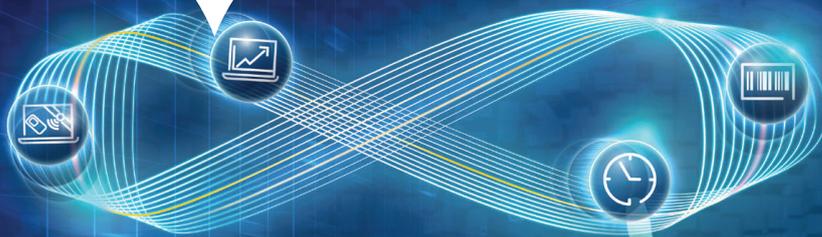


Industrialized migration of SAP NetWeaver Business Warehouse to SAP HANA



Speeding you to
business value

“ *We expect the migration will provide customers with access to modern analytic capabilities in a non-disruptive manner. We commend Capgemini on its Industrialized Migration solution, through which we anticipate our joint customers can take advantage of these migration capabilities its intended technical and business benefits.”*

Vijay Vijayasankar,
Global Vice President, Technology
and Innovation Platform, SAP

SAP HANA™ has come to be recognized as a major force for supercharging the IT landscape by harnessing the power of in-memory technology to speed processing, analytics, and transactions to real-time. As a result, SAP HANA can also simplify existing, complex landscapes, bringing in lean methodology and helping transform business processes. And when it comes to data warehousing, the shift to SAP NetWeaver Business Warehouse (BW) on SAP HANA can drive dramatically superior performance. This shift opens the door to greater agility, better reporting and data loading performance, data layer simplification, reduced data storage requirements, lower maintenance effort, and an optimal framework for SAP and non-SAP data integration to consolidate data warehouses. What's more, there's the potential to do all of this without risking business continuity or squeezing IT budgets.

That's because now, for organizations running SAP NetWeaver BW from SAP, Capgemini's Industrialized Migration Solution for SAP BW on SAP HANA accelerates you to the power of SAP HANA with a number of delivery options. Designed to minimize risk and cost, our industrialized approach speeds your business to the most powerful data warehousing solution you've ever experienced.

SAP BW on SAP HANA: Exceptional results

We have already seen exceptional results for customers who have moved to SAP BW on SAP HANA, including:

- **160-180X** times faster query response time
- **60X** times faster report refresh rate
- **5-10X** faster data loading performance compared with SAP BW running on RDBMS
- In some scenarios, **~100X** reduction in data warehouse remodeling for dramatic shift IT management effort
- Potential 'run' cost saving of **40%-60%**, year over year
- Estimated **20X** reduction in regular SAP BW backend administration and maintenance (not including basis & infrastructure)

Business at the speed of real-time

Businesses must now be more responsive than ever before if they are to seize competitive advantage and lock down operational efficiency. This requires a shift of gear, to real time. Data is at the heart of this challenge, with increasing volumes to house, manage, and process. Yet faced with slow load times and performance bottlenecks across loading, reporting and analysis, the need for frequent duplication, and often-significant total cost of ownership, real-time business simply is not the reality for many.

SAP launched SAP BW on SAP HANA to tackle precisely this challenge by applying the in-memory power of SAP HANA to one of the most critical of business areas—data warehousing.

Already, the results seen by businesses adopting SAP BW on SAP HANA—more than 200 per month since launch in 2012 and growing¹—have been impressive². Faster load times, improved query performance, reduction in database sizes, simplification of data layering, and improved new developments in productivity are just some of those results. These benefits make the case clearly for migration to SAP BW on SAP HANA, especially when you consider them in combination with the new features and functions available in an SAP BW on HANA environment and the relatively lower cost entry point to other SAP HANA scenarios. To feel those benefits fast, a swift yet solid migration approach is needed.

Industrialized Migration Solution for SAP BW on SAP HANA with Capgemini

Regardless of your starting point—whether you're an existing SAP BW user or you're working with a non-SAP solution—Capgemini is able to analyze, quantify, and deliver your SAP BW on SAP HANA migration in a way that promotes certainty, mitigates inherent risk, and delivers value. We do this through our flexible, accelerated Industrialized Migration Solution. By building on Capgemini's extensive experience with SAP HANA platform solutions and with SAP BW, we have been able to create a proven migration offering that encompasses highly effective tools, processes, accelerators, and expertise – for results you can count on.

As part of an industrialized approach, Capgemini has developed a host of tested accelerators, which can be deployed within the migration process and speed you to value, sooner. Accelerators include:

- Known Error Database
- Sample Project Plan
- Status Reporting Template
- ROI Calculator
- Effort Estimation
- Dynamic Estimation
- Post Copy Automation Technique
- Application Testing Package
- Analysis Authorization Rollout Kit



¹ <http://www.saphana.com/docs/DOC-1522>

² <http://www.saphana.com/docs/DOC-3943>



Less pain, more gain

Despite the obvious gains to be made, the migration of any database can be disruptive and full of potential challenges. That's why we've blended our extensive SAP BW experience with our SAP HANA-specific expertise and leveraged our global Center of Excellence distributed delivery model, which allows you benefit from our onshore and offshore capability, according to your needs. Our priority lies firmly in minimizing risk and disruption to the business during such a shift, and every element of our Industrialized Migration Solution is designed to ensure this.

Capgemini's Industrialized Migration to SAP BW on SAP HANA is:

- **Fast:** By employing Capgemini's 'Industrialized BI-D&T' migration framework, tested methodologies, and proprietary accelerators, we are able to lower the migration time by up to 60%, compared to traditional approaches.
- **Flexible:** With our global Center of Excellence Delivery Model, you benefit from the best of our 250+ qualified SAP HANA experts, both onshore and offshore.
- **Cost Effective:** Capgemini's OnePath offering bundles SAP licenses with Capgemini services and can be provided as an OPEX model, allowing you to take advantage of the benefits of an SAP environment without traditional upfront capital expenditure.
- **Forward Thinking:** We help you prepare business, functional, and end users for migration and beyond. We add value by keeping your user community up to date with plans, upgrade newsletters, training, and desktop software updates.
- **Pragmatic:** Using our Strategic Value Assessment (SVA) approach, we can help you choose the right version and solution integration framework, covering hardware, software, licenses, and network assessment for SAP HANA adoption.
- **Rigorous:** As leaders in testing, we prioritize testing, with comprehensive test cases and 3rd party interfaces, both before and after migration.
- **Risk-minimized:** Our approach includes pre-emptive drills, emulating a realistic upgrade using a fresh copy of your production systems, interfaces, and access.

Making value a priority

Capgemini's Industrialized Migration Solution not only minimizes risk, but prioritizes business value, ensuring that a migration to SAP BW on SAP HANA adds value beyond the IT infrastructure. We do this in various ways:

- Our **Strategic Value Assessment** approach helps eliminate transition risk by leveraging our **Operational Readiness** offering, allowing you to shape a tactical strategy that provides the quantitative basis for the migration, and lowering the migration cost through bundled offers.
- We offer the opportunity to **'test drive'** SAP BW on SAP HANA in Capgemini's own hosted environment, which allows you to **prove ROI** by running a proof of concept in our CUBE Lab as a first step. Once proven, we can port the solution to your chosen datacenter.
- We offer optional 'bolt ons' such as datacenter migration support and outsourcing integration, which assure and add value to the overall service.

As a result, the migration of SAP BW to HANA with Capgemini is de-risked, accelerated, and certain—with opportunities for delivering value, assured.

Capgemini and SAP HANA: World-class partners

Capgemini is a leading partner for SAP in delivering value-adding in-memory technology solutions to clients in multiple sectors and geographies. In fact, we were the selected partner for the first ever SAP HANA delivery, and have been closely aligned with this disruptive, transformational technology ever since, working with SAP directly to co-innovate new solutions that leverage SAP HANA. What's more, our commitment to working with SAP extends to innovation and development. Capgemini has established three major SAP HANA Centers of Excellence (CoE), which draw upon our strength in Business Information Management (BIM). Here, we are able to build demos, run proof of concepts, and deliver training. These are just some of the reasons why we received the 2014 SAP Pinnacle Award for SAP HANA Adoption Partner of the Year.

Are you ready for real-time data?

In any transformation journey, choosing the right migration partner is crucial. Capgemini offers unparalleled flexibility and assurance through our Industrialized Migration Solution, and can take your data warehousing from as-is to supercharged in a matter of weeks, all within a risk-mitigated approach.

Are you ready to reap the rewards of real-time business? To find out more about your first steps to evolving your data warehouse landscape with SAP HANA, contact us to arrange a discussion with our SAP HANA experts.

For further information please contact:

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About Capgemini

With more than 130,000 people in over 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2013 global revenues of EUR 10.1 billion.

Together with its clients, Capgemini creates and delivers business and technology solutions that fit their needs and drive the results they want. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

Learn more about us at
www.capgemini.com