

ATTUNITY REPLICATE

Accelerate Data Integration for Big Data Analytics



Fast Set Up & Data Loading for the Microsoft Analytics Platform System (APS)

Attunity Replicate delivers data for Microsoft Analytics Platform System (APS), an appliance that combines a MPP SQL Server data warehouse with Hadoop in a single high-throughput solution. Attunity Replicate helps Microsoft APS users to quickly integrate data from heterogeneous data sources and to maintain the changed data continuously and efficiently.

Attunity Replicate Offers End-to-End Automation

Instead of relying on a complex, time and resource intensive ETL process that moves data in batches, Attunity Replicate is able to focus on performance. The software supports an ELT model to move data to the target system as quickly as possible. The optimized data loading capability leverages the power of Microsoft APS to perform complex transformations. This approach eliminates the need for development during data loading by automating the entire process and offering an end-to-end solution.

Attunity Replicate Provides:

- » Quick set up of data feeds featuring a drag-and-drop graphical user experience
- » High-performance loading of large data volumes with optimized integration with Microsoft APS, including the MPP SQL Server and Hadoop components
- » Support for many heterogeneous data sources including SQL Server, Oracle and DB2
- » Real-time data availability using proprietary technologies including in-memory data streaming and Attunity TurboStream CDC
- » End-to-end automation, including schema generation, metadata changes and transparent data type transformations between source and target databases
- » Zero footprint architecture that doesn't require agents on source or target databases
- » Support for initiatives including BI and analytics, operational reporting, data distribution and consolidation

Microsoft®
CERTIFIED

Partner

Key Features

- » One solution for Microsoft APS, including the MPP SQL Server and Hadoop components
- » Optimized high performance
- » Simple drag and drop "Click-2-Load" interface
- » Schema A and DDL replication
- » Low latency, low impact
- » Flexible schema mapping and transformations
- » Advanced filtering
- » Monitoring dashboard
- » Change audit trail option

Common Use Cases

Get your Big Data to perform in all new ways.

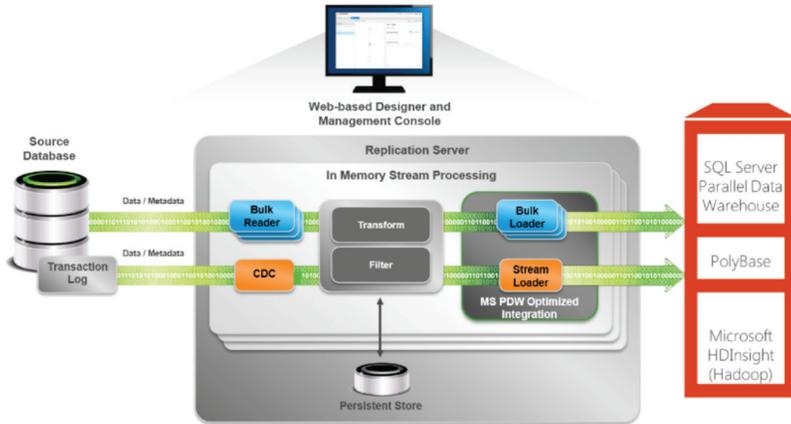
Ensures data is available when, where and how it's needed for:

- » BI and Analytics
- » Operational Reporting
- » Data Distribution
- » Building a Data Lake



High-Performance, Optimized Data Loading

Attunity Replicate leverages the native API bulk loader for Microsoft PDW and high-speed WebHDFS interface for HDInsight to ensure that data is loaded into Microsoft APS as fast as possible. This integrated approach is designed to move large volumes of data into tables in the database with the highest efficiency possible. By leveraging Microsoft’s fast-loading APIs, Attunity Replicate executes automatic parallel data allocation, transformation and movement to achieve optimal data loading performance levels.



Zero Footprint Architecture

Attunity Replicate features a “zero footprint” architecture that enables it to behave like a low-impact application instead of a complex development framework. Because there is no need to install software on the source or target systems, the time and hassle required for IT to install and manage multiple software instances is dramatically reduced or avoided.

Powerful and Scalable

While Attunity Replicate is designed to be extremely easy to deploy, it is also extremely powerful. It delivers fast data extraction and bulk loading combined with in-memory transaction streaming to deliver low latency with low impact. By leveraging Attunity TurboStream CDC, Attunity Replicate provides key optimizations for continuous and efficient loading to Microsoft APS. Using Microsoft’s APIs, the technology optimizes the data delivery process for optimal performance and agility. Attunity Replicate’s modular, multi-server, multi-tasked and multi-threaded architecture supports high-volume, rapidly-changing environments which makes it easy to scale.

Monitoring and Control

Attunity Replicate’s web-based performance dashboard and alerts enable proactive monitoring and controlling of data delivery servers and tasks. It offers a view into the status of data-loading servers and can start, stop and reset tasks from anywhere

Contact Us

North America
 T: +1 781-730-4070
 866-288-8648
 sales@attunity.com

Europe, Middle East & Africa
 T: +44 (0) 1344 742 805
 info-uk@attunity.com

Asia Pacific
 T: + (852) 2756 9233
 info-hk@attunity.com

Connect With Us
www.attunity.com
www.attunity.com/blog



Over 2,000 companies — including half the Fortune 100 — trust Attunity solutions.

Attunity focuses exclusively on engineering high-performance information availability solutions that are fast to deploy and easy to operate, empowering enterprises to simply and cost-effectively ensure business-critical information is accessible when, where and how it’s needed to become a more agile, intelligent enterprise.