

Why a change to SAP BW/4HANA is worth it

SAP BW/4HANA – future-proof on-premise data warehousing

What is SAP BW/4HANA?

BW/4HANA is the latest generation of the classic SAP BW and is based completely on HANA technology. The business warehouse follows the single-point-of-truth approach and is thus the central starting point for enterprise reporting. Data from heterogeneous internal and external sources can be harmonized, consolidated, and archived. The SAP Business Warehouse offers comprehensive options for complex data modeling and for connecting various SAP and non-SAP data sources. The business warehouse thus offers companies a harmonized view of all business areas and enables the comparison of data from different sources. In addition, historical data in the business warehouse provides a solid basis for business planning.

For whom is BW/4HANA suitable?

SAP BW/4HANA is of interest to all companies that want to build up a central system as the basis for strategic reporting and planning, and thereby draw their data from various SAP and non-SAP systems. Customers with existing BW solutions benefit from various improvements

and guarantee the maintenance of their developments.

Benefits

Compared to previous SAP Business Warehouse versions, SAP BW/4HANA offers several new features and benefits. The number of object types has been cleaned up and reduced to the HANA optimized InfoProvider and source system types. Thus, they not only exploit the full performance potential of SAP HANA's in-memory technology, but also simplify the formation of complex data models.

The introduction of new objects also lays the foundation for the future of data warehousing, because persistence can be reduced and replaced by new virtual layers. This not only saves storage space costs and reduces the effort required for projects, it also increases flexibility and speed in modeling.

This development is also being spurred on by the introduction of new concepts, such as field-based modeling.



Simplification & Flexibility



Virtualization



Performance



Connectivity



Modern UI

This facilitates the rapid implementation and testing of new use cases without having to model a large number of info objects. SAP BW/4HANA also offers the option of accessing source data in real time via remote connections and using it for reporting purposes.

The modeling of data flows is now done exclusively in modern Eclipse-based interfaces. Data management and administrative tasks are carried out in the web-based BW Cockpit. BW/4HANA is also SAP's strategic tool for on-premise data warehousing. In the current SAP road map, maintenance is guaranteed until 2040 and the solution will be enhanced with regular releases.

Migration paths

There are different approaches for converting an existing SAP Business Warehouse solution to SAP BW/4HANA.

The different approaches all have their respective strengths and weaknesses. The most appropriate approach is therefore chosen for each company after thorough

consideration of individual requirements and special features. Important factors include the version of the current solution and existing business and reporting requirements, as well as time and cost factors. In addition, the company's system environment has to be considered as a whole. If, for example, the migration of the existing ERP system to an SAP S/4HANA system is imminent, this should be included in the decision. Another point is the handling of legacy systems. Especially with long-standing SAP BW solutions, the update to BW/4HANA can provide a starting point for questioning existing data models and deleting data that is no longer required.

Conclusion

SAP BW/4HANA is a high-performance and agile on-premise data warehousing solution. Whether SAP BW/4HANA is the right business warehouse for you depends on many factors. It's also important to choose the migration path that is most appropriate for your company. It's worth it!

What we can offer you

We are experts in data warehousing, migration and analytics. We support you from the first contact with the new technologies, through requirements analysis and conception, to the implementation of your individual data architecture.

We will be happy to answer all of your questions and advise you as to how you can reap the greatest benefit from your data!



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