best Effort Typical lag: 5 seconds to 5 minutes Maximum lag: 6 hours, when under high object change load as Aria Data Feed waits for fractional changes to settle to minimize load and resources for external applications.
Change Data Availability How long are changed data objects kept available for streaming	Enterprise license: 48 Hours
Change Time Interval What data changes are captured and streamed	Enterprise license: Changes captured typically after 1-second time intervals. Under high system change load, time internal could be up to several hours as data feed waits for pending fractional changes to complete to minimize output volume and high load on external applications.

Comparing Aria Data Feed to Other Aria Data Tools

Select the right data tool for the job. Aria Data Feed is part of a comprehensive set of data orchestration tools from Aria:

Specification	Aria Data Feed	Aria Eventing	Aria APIs	Aria Data Import/Export
All Data (selectable)	Yes			Yes
Single Unified Pipe	Yes			
Logically Abstracted Data Objects	Yes			
Continuously Updating On Change / On Event	Yes	Yes		
Active Push (HTTPS/JSON)	Yes	Yes		
Read-only	Yes	Yes		
Real-time (for latency sensitive applications)		Yes	Yes	
Robust Retry		Yes	Yes	
Passive / Pull			Yes	Yes
Read / Write (CRUD)			Yes	Yes
Batch				Yes

About Aria Systems

Aria Systems' cloud-based monetization platform is the analysts' choice, top ranked by leading research firms. Innovative enterprises like Adobe, Allstate, Comcast, Philips and Subaru depend on Aria to accelerate time to market and increase flexibility, enabling them to maximize customer value and grow recurring revenue through subscription and usage-based offerings.

The Aria Data Feed option is available now. For more information go to www.ariasystems.com or contact Aria at info@ariasystems.com or 1-877-755-2370.