Deloitte Exponential
Supply Chain (DESC)
Powered by SAP® S/4HANA
Enterprise Management

A revolutionary approach for evolving business demands
As the numbers of business transactions and points of interaction grow exponentially, keeping pace becomes difficult. Not only is the amount of data growing, but constantly connected customers, employees, and third parties expect that data to come in a useful form—as real-time, actionable, and highly customized information. Many executives and decision-makers also lack the real-time, actionable data they require to make informed decisions.

Today, many organizations fall short of the challenge, especially when processes touch on the supply chain. Some organizations use new solutions to serve up real-time data, but it lacks the value—the actionable insights—that users ultimately need. Others might serve up data rapidly, but not when it's really needed—providing it after the fact, after the moment when it would have had the greatest impact on decision-making. Many organizations also are serving up the information piecemeal, not in a way that gives a user a comprehensive picture that he or she can use for decision-making.

**Heating up with SAP® S/4HANA**

With data and demands for information moving fast, it becomes easy to switch to fire-drill or firefighting mode—responding quickly rather than planning proactively. When it comes to improving how information and insights get delivered throughout supply chain activities, organizations require more of a “fire-sensing” approach, which can help them get ahead of challenges and capture value more effectively.

SAP S/4HANA, SAP’s digital core platform for addressing today’s digital demands and simplifying business, can deliver this business value for supply chain and finance processes and activities. Meanwhile, the simplified, intuitive, and mobile-ready SAP Fiori® user interface—which replaces the classic SAP graphical user interface—helps enhance that value by reducing end-user training needs and helping business processes flow faster and more effectively.

Because SAP S/4HANA represents a significant step-change from SAP ECC, existing SAP customers and all SAP S/4HANA implementations require careful planning and deployment to fully leverage the solution’s capabilities for transforming and improving business.

**It’s all connected**

More points of interaction and more connectivity lead to exponential growth in data. That growth can hinder the ability of supply chain decision-makers to perform their functions in an efficient, proactive manner.
Deloitte Exponential Supply Chain (DESC)

How we can help
Deloitte Exponential Supply Chain (DESC), powered by SAP S/4HANA Enterprise Management, provides a strategic foundation and a set of preconfigured business scenarios that can help your organization develop a vision and evolve fast to meet new business demands.

Focused on business value and giving users the information they need to do their jobs, our DESC solution can help you move away from fire drills and firefighting and move toward fire sensing.

DESC can show you the “art of the possible” for leveraging SAP S/4HANA to help improve your organization’s supply chain execution processes, integrating with other leading SAP solutions such as SAP Integrated Business Planning, SAP Global Trade Services, and SAP Transportation Management. It can help you align processes and technology to deliver actionable insights through SAP Fiori interface and through multiple channels. At the heart of DESC is a set of core capabilities and offerings for effectively deploying the SAP S/4HANA Enterprise Management suite of solutions to help you discover new value in supply chain processes.

Strategic guidance. We provide customized guidance specific to your business and specific to your industry—help that’s based on leading practices and backed by the experience of thousands of Deloitte business and technology professionals working on supply chain challenges around the globe. We start with identifying the value SAP S/4HANA can bring to your business processes and helping you visualize your intended end state through hands-on system demonstrations, accelerated and, agile prototyping, and sprint-based deployment.

Tools for moving fast. Building on the SAP Activate innovation adoption framework, we use the Deloitte Enterprise Value Delivery for Agile approach to guide your finance and supply chain transformation. To jump-start your deployment, we use our DESC system to accelerate visioning and on-premises installation.

SAP S/4HANA alignment. Our long-standing experience with SAP—though a global services partnership and through ongoing co-innovation efforts—means we deeply understand where SAP® solutions are going. As recipient of the 2016 SAP® Pinnacle Award for SAP S/4HANA Adoption Partner of the Year, we understand how to unlock the solution’s simplicity and align it to your business goals. We’re an SAP value-added reseller of software licenses and an SAP implementation partner. We also specialize in application management services for the SAP environment, and we understand how solutions such as SAP Ariba® can work in harmony with SAP S/4HANA capabilities.

Potential bottom-line benefits
With Deloitte Exponential Supply Chain and SAP S/4HANA, your organization can begin to make strides toward noticeable value. Here are some results you could see with the DESC approach:

• Faster deployment of SAP S/4HANA and supporting solutions to help transform the supply chain
• A more intuitive user interface to support more informed decision-making
• Real-time decision-making based on line-item-level detail rather than aggregated data
• Enhanced efficiency as workers such as production planners, for example, focus only on relevant information and business needs; potential order-entry efficiency improvement as great as 20 percent
• Improved negotiation and purchasing decisions as users act on today’s information rather than the results of last night’s data warehouse synch batch job
• Greater speed of business as transactions enabled by SAP S/4HANA eliminate table locks and drastically reduce transaction processing times
• The ability to simulate actions before committing to them, which can help reduce mistakes and wasted efforts—with a potential 15 percent reduction in overall maintenance costs, for example, thanks to predictive analytics and simulation capabilities
• Real-time inventory capabilities that can help lower inventory carrying costs by as much as 12 percent
• Streamlined processes and predictive analytics that can help reduce manufacturing cycle time by as much as 10 percent

The big idea
Deloitte Exponential Supply Chain, powered by SAP S/4HANA Enterprise Management, can help organizations put in place solutions quickly and help transform decision-making through relevant, real-time, actionable insights.
How to get more value with DESC

**Identify value.** Quantify the value you expect to receive from your SAP S/4HANA-driven transformation.

**Accelerate value delivery.** Leverage Deloitte accelerators and agile delivery methods to prototype, implement, and deploy the solution.

**Measure results.** Using Deloitte’s Enterprise Value Map, tie improvements back to the business case and increase in shareholder value.

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**Let’s talk**
Keeping up with the exponential evolution in data and processes involved in the supply chain requires a strategy. More than that, it requires understanding what’s possible with SAP S/4HANA and building a vision of the business you want your organization to become. Ready to see where you can go with Deloitte Exponential Supply Chain? We should talk. Contact us to get the conversation started.

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