

SAP BW/4HANA Implementation Service

Fast System Implementation is Realized by In-memory DB Optimized Design Template and Cloud Computing

SAP BW/4HANA Template is a solution developed for upgrading SAP BW (Business Information Warehouse) or migrating SAP BW to SAP HANA®, or for companies which plan to implement SAP BW4/HANA for the first time.

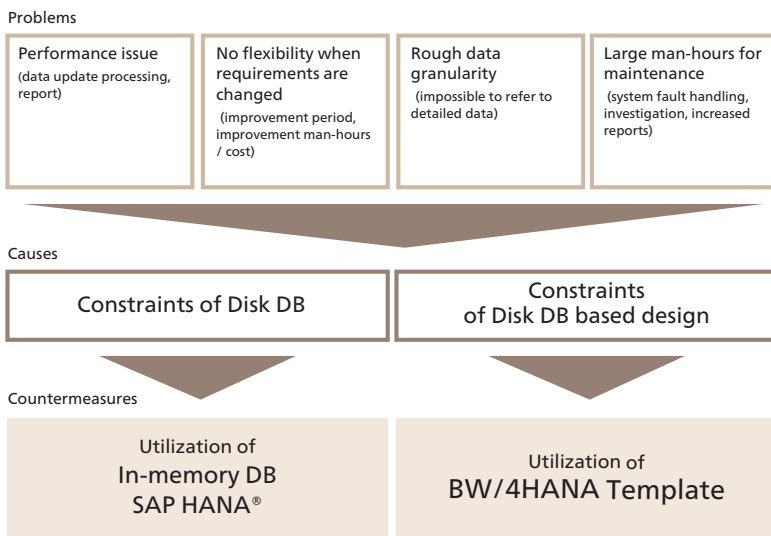
By utilizing this template, ABeam Consulting realizes advanced data analysis in short time and at low cost to support companies to further increase their BI capabilities.

Break Off from Conventional BI Constraints

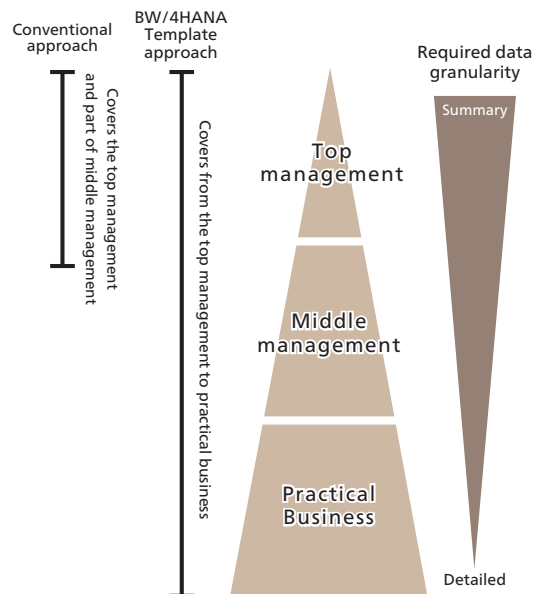
In the past, BI was implemented by analysis requirements for users above middle management, and as for the data granularity, performance requirements were satisfied by summarizing of data. For this reason, there was no flexibility to add new analysis items, change analysis items or drill down to obtain detailed data, which made system improvement costs more expensive.

On the other hand, SAP BW/4HANA Template, which is a combination of 1.Extraction function of SAP ERP’s standard transaction data and 2.Pre-defined SAP BW/4HANA based backend and frontend templates, allow advanced analysis as well as change requests from users flexibly. Therefore, the design is to retain detailed data in a simple manner to address the changes of user needs speedily and flexibly, so that analysis requirements can be more sophisticated. It makes possible to satisfy the data granularity required by practical business users as well.

Issues and countermeasures of BW and BI



Analysis data granularity and coverage



Advantages of Using the Template Approach

By utilizing the template and cloud computing, fast implementation of SAP BW/4HANA is possible.

Also in the cases where it is difficult to sort out existing reports associated with occasions such as upgrading SAP BW or where reduction of maintenance and improvement costs of existing BW is desired, by utilizing the template, porting reports one by one according to the frequency of use without affecting existing BW / business operations is possible.

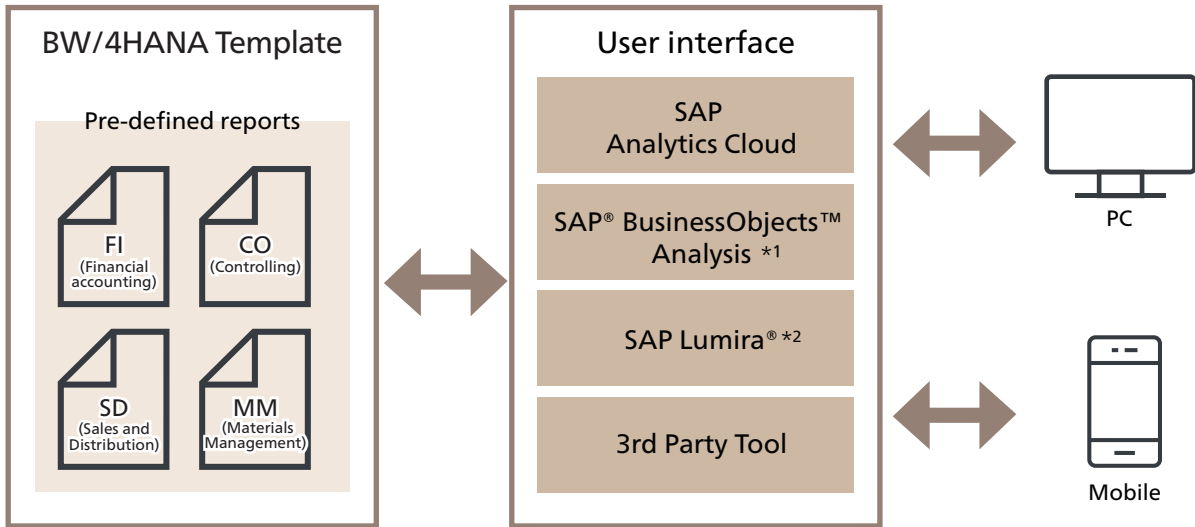
By utilizing pre-defined reports, fast implementation of SAP BW/4HANA is realized

Simple BW design by making best use of advantageous effect of In-memory DB

Realizing implementation of SAP BW/4HANA while sorting out existing reports

Construction of Highly Flexible BI

With BW/4HANA Template, since reports for main transaction data are pre-defined, main reports can be used immediately. Also, by combining with optimal user interface, high speed searching of a large quantity of data and construction of highly flexible BI are possible.

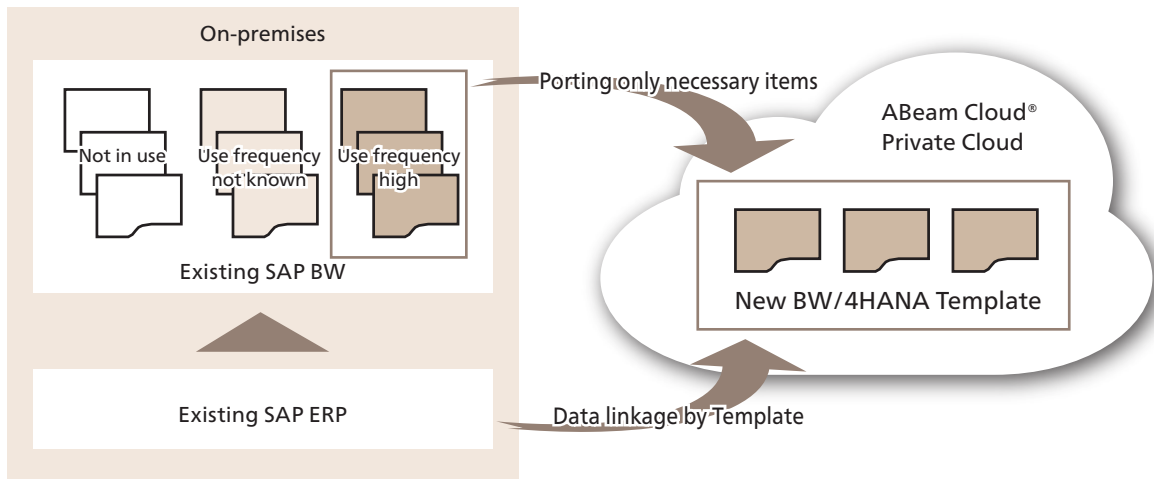


*1 When analyzing data, this tool enables a series of process from data acquisition, processing, forming, visualization to data sharing by cloud computing
 *2 BI solution which enables to increase not only individual business efficiency but also productivity on a company scale

Available Environments for BW/4HANA Template

BW/4HANA Template supports both cloud computing environment and on-premises environment. In the case of cloud computing environment, the SAP BW/4HANA environment is constructed while running the existing BI environment. This allows porting of high priority reports and reduction of unused reports while suppressing initial cost. When a company considers it important to manage servers by themselves, or in the case where SAP HANA® servers have been already purchased, on-premises implementation is also possible.

Implementation image in cloud computing



Advantages of using cloud computing

No influence on existing BI

- Since there is no upgrade of existing BW, there is no impact on ongoing operations
- Phased utilization of BW/4HANA is possible

Implementation of SAP BW/4HANA while sorting out existing reports can be realized

- In the case where there are a lot of unused reports, due to long-term use of existing BW, sorting out reports can be realized by porting reports one by one according to the necessity to BW/4HANA Template.

Withdraw from projects can be easy

- When it is determined that there will be no advantageous effect, a project can be stopped easily