

DATA SHEET

Pitney Bowes Spectrum™

Enterprise Data Integration Solution

COMPOSITE APPLICATION DATA SERVICES™ FOR SAP®



Features & Benefits

Data Services for SAP offer the following advantages:

- 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
- 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 – Enforces 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

OVERVIEW

Composite Application Data Services™ for SAP enable instant access to SAP and deliver its content as pre-built, reusable data services. Data Services for SAP allow enterprises to quickly and easily implement a service-oriented architecture (SOA), providing companies with the agility to build IT solutions that support dynamic business needs.

SAP data is invaluable not only within the system, but also in the larger context of your enterprise. For example, by combining material management data from SAP with inventory data from a supply-chain management system, you can get a high-level view of the logistics process – helping you make 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.

Data Services unlock SAP data and deliver it as standards-based Web services or SQL. Data Services for SAP deliver high-level abstracts of the most common business objects, such as Orders, Materials, and Customers. This enables SOA-compliant applications, as well as traditional front-end applications such as a reporting tool, to consume the content, providing users with the visibility they need to effectively run their businesses. *(Sample list of SAP services on next page.)*

Immediate Impact on a Wide Range of Projects

- **SOA Data Services** – Enterprises need to get SOA up and running quickly. Data Services for SAP deliver pre-built services, providing out-of-the-box content in the form of standards-based Web services, accelerating your path towards SOA.
- **Single-View Projects** – On-demand aggregation of operational and historical data about a business object, such as a customer, across SAP and other data sources improve visibility for front-line workers.
- **Data Integration** – Data Services for SAP are read/write, enabling easy insert and update of key data, with all application business rules enforced, without a big infrastructure effort. Access, combine, and deliver information from disparate data sources, including SAP, Oracle EBS, Siebel and Salesforce.com.
- **Operational Business Intelligence** – Use Data Services for SAP to power business intelligence, portal, and dashboard initiatives. On-demand information from SAP enables better management visibility and day-to-day business decisions.

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PITNEY BOWES BUSINESS INSIGHT

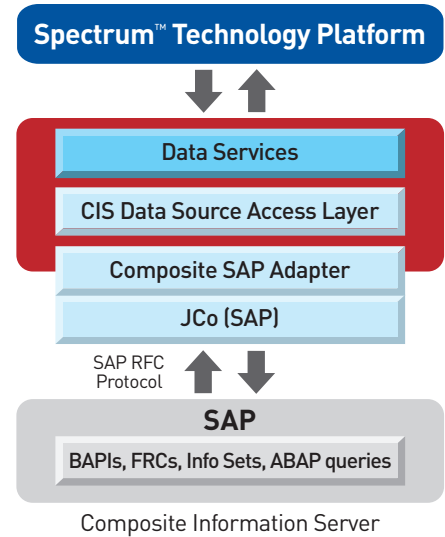
With the industry's most comprehensive set of solutions for maximizing the value of customer data, Pitney Bowes Business Insight helps organizations more effectively locate, connect with and communicate to their customers in today's global markets.



Data Services for Salesforce.com

The Composite architecture allows you to query and combine common SAP data structures using certified interfaces. The complexities of the SAP APIs are resolved by the Composite SAP adapter, allowing you to transparently access both the data and metadata in a relational format. Then the Composite Information Server allows you to publish the SAP content to Spectrum.

For more information, call us today
at 800-327-8627 or visit www.pbinsight.com.



SAMPLE LISTS: SAP DATA SERVICES

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

Composite Application Data Services:

Application Sources

- SAP 4.6, 4.7, 5.0

Other Data Services

- Salesforce.com
- Siebel eBusiness Applications 7.x
- Oracle E-Business Suite 11.5.8, 11.5.9, 11.5.10

Composite Information Server:

Software Requirements

- Composite Information Server 3.5 or higher

Access Interfaces

- SOAP 1.1, JDBC 2.0, ODBC 2.x

Standards

- JDK 1.4, J2EE 1.3, JAAS, JNDI
- WSDL 1.1, SOAP 1.1, XSLT 1.0, XML Schema 1.0, SAX and DOM
- SQL 99
- Unicode support

Server Platforms

- Microsoft Windows 2000, 2003, XP
- SUN OS 5.8 / Solaris 8 or higher
- LINUX RedHat Enterprise Release 3
- IBM AIX 5.2, 5200-04
- HP-UX 11.11, B.11.11.0412.5 Gold Base11i

Client Platform

- Windows 2000 and XP