

IBM WebSphere Data Integration Suite Adapters: Connectivity to Enterprise Resources

Highlights

- ***Reduce project risk through rapid identification of the right data***
- ***Increase developer productivity through data consistency, regardless of sources***
- ***Deliver disparate enterprise data without custom coding***
- ***Simplify system configurations***

IBM WebSphere Information Integration

Organizations face an information challenge. Where is it? How do I get it when I need it in the form I need? What does it mean? What insight can I gain from it? Can I trust it? How do I control it? The list goes on, and the challenges grow unceasingly if businesses cannot ensure that they have access to authoritative, consistent, timely and complete information.

The IBM WebSphere® Information Integration platform integrates and transforms any data and content to deliver information you can trust for your critical business initiatives. It provides breakthrough productivity, flexibility and performance, so you and your customers and partners have the right information for running and growing your businesses. It helps you understand, cleanse and enhance information, while governing its quality to ultimately provide authoritative information. Integrated across the extended enterprise and delivered when you need it, this consistent, timely and complete information can enrich business processes, enable key contextual insights and inspire confident business decision-making.

Connectivity: A Key to Information Transparency

While organizations have invested heavily in enterprise applications from vendors like SAP, PeopleSoft, Siebel, and Oracle, the information within those systems is both incompatible in format and inconsistent in content. Similarly, data in mainframe systems such as DB2® Universal Database (UDB)®, IMS®, VSAM, QSAM, ADABAS, DataCom, and IDM, and data in legacy systems such as SQL/MP and Enscribe on HP NonStop is redundant or contradictory. The lack of consistent and coherent information presents a challenge of mammoth scale: Multiple source systems with different data structures, containing duplicate data, with daily changes in the volumes, formats, latencies and physical/logical sources of data, with no common definition of master data, need to be integrated.

IBM WebSphere Data Integration Suite offers extensive connectivity services that simplify the delivery of information you can trust. More than 250 adapters interoperate with heterogeneous data sources and targets — text files, complex data structures such

as XML and EDI (electronic data interchange), enterprise applications from vendors like SAP, Oracle (including PeopleSoft) and Siebel, and a wide range of databases including DB2 UDB, Oracle, Microsoft® SQL Server, Teradata, Sybase, Informix® Dynamic Server, Netezza, MySQL and others. They also connect with file systems, applications from SAS and other vendors, and protocols such as web services. Working with these adapters, the WebSphere Data Integration Suite can access data sources and data targets across the enterprise, leveraging your current and future technology investments. Complete anytime, anywhere connectivity streamlines the data integration process and helps WebSphere Data Integration Suite scale easily to keep pace with business and technology changes. It offers these and other benefits:

- *Increased developer productivity resulting from consistency of data from all sources.*
- *Integration with disparate and undefined enterprise data without custom coding.*
- *Optimized integration with enterprise applications and databases through use of native interfaces.*
- *High performance through high-speed, parallel processing of bulk loads and extracts.*

- *Minimized performance impact on operational applications.*
- *Reduced configuration complexity and on-going maintenance costs.*
- *Increased return on investment from existing enterprise resources.*

Integration Efficiency with Changed Data Capture

Connectivity options for WebSphere Data Integration Suite meet varied integration requirements — from moving all the data from a source system to a target system in batch or real time to capturing just the changed source data (through Changed Data Capture, or CDC). Identifying changed records in an operational system and moving only those records to the target system, a CDC approach can reduce network traffic, adapt to shorter batch windows, and enable events on source systems to serve as catalysts for data integration processes. Optional approaches support:

- *Batch updates and event publishing for hosted and distributed systems*
- *Changed data capture initiated by database triggers, system logs, or database replication functions*
- *Guaranteed transaction delivery through integration with IBM WebSphere MQ*

Business-to-business Data Standards Support

WebSphere Data Integration Suite also supports information in industry-standard business-to-business data structures. Supported structures include:

- *Electronic Data Interchange (EDI) - X12, EDIFACT, TRADACOMS, ODETTE and EANCOM*
- *Healthcare - HIPAA, HL7, NCPDP, CMS*
- *Finance – SWIFT*

IBM is committed to best-in-class connectivity, with frequent updates to keep abreast of the latest developments in the sources and targets.

System Requirements:
IBM WebSphere Data Integration Suite Adapters:
Connectivity to Enterprise Resources

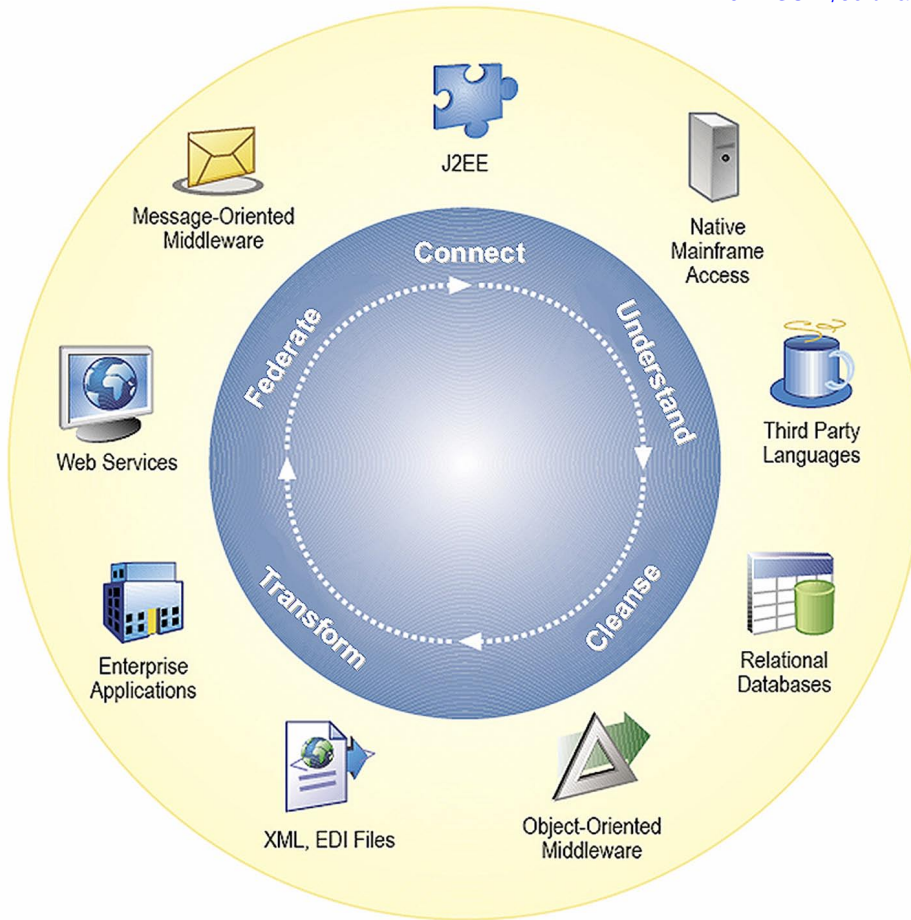
WebSphere Data Integration Suite connectivity offerings support operating systems ranging from Microsoft Windows® to IBM AIX®, Linux®, HP-UX (PA-RISC and Itanium) and Solaris, to z/OS® for IBM mainframes. For current, detailed hardware and software system requirements for these and other WebSphere Information Integration products, visit ibm.com/software/data/integration.

For More Information

For more information about connectivity with enterprise resources such as databases and packaged applications, please refer to the companion data sheet entitled IBM WebSphere DataStage Packs: Connectivity for Enterprise Applications (GC-18-9722-00)

To learn more about connectivity options, the IBM WebSphere Data Integration Suite, or the IBM WebSphere Information Integration platform, contact your IBM marketing representative or IBM Business Partner, or visit

ibm.com/software/data/integration.





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