



PRODUCT
Pervasive Data Integrator™



PRODUCTION PLATFORMS
Windows 2000/XP, Linux, Solaris, HP-UX, IBM AIX



INCLUDED CONNECTORS
Over 150 industry standard connectors

Pervasive Data Integrator

Intelligent organisations face the challenges of timely and efficiently aggregating data from across all information sources into centralised stores to gain a whole-business view for analysis and improved decision-making ability. Pervasive Data Integrator™ takes any Extract, Transform and Load (ETL) project to a new level by providing a complete data integration solution that not only solves large-scale projects, but also is a superb solution for smaller, project-oriented data movement tasks. Access nearly any data, including unstructured data, transform it and load it into data warehouses, data marts or other target systems. With Pervasive Data Integrator in place, organisations have a nimble and flexible solution that can automate any data movement task, regardless of scope, on an event-driven or regularly scheduled basis.

Enterprise ETL

Packaged with functionality for aggregating enterprise data and high-performance data warehouse loading, the Pervasive Data Integrator development environment enables the developer to quickly define and maintain automated ETL jobs that assist enterprise decision-making capability.

Key Features

- Logging/rollback feature allows rollback based on data lineage in the event a process ends unexpectedly
- “Upsert” capabilities speeds efficiencies when inserting/updating data during high-speed operations
- Symmetric Multi-Processing (SMP) Integration Engines for scaling large data load processing across multiple CPU’s within narrow time windows
- Distributed integration model allows integration processes to reside at the points of integration – creating a scalable and flexible integration infrastructure
- Define rules for complex any-to-any data aggregation and transformation with writing to multiple target tables in one pass
- Connectivity to all major enterprise databases and bulk loaders – with mass insert and multi-table writers

Data Integration

Packaged with functionality for aggregating enterprise data and high-performance data warehouse loading, the Pervasive Data Integrator



development environment enables the developer to quickly define and maintain automated ETL jobs that assist enterprise decision-making capability.

Key Features

- Integrate data from personal applications and back-office data stores
- Invest in only one tool set for managing nearly any data integration project
- Easy-to-learn and user-friendly mapping interface shortens the learning curve and reduces overall project cost
- Quick-hitting design environment is ideal for tactical or project-based data migration and conversion tasks

STRENGTHS:

- ETL (Extract, Transform and Load)
- Legacy Data Integration
- Unstructured Data Integration

SPECIFICATIONS:

Supported Development Platforms:

- Windows 2000/XP

Supported Production Platforms:

- Process Workflow Designer
- Integration Map Designer
- Schema Design Tools
- Integration Repository Explorer
- SDK for remote or embedded invocation and management of integration processes

Available Add-Ons:

- Repository Manager
- Execution Profiler

Pervasive Data Integrator

- Access and integrate structured data from ISAM databases and even unstructured data sources such as email and electronic reports
- Handles the most complex of transformation requirements without requiring a user exit to call external code
- Design package multi-step processes for automated execution by an Integration Engine
- Integrate data from legacy systems

Foundation Features

Whether designing integration processes for data warehouse loading or for simply converting data between formats, Pervasive Data Integrator includes numerous foundation features that simplify creating and managing flexible integration solutions.

PROCESS DESIGNER

- Graphical process flow design environment
- Drag-and-drop creation of complex, multi-step workflows
- Initiate and interact with external applications and business processes

MAP DESIGNER

- Drag-and-drop graphical user interface for mapping and transformations
- Immediate testing and debugging of transformations
- Event-driven transformation model gives flexibility for handling any transformation requirement
- Rich facilities for error-logging, record reject, transformation and execution flow-control
- Map and transform multi-record type data
- Access to data—including XML and text—over HTTP/HTTPS, TCP and FTP
- Reusable, component-based integration design

SCHEMA DESIGNERS

- Capture and define schema from a wide variety of sources: Standard database schema, unstructured data sets, electronic documents
- Create schematic definitions for binary formats
- Integrate data from print files, reports, email and more

INTEGRATION REPOSITORY

- Open XML-based repository for storing design metadata with ability to check in/out of a source code control system

RAPID INTEGRATION FLOW LANGUAGE (RIFL)

- More than 150 pre-built functions with wizards to aid expression building for transforming data
- RiFL available throughout development environment for complete control of integration process
- Name and address parsing, scrubbing and table-driven address cleansing

CONNECTORS

- More than 150 direct data connectors for introspection and integration of most data sources and targets.

INTEGRATION ENGINES

- Command line interface
- Small footprint – readily embeddable in third-party applications
- Java, COM and C APIs

Data Integrator in Action

As the leading provider of vehicle history information in the USA, Carfax.com serves consumers with more than 1.2 billion records on approximately 300 million vehicles. The challenge for Carfax's IT department was corraling these multiple, disparate vehicle records in an online database so that current information could be rapidly retrieved by Web visitors. Submitted files come in a variety of formats and many of them contain multiple tables, hierarchical structures, invalid data and duplicate information.

Using Pervasive Data Integrator, developers quickly reconciled differences in format and structure between source files and their online database. In addition to extensive data restructuring, Carfax uses Pervasive Data Integrator to manipulate data and validate critical fields. Pervasive Data Integrators' comprehensive expression builder for visually creating user-designed expressions affords Carfax field-level data manipulation and enables the easy construction of complex functions such as global variables.

"Pervasive Data Integrator's look-up functionality is very nice... very easy to use for creating on-the-fly look-ups." Carfax

About Pervasive Software



Pervasive Software is a global value leader in data infrastructure software. The company's awardwinning products enable customers to manage, integrate, analyze and secure their critical data, providing the industry's best combination of performance, reliability and cost. Pervasive's strength is evidenced by the size and diversity of its customer base, serving tens of thousands of customers in virtually every industry market around the world. With headquarters in Austin, Texas, Pervasive was founded in 1994 and sells its products into more than 150 countries.

More info

- To learn more about Pervasive Software and our solutions, please visit www.pervasive.com.

- Customer Interaction Center: For Belgium, France, Germany, Italy, Luxembourg, The Netherlands, Spain, Sweden, Switzerland and the United Kingdom, call **+800.12.12.34.34**. For any other European, Middle Eastern, African or Asian country (excluding Japan), call **+32.70.23.37.61**. For Japan, please call **+81.3.3293.5300**, or visit www.pervasive.co.jp.

- To reach the North American sales office, call **1.800.287.4383, extension 2**.

- For Latin, Central and South America, Australia and New Zealand, call **+1.512.231.6000**.

For more product information and downloads, visit www.pervasive.com/dataintegrator