PRODUCT SHEET

PERVASIVE

ETL | Legacy Data Integration | Unstructured Data

Pervasive Data Integrator

Pervasive Data Integrator™ provides mid-sized organizations and departmental IT groups with a fast, easy, and affordable way to aggregate data from multiple information sources into centralized stores for in-depth business analysis and improved decision-making. Ideal for both large-scale projects and smaller, project-oriented data movement tasks, Pervasive Data Integrator enables users to access nearly any data (including unstructured data), transform it and then load it into operational data sources, data warehouses, data marts or other target systems. With Pervasive Data Integrator in place, organizations have a flexible solution that can automate any data movement task on an event-driven or regularly scheduled basis.

Enterprise ETL

Pervasive Data Integrator enables the developer to quickly define and maintain automated Extract, Transform and Load (ETL) jobs that assist enterprise decision-making capability. Fully automating data access and transformation processes, Pervasive Data Integrator solves tactical ETL projects quickly and easily

Key Features

- Logging/rollback feature that allows rollback based on data linage in the event a process ends unexpectedly
- "Upsert" capabilities that speed efficiencies when inserting/updating data during high-speed operations
- Symmetric Multi-Processing (SMP) Integration Engines for scaling large data load processing across multiple CPUs within narrow time windows
- Distributed integration model that allows integration processes to reside at the points of integration, thereby creating a scalable and flexible integration infrastructure
- Complete rules definition 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, along with mass insert and multi-table writers
- Independent Connector Architecture with package connectors and a code base for multiple uses
- Support for Pervasive Integration Manager and Pervasive Integration Server

Real-Time Data Integration

Pervasive Data Integrator provides the developer with a set of easy-to-learn graphical tools that are ideal for rapid design and maintenance of single or reoccurring processes that move data from one format to another.

Key Features

- Integration of data from personal applications and operational data stores
- A single tool set for managing nearly any data integration project
- Easy-to-learn and simple-to-use mapping interface that shortens the learning curve and reduces overall project cost
- Quick-hitting design environment that is ideal for tactical or project-based data migration and conversion jobs
- Ability to access and integrate structured data from ISAM databases, including even unstructured data sources such as email and electronic reports
- Ability to handle the most complex of transformation requirements without requiring a user exit to call external code
- Support for the design and packaging of multi-step processes for automated execution by an Integration Engine
- Integration of data from legacy systems

Data Integrator In Action

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

Using 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 Data Integrator to manipulate data and validate critical fields. Data Integrator's comprehensive expression builder for visually creating user-designed expressions affords Carfax field-level data manipulation and also enables the easy construction of complex functions such as global variables.

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

PERVASIVE Data Integrator™

PERVASIVE

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 the creation and management of flexible integration solutions .

Integration Services

- Invocation and deployment of integration processes using Web Services standards including SOAP and WSDL
- Direct integration of applications using the provided JCA Resource Adapter, Message Driven Beans, Java or C APIs

Process Designer

- Graphical process flow design environment
- Drag-and-drop creation of complex, multi-step workflows
- Initiation and interaction with external applications and business processes
- Streamlined component configuration with Properties grid
- Support for Message Component Framework

Map Designer

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

Schema Designers

- Ability to capture and define schema from a wide variety of sources: standard database schema, unstructured data sets, electronic messages (standards based messages such as EDI or SWIFT), online reports, email or other unstructured documents
- Creation of schematic definitions for binary formats

Integration Repository

- Open XML-based repository for storing design metadata with ability to check in/out of a source code control system
- Repository Manager to conduct impact analysis on metadata modifications*

Expanded Message Handling

- Framework for adding message component plug-ins built in Java
- Ability to connect to new message-based queues
- Components automatically recognized by Process Designer

Rapid Integration Flow Language (RiFL)

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

Connectors

- More than 160 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
- Engine Profiler for benchmarking and performance testing*

Specifications

Supported Development Platforms:
- Windows 2000/XP

Supported Production Platforms:
- Windows 2000/XP
- OS/390, z/OS UNIX
- Linux, Solaris, HP-UX, AIX

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

Included Connectors:
- Legacy data
- ODBC
- DBMS
- Flat files
- XML

*Pro Version Only

ABOUT PERVASIVE SOFTWARE

Pervasive Software is a global value leader in data infrastructure software. The company's award-winning 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.

FOR MORE INFORMATION

- To learn more about Pervasive Software and our solutions, please visit **www.pervasive.com**.
- 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**.
- In Europe, 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 countries (excluding Japan), call **+32.70.23.37.61**.
- For Japan, please call **+81.3.3293.5300**, or visit **www.pervasive.com.jp**.

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