



Composite PerformancePlus Application Adapter for SAP



ADVANTAGES

The Composite PerformancePlus Application Adapter for SAP offers the following features and benefits:

- **Pre-built Content** – Frequently used business information already packaged with context, accelerating projects and reducing risks.
- **No Coding** - Eliminates ABAP programming and API complexities, saving you time.
- **Non-invasive Access** - No transports to install, no modification to your SAP instance. Exposes metadata such as reference key information and field descriptions, enabling access to all BAPIs, RFCs.
- **Data Integrity** - Enforce user authentication and visibility rules as defined in SAP, retaining business logic configured in your SAP instance.
- **Optimized Performance** - Faster than basic adapters, using specialized query algorithms.
- **Data Caching** - Table and file caching to mitigate the impact of frequently requested queries.
- **Data Updates** - Supports transactional inserts, updates, and deletes.

The Composite PerformancePlus Application Adapter™ for SAP enables specialized access to SAP R/3 (and mySAP) and delivers its content as standards-based data services. Used with the Composite Information Server, the adapter allows IT to quickly and easily implement a range of initiatives including Business Intelligence (BI), Dashboard, Analytics, Single View projects and more.

SAP data is valuable not only within the system, but also in the larger context of your enterprise. For example, business users frequently need to extract material management data from SAP and combine it with inventory data from supply-chain management systems. This gives them a high-level view of the logistics process, which help them make better day-to-day business decisions. Because SAP is primarily written in a proprietary language called ABAP, with over 20,000 tables and complex data structures, it requires specialized expertise to access its content.

The Composite PerformancePlus Application Adapter for SAP surfaces SAP data and delivers it as SQL-based views or XML-based Web services. The adapter also has the option of generating high-level abstracts of the most common business objects, such as Orders, Materials, and Customers. Business users then see the content presented within their front-end business applications (usually integrated with other enterprise data), which provide them with the visibility and insight needed to effectively run the business. (See reverse side for sample list of SAP services.)

Performance Difference

The Composite PerformancePlus Application Adapter™ for SAP provides performance optimization capabilities and development acceleration far beyond competing products. In addition to intelligently evaluating and leveraging underlying data source capabilities to ensure optimal federated query performance, Composite PerformancePlus Application Adapters also provide:

- **Certified Vendor-Specific Connectivity API (i.e., BAPI)** – Access proprietary SAP data using vendor-approved access methods.
- **Relational Representation of Source Data** – Standardize data structures to accelerate development.
- **Business Canonical Abstraction of Source Data** – Standardize data semantics to simplify development.
- **Vendor-specific Engineered Functions** – Supercharge performance beyond vendor's standard capabilities.

USAGE

The Composite PerformancePlus Application Adapter for SAP has immediate impact on a wide range of projects:

- **Business Intelligence (BI)** – Whether for reporting, performance management, or operational monitoring, BI needs data. Easy access to SAP data makes BI development projects faster and less risky.
- **Dashboards** – Fresh data makes your dashboards more insightful. Delivering on-demand data from SAP may be a critical factor in your project's success.
- **Analytics** – Whether figuring out past trends or predicting future scenarios, data is the critical ingredient. Approved access to SAP provides you with the confidence that you have reliable data.
- **360° Views** – Achieving a complete view of customer, products, or other assets, require data not only from SAP. Integrating complementing data outside the system provides a true 360° view of your enterprise.

SAP DATA SERVICES (SAMPLE LIST)

Financial Accounting

Accounts Payable
 Clearing Transactions
 Current Balances
 Period Balances
 Vendor Details
 Vendor List
 Accounts Receivable
 Account Details
 Balanced Items
 Current Balances
 Period Balances
 Asset Accounting
 Fixed Asset Details
 Fixed Asset List
 Bank Accounting
 Payment Request List
 Business Area
 Business Area Details
 Business Area List
 Company Code
 Company Code Details
 Company Code List
 Customer
 Customer Details
 Customer List
 Customer Sales Area

Controlling

Overhead Cost Controlling
 Activity Prices
 Activity Quantities
 Activity Type Details
 Activity Type Group List
 Activity Type List
 Business Process Details
 Business Process Group List
 Business Process List
 Controlling Area Details
 Controlling Area List
 Controlling Documents
 Cost Center Details
 Cost Center Groups
 Cost Center List
 Cost Element Groups
 Cost Element List
 Internal Order Details
 Internal Order Groups
 Internal Order List
 Key Figure Details
 Key Figure List
 Related Company Codes
 Functional Area
 Functional Areas
 General Ledger Account
 Account Details
 Account List
 Inventory Management
 Goods Movement Details
 Physical Inventory Document
 Details
 Physical Inventory List
 Reservation Details
 Reservation List

Materials Management

Invoice Verification
 Incoming Invoice Details
 Purchasing
 Purchase Order Details
 Purchase Order List

Production Planning and Control

Production Orders
 Production Order Components
 Production Order Confirmation Details
 Production Order Header
 Production Order Operations
 Production Order Positions
 Production Order Resources and Tools
 Production Order Sequences
 Production Planning
 Production Plan Details
 Control Recipes
 Process Characteristics

Sales and Distribution

Billing
 Billing Documents
 Sales
 Sales Order Status
 Sales Support
 Sales Activity Business Partners
 Sales Activity General Data
 Sales Activity Text

SPECIFICATIONS

SOFTWARE REQUIREMENTS

- Composite Information Server 4.0 or higher

APPLICATION VERSIONS

- SAP R/3 4.7, mySAP 5.0, 6.0

OTHER PERFORMANCEPLUS APPLICATION ADAPTERS

- Oracle E-Business Suite 11.5.8, 11.5.10
- Siebel CRM 7.7, 7.8, 8.0
- Salesforce.com

PERFORMANCEPLUS DATA ADAPTERS

- Oracle Essbase 9.3
- SAP BW 3.5, BI 7.0
- Web Content

PERFORMANCEPLUS CORE ADAPTERS

- Greenplum 3.3
- Hadoop/Hive
- HP Neoview 2.3, 2.4
- IBM DB2 8, 9
- Informix 9.4
- MS Access
- MS Excel
- MS SQL Server 2000, 2005, 2008
- MySQL 4.1, 5.0
- Netezza NPS 4.0, 4.5, 4.6, 5.0, 6.0
- Oracle 9i, 10g, 11g, 11g Type 2, RAC
- Sybase 12.5, 15
- Sybase IQ 15
- Teradata 2 r6.2, 12, 13

PLATFORMS

- Server
 - IBM AIX 5.3x
 - HP-UX B 11.11x
 - Red Hat Enterprise Linux AS 3 32bit, 4x, 5x, 6x
 - Sun Solaris 9x
 - SUSE Linux Enterprise Server 9.3 32bit, 10x, 11x
 - Microsoft Windows 2000, 2003, 2008, Vista Business Edition, XP, Win 7
- Client for Studio
 - Microsoft Windows 2000, 2003, XP, Vista, 2008, Win 7
- 32-bit, 64-bit JVM

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