DCHiPS on SAP HANA®
Extend the impact
For technology companies, data is often the lifeblood of their organizations—a fact that should come as no surprise, given the intense competition they face, unrelenting margin and cost pressure, shrinking product life cycles, and rapidly evolving supply chains. Given those challenges, it may seem that one of the most direct ways to gain the competitive edge is to master the growing mountain of data available to them, to make smarter, more informed decisions at a moment’s notice.

In search of a solution, many organizations have turned to SAP HANA. The offering provides the ability to analyze large amounts of data rapidly, using in-memory technology to access and analyze transactional and analytical data without impacting existing applications or systems. The approach, in turn, can improve planning, forecasting, management, and processes, allowing you to use real-time information to react more quickly to changing sales conditions. With this capability, you can use complex modeling scenarios to analyze large volumes of integrated data (SAP® data or non-SAP data) and then apply the results to improve decision support and operational analysis.

Deloitte’s DCHiPS on SAP HANA offering can help your organization deploy HANA in a much more responsive and agile manner.
DCHIPS on SAP HANA

Deloitte’s integrated solution of DCHIPS on SAP HANA draws together two powerful information resources, making it possible to take advantage of in-memory analytics capabilities. Key advantages of the DCHiPs on SAP HANA approach include:

- A **data model** that synchronizes real-time information to give you complete, granular visibility as well as total operational control and improved financial compliance.

- An ability to **collaborate more closely with value-chain partners** to support innovation and help to reduce and mitigate risk/cost during the development, production, and sales cycles—as well as during after-sales cycles.

- The potential to adopt **ready-to-use reports and dashboards**—with minimal enhancements, with real-time data query capabilities, and with configurable automated ETL capabilities.

- **Increased sales effectiveness** with preconfigured, user-driven analytics and reporting models.
Potential bottom-line benefits

Better business

Users can combine information on operational performance with business context to improve decision making and can:

- Improve adherence to schedules.
- Enable more efficient allocation of capital.
- Increase the quality level of products and services.
- Enhance customer satisfaction.

Heightened efficiency

DCHiPs on SAP HANA users stand to improve their ability to monitor and increase the effectiveness of distribution processes. And those improvements bring with them the opportunity to improve supply-chain performance. Meanwhile, users can combine transactions and analytics on a single in-memory platform, which means:

- Simplifying IT requirements.
- Improving operational efficiency.
- Lowering the total cost of ownership (TCO).
Where it matters

Users can develop an “insight-to-action” approach that brings with it agility, responsiveness, and enhanced decision making that can tap massive data to unlock new revenue opportunities. Here are a few areas in which Deloitte can help you achieve your goals on a real-time platform:

Material requirements planning (MRP) in real time

Using DCHiPS on SAP HANA can improve the efficiency of a MRP planning run by reducing futile aggregations and long batch-run times. These improvements can enable a planner to have direct access to the latest data in real time, allowing for quick and meaningful insights—and immediate action. MRP in real time introduces new capabilities, such as the ability to view an inventory position across multiple plants or storage locations or to use real-time analytics to determine component requirements. A DCHiPS on SAP HANA user can review material positions to prevent or address material shortages before they happen. And Deloitte’s solution can provide real-time visibility when integrating and processing information from disparate systems.

Sales & operations planning (S&OP) driven by insight

Short product life cycles, changing value-chain relationships, and high demand volatility require a sturdy S&OP planning solution. DCHiPS on SAP HANA helps address those challenges by allowing them to explore deeply into data, at a granular level, using real-time customizable analytics. A few key capabilities include:

- Scenario comparisons.
- Convenient simulation options for impact analysis on financial and planning decisions.
- Depth of insight.
- Simplified data load and integration from multiple systems.
- Real-time alert management.

Bringing DCHiPS on SAP HANA into the realm of S&OP can help add more value to the data by tapping multiple sources, such as:

- Demand data from marketing departments.
- Sales-pipeline forecasts from sales departments.
- Capacity and inventory data from operational departments.
- Procurement data from suppliers.
- Delivery data from logistics providers.
- Financial data from accounts receivables/accounts payable and other units.
Profitability analysis in real time

Users of DCHiPS on SAP HANA can get near-real-time profitability analysis capabilities. Using this approach, users could create a better picture of factors that affect cost and profit while gaining in-depth insights from enormous volumes of profitability data. Teams could perform real-time profitability reporting on multidimension data volumes and gain instant, self-governed access to credible profitability information. And it could happen on the fly, at virtually any level of detail. Fundamental features of the DCHIPS on SAP HANA offering also help users tap multisource information to perform other complex real-time analyses, such as:

- Price-band analyses.
- Classification of margin leakages.
- Simulations to analyze discounts, surcharges, and royalties.
If you’re looking for a way to further extend the power of SAP HANA in your technology organization, we can help. Deloitte has extensive, hands-on experience with DCHiPS on HANA ranging from strategy to implementation, and we stand ready to help you.

For more information, please contact:

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