

# Board Connector for SAP

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Harnessing data from SAP ERP is a notoriously difficult and sometimes a very expensive activity. Board offers a dedicated connector for SAP environments to streamline this process.

Easily installable and configurable, the Board Connector for SAP allows mapping SAP data into Board databases without writing an ABAP program for data extraction.

A user-friendly graphical interface makes it easy to implement data flows to extract and load data into Board in a safe and secure manner, all with high performance and stability.

The Board Connector for SAP interoperates with all varieties of SAP systems like ERP, ECC, BW and S/4 HANA, by means of 8 specialized components.

## SAP® Certified - Integration with SAP NetWeaver®



### Tables and Table Join

This method allows you to extract mass data directly from SAP tables. To optimize the network load, only those columns that have been explicitly selected are extracted.



### Queries

This component makes SAP queries directly available in Board.



### BAPIs and function modules

Using the Xtract BAPI component, you can call BAPIs or RFC Function Modules directly from Board Data Readers.



### OHS (Open Hub Services)

This component allows automatic extraction processes to be created, including to different SAP objects (not only cubes, but InfoObjects, ODS objects, texts, etc.).



### Reports

Use existing ABAP reports as data sources within the Board Data Reader, making it possible to reuse existing logic. This technique is often used in the area of FI/CO reporting.



### BW-Cubes & Queries

This component extracts datasets from SAP BW InfoCubes. Dimensions, key figures and attributes can be transferred by a simple drag and drop into the query output.



### Hierarchies

This method allows users to extract any hierarchy type from SAP BW. If required, hierarchy texts can be extracted as well.



### DeltaQ

The DeltaQ component uses the SAP ERP Extractor API (the functionality that SAP BW relies on to get its data from the live system), making information immediately available – without the need to understand and work on the underlying table structure.

# How it works

The Board Connector for SAP is a middleware component to extract data from SAP systems and load it into Board. It has two components: Designer and Server. The Designer allows a system administrator to design and configure the extractions of SAP objects such as tables, views, queries, BW Info Cubes, BAPI function modules etc. The Server Component executes the extractions from SAP and passes it to Board.

More specifically, the process can be split into these steps:

## 1 Extractions creation

The system administrator uses the Board Connector Designer to define a catalog of SAP extractions (tables, queries, ABAP programs) that can be exposed to Board in the Xtracts library. The Board Connector connects to SAP through SAP's standard RFC protocol.

## 2 Data Reader configuration

The System administrator maps the available extractions to Board databases. Board Data Reader triggers extractions on the Board Connector through standard http calls.

## 3 Extractor Execution

Board Connector for SAP sends multiple RFC function calls to SAP and passes the result set to Board.

## A selection of our Customers who use the Board Connector for SAP



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