

# Attunity Connect for Enscribe and SQL/MP A Standard Data Connectivity Solution

**Attunity Connect for Enscribe and SQL/MP provides standards-based access to HP NonStop data. With Attunity Connect, companies can seamlessly use information stored in Enscribe or SQL/MP 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 HP NonStop (Tandem) 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:

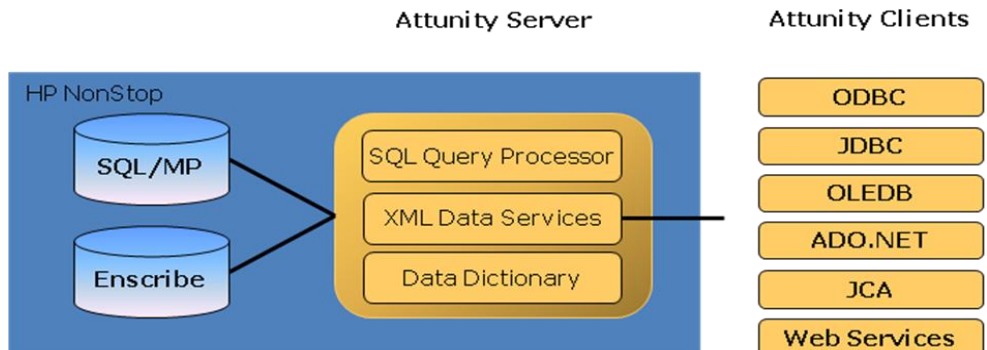
- Business intelligence (BI) and data warehousing (DW)
- Data integration and synchronization
- Application integration (EAI) and SOA
- Enterprise portals
- Legacy modernization

While HP NonStop provides high fault tolerance and Enscribe's native file-system structure has contributed to its performance, the environment is not easy 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 HP NonStop** provides standards-based data access, allowing applications to access **Enscribe** and **SQL/MP** 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 Enscribe and SQL/MP resources. Attunity Connect for HP NonStop provides:

- ODBC Drivers for Enscribe and for SQL/MP
- JDBC Drivers for Enscribe and for SQL/MP
- OLE DB Providers for Enscribe and for SQL/MP
- ADO.NET Providers for Enscribe and for SQL/MP
- JCA Resource Adapter for SQL/MP
- XML and Web Service Adapters for Enscribe and for SQL/MP

## Attunity Connect for Enscribe and SQL/MP



### Key Capabilities:

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

### Support for Integrity

While Attunity continues to support the S-Series machines, Attunity Connect has been ported and certified with HP NonStop on the Itanium-based Integrity platform (NS Series).

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## Components of Attunity Connect for HP NonStop (Tandem)

### Enscribe and SQL/MP Drivers and Metadata

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

### Robust Tandem and Enscribe Support

- Native to Guardian
- Supports parallel TCP-IP and Multi-IP environments
- Import metadata from DDL, COBOL and TAL
- Support for arrays in Enscribe
- Support for Tandem Change Data Capture (available separately by Attunity Stream)

"Attunity is genuinely interested in solving problems, not just selling products. Attunity Connect offers us seamless access to our HP Nonstop SQL databases from external systems and allows Sprint Nextel to instantly respond and react, whether it is a customer problem or national disaster."

Tom Steele  
Principal network design engineer, **Sprint Nextel**