

Overview: DataDirect Connect64 for SSIS



DataDirect Connect64 for SSIS enables every phase of the Microsoft SQL Server Integration Services (SSIS) application life cycle from package migration or development, to simplified package deployment, to the best possible 64-bit runtime package execution performance. DataDirect Connect64 for SSIS is designed to enable organizations that need access to databases such as Sybase, Oracle, and DB2 to get the most out of their SSIS deployments.

Execute SSIS Packages in 64-Bit for Maximum Performance

Due to the memory-intensive nature of what SSIS is designed to do, SSIS packages perform best when executed in 64-bit mode since 64-bit applications are free of the memory constraints of 32-bit applications. DataDirect Connect64 for SSIS includes a 64-bit OLE DB provider to allow 64-bit execution of SSIS packages that access Sybase, Oracle, and DB2. In addition to allowing 64-bit package execution, Connect64 for SSIS uses the same high-performance wire protocol design of DataDirect's market leading ODBC drivers. This clientless architecture communicates at the database's native (wire) protocol, effectively removing a communication layer and eliminating the need for database client libraries. When used with SSIS packages run in 64-bit mode, Connect64 for SSIS avoids artificial performance bottlenecks caused by memory constraints and decreases overall package execution times.

Avoid SSIS Packages Deployment Headaches

After developing or migrating SSIS packages using the Microsoft SQL Server Business Intelligence Development Studio, the packages must be deployed to the server where they will be run. DataDirect Connect64 for SSIS simplifies the deployment process by eliminating the need to install and configure database client libraries on each platform where the packages will be deployed. Connect64 for SSIS connects directly to Sybase, Oracle, or DB2 without the use of database client libraries and is designed to simultaneously support the most current version as well as multiple past versions of each database. Because of its unique architecture, Connect64 for SSIS allows the deployment of multiple SSIS packages that require access to different versions of a database and helps organizations avoid the time and expense involved in SSIS package retesting and requalification.

Simplify Development or Migration of Packages within SSIS

Microsoft's SQL Server Business Intelligence Development Studio is the tool that is used to develop new SSIS packages or migrate old Data Transformation Services (DTS) packages to SSIS. Despite the fact that most customers choose to execute their SSIS packages in 64-bit mode, development or migration of packages for SSIS using the SQL Server Business Intelligence Development Studio actually requires a 32-bit OLE DB provider. In order to develop SSIS packages using the SQL Server Business Intelligence Development Studio then execute them in 64-bit mode, DataDirect Connect64 for SSIS contains a matching set of 32-bit and 64-bit OLE DB providers for each database that must be accessed. Without a matched set of 32-bit and 64-bit OLE DB providers, SSIS packages that are developed to connect with databases such as Sybase, Oracle, and DB2 using the SQL Server Business Intelligence Development Studio can not successfully run in 64-bit mode.

Connect64 for SSIS Features

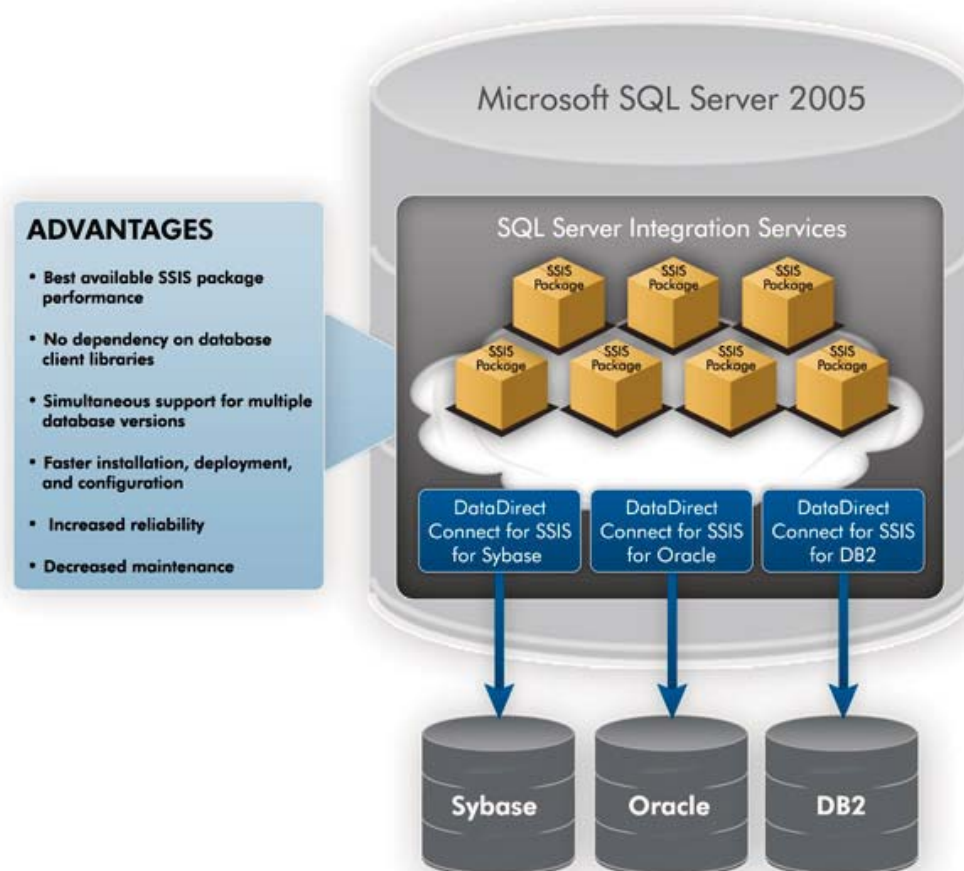
- Features a matched set of 32-bit and 64-bit OLE DB providers to allow packages developed using the Microsoft SQL Server Business Intelligence Development Studio to be run in 64-bit mode.
- Eliminates the need for database client libraries. This enables the best available SSIS package performance and speedier package deployment while ensuring simultaneous support for multiple versions of a database from a single server.
- Supports enterprise features like Operating System Authentication and Data and SSL, Connect64 for SSIS enables organizations to implement auditing and Single Sign-On initiatives.
- Includes the DataDirect Connect64 for SSIS Configuration Manager to aid in the creation, modification, and management of Connect64 for SSIS data sources
- Backed by the industry's best technical support organization for immediate, 24 x 7 phone, email and web-based support when you need it most.

Databases
Sybase ASE
Oracle
DB2 (all platforms)

Platforms
Intel / AMD x86-64 for:
- Windows Server 2003
- Windows XP Pro

DataDirect Connect64 for SSIS

Every Phase of the SSIS Application Life Cycle



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