

# Composite PerformancePlus Data Adapter for SAP BW



## ADVANTAGES

The Composite PerformancePlus Data Adapter for SAP BW uses approved interfaces and MDX functions to access data from SAP BW:

- **Certified access through OLAP-BAPI** - Exposes metadata such as reference key information and field descriptions.
- **Access to all main structures:**
  - Info Cubes
  - Info Providers
  - Multi Providers
  - BEx Queries (Query Cubes)
- **Access to BW ODS** - Exposes data from Operational Data Store (ODS) and Data Service Objects (DSO) objects which are the building blocks of Cubes. Delivers near real-time data from these intermediate sources as needed.
- **Non-invasive integration** - No transports to install, no modifications to your SAP BW instance. No coding is required to introspect and retrieve data from BW; design data models and cubes with an easy-to-use graphical environment.
- **Support of SAP BW Security Model** - Enforce user authentication and visibility rules as defined in SAP, retaining business logic configured in your SAP BW instance.
- **Multi-version compatibility** - Ability to use data from multiple instances and versions of SAP BW (BW 3.5 and BI 7.0.)
- **Supports BI Accelerator (BIA)** - BI Accelerator improves query performance through caching of Info Cubes.

The Composite PerformancePlus Data Adapter™ for SAP BW allows IT to quickly and easily leverage SAP BW data across a wide range of consumers including Business Intelligence (BI), Dashboards, Analytics, 360o View projects and more. Used with the Composite Information Server, the adapter enables specialized access to SAP BW and delivers its content as standards-based data services.

Integrating data from SAP BW with other applications increases your SAP ROI. For example, business users typically need to extract historical data from SAP BW and combine it with real-time data from operational systems to get a true 360o View of a customer. However, getting data out of SAP BW is not a simple task due its proprietary nature.

Adhering to SAP specifications and validation rules, the adapter surfaces BW data as SQL-based views or XML-based Web services. The adapter also delivers high-level abstracts of BW structures, including Info Cubes, Info Providers, Multi Providers, BEx Queries, as well as ODSs and DSOs. This enables a variety of front-end applications to consume the content, providing users with the insight and visibility needed to effectively run their businesses.

## PERFORMANCE DIFFERERECE

The Composite PerformancePlus Data Adapter for SAP BW 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 Data Adapters also provide:

- **Certified Vendor-Specific Connectivity API (i.e. BAPI)** – Access proprietary SAP BW data using SAP-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.