

Attunity Connect for VSAM

A Standard Data Connectivity Solution

Attunity Connect for VSAM provides standards-based access to VSAM data. With Attunity Connect, companies can seamlessly use VSAM information in portals, reports, web applications, and web services.

Benefits:

- Simplify data access
- Accelerate integration projects
- Reduce implementation risk
- Reduce the cost of ownership
- Universal access enables to re-purpose data for a any application
- Maximize the utilization of existing legacy systems
- Increase ROI with support for multiple IT initiatives with a single solution

Standard data access using SQL and XML

Enterprises have invested in VSAM over the years, using it to store and manage valuable business information. With that investment, companies keep looking for additional ways to leverage and re-purpose their data for new business initiatives such as:

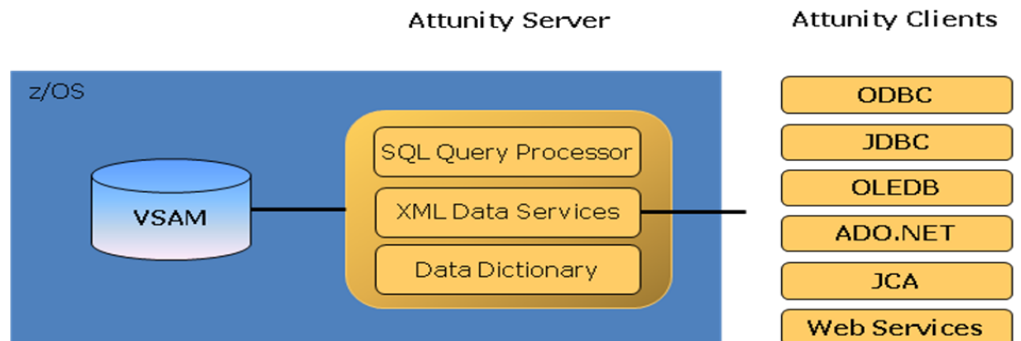
- Business intelligence (BI) and data warehousing (DW)
- Data integration and synchronization
- Application integration (EAI) and SOA
- Enterprise portals
- Legacy modernization

While VSAM's native file-system structure has contributed to its performance, it has also made it difficult to interoperate with. This is a challenge when re-using data in the various applications, technologies, and platforms used by large enterprises.

Universal Data Access addresses these issues by providing seamless access to data using standards-based interfaces. **Attunity Connect for VSAM** provides standards-based data access, allowing applications to access VSAM data using SQL queries and XML interactions. Attunity's interfaces can be used by applications on any computing environment including .NET, Java/J2EE and legacy 3GL, providing a single solution for universal data access and connectivity to your VSAM resources. Attunity Connect for VSAM provides:

- ODBC Driver for VSAM
- JDBC Driver for VSAM
- OLE DB Provider for VSAM
- ADO.NET Provider for VSAM
- JCA Resource Adapter for VSAM
- XML and Web Service Adapter for VSAM

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Key Capabilities:

- Standard ANSI SQL support for VSAM data access
- Defines a relational data model for VSAM
- Read and write support
- Transaction support
- Query governing
- Define XML data services
- Ease of use – no coding required. Wizard-based configuration

Supported VSAM Configurations:

- Batch access
- Transactional access under CICS

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Components of Attunity Connect for VSAM

VSAM Driver and Metadata

The Attunity driver is a software component responsible for interoperating with VSAM data and performing read and write operations efficiently. The metadata is used for defining a relational metadata model for VSAM that provides the foundation for SQL processing.

SQL Query Processor

The SQL Query Processor takes care of processing incoming SQL requests in an efficient manner and supports ANSI-92 SQL, making VSAM appear as a relational database.

XML Database Services (Database Adapter)

The component allows the definition of data services that perform read or update operations on VSAM and other data sources. These virtual services are based on SQL operations and automatically define XML interactions in support of a service-oriented architecture (SOA).

Standard Client Interfaces (SQL, XML, Web Services)

Attunity Connect provides a set of thin clients that provide universal connectivity and allow any application to access VSAM. This includes SQL-based interfaces including ODBC, JDBC, and ADO.NET as well as interaction-oriented interfaces for Java (JCA) and .NET.

Attunity Studio

Attunity Studio is a GUI for configuring and managing Attunity Connect. Graphical and wizard-based, the Attunity Studio provides a productive environment for configuring VSAM data access, deploying solutions, and managing them in production.

Robust VSAM and Mainframe Support

Attunity Connect for IMS provides supports for IMS features including:

- Import VSAM metadata from COBOL copybooks
- Support files structures includes KSDS, ESDS, RSDS, and QSAM
- Native security, supporting RACF, ACF2, TopSecret
- Support for VSAM Change Data Capture (available separately by Attunity Stream)

"Our ad-hoc query and reporting tool collects data from hundreds of data repositories used by credit unions throughout North America. Attunity's data integration platform gives us the flexibility to integrate data of all types including our mainframe data, while we focus on building the best possible report delivery solution for our customers."

Tim Watson
Vice President, IntegraSys