

# Attunity Connect for Adabas A Standard Data Connectivity Solution

**Attunity Connect for Adabas provides standards-based access to Adabas databases. With Attunity Connect, companies can seamlessly use Adabas 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 Adabas 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:

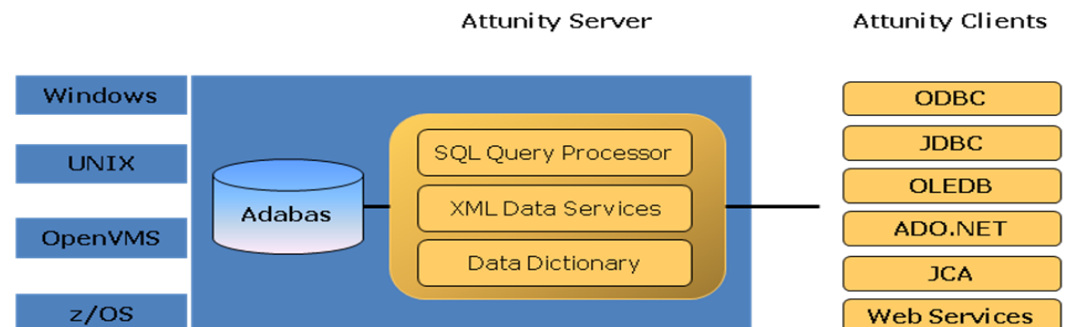
- Business intelligence (BI) and data warehousing (DW)
- Data integration and synchronization
- Application integration (EAI) and SOA
- Enterprise portals
- Legacy modernization

While Adabas' proprietary 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 Adabas** provides standards-based data access, allowing applications to access Adabas 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 Adabas resources. Attunity Connect for Adabas provides:

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

## Attunity Connect for Adabas



### Key Capabilities:

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

### Support Adabas on Open Systems:

Attunity Connect supports Adabas versions 3.3 to 6.1 on the following operating systems:

- Windows
- Solaris
- HP UX
- AIX
- OpenVMS

### Support Adabas on the Mainframe:

Attunity Connect supports Adabas versions 6.2.2 to 8.1 on z/OS.

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## Components of Attunity Connect for Adabas

### Adabas Driver and Metadata

The Attunity driver is a software component responsible for interoperating with Adabas tables and performing read and write operations efficiently. The metadata is used for defining a relational metadata model for Adabas 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 Adabas 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 Adabas 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 Adabas. 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 Adabas data access, deploying solutions, and managing them in production.

## Robust Adabas Support

Attunity Connect for Adabas supports unique Adabas features including:

- Import Adabas metadata from DDM and Predict
- Support for Adabas arrays including ME and PU fields
- Support Adabas descriptors and super-descriptors
- Supports pre-fetch and multi-fetch
- Support multi-index query strategy
- Support for Adabas Change Data Capture (available separately by Attunity Stream)

“We were looking for an evolution of what we’ve got rather than a revolution. We wanted to give our Adabas system life in the future, building on what we have and expanding it. Attunity exceeded our expectations. The company was accessing and modifying data within a couple of hours of its arrival, and we could see straightaway that we’d found what we wanted.”

Derek Eaton  
Systems Development Manager for PMAS