

An aerial photograph of a large, curling blue wave in the ocean. The water is a vibrant blue, and the wave's crest is white with foam. The sky is a clear, light blue. In the bottom right corner, a small strip of green land with trees is visible.

Deloitte.

SAP S/4 HANA
Enterprise Management
The next big wave
of SAP innovation

SAP S/4 HANA Enterprise Management is announced as the next big wave of SAP innovation aimed at greater simplicity. S/4 HANA Logistics is in the front line to get available. Trends such as the Internet of Things or Big Data are key drivers of this development. SAP describes the key changes as business models, processes, and decisions reimagined.

“The introduction of simple and non-hierarchical table structures is the real innovation”.

Deloitte as a Global Partner of SAP was involved at an early stage in the development of HANA and is establishing a world-class delivery and innovation capability around it. Numerous S/4 HANA projects are running and have already been implemented with our support. We believe so much in it that we implemented S/4 in our own firm.

You have heard about the new SAP S/4 HANA Enterprise Management product offering and you probably have initial questions about it. We would like to provide a technical view of the new offering below.

Answers to questions frequently asked

1. Question: What is new with S/4 HANA?

Answer: The key innovations of SAP S/4 HANA are a simplified data model with new table structures (ACDOCA, MATDOC) in order to simplify the transactional data structure in the database, a new user experience enabled by SAP Fiori, and a guided configuration to be able to tailor the pre-configured processes.

Deloitte Statement: The introduction of simple and non-hierarchical table structures is the real innovation. This allows fast and dynamic analytics and a tremendous increase in transactional data throughput.

2. Q: What is SAP Fiori? Is it mandatory for SAP S/4 HANA Enterprise Management and does it fully replace SAP GUI?

A: SAP Fiori stands for a collection of apps that allow a new personalized and role-based user experience for the most frequently used functions of the SAP Business Suite. Fiori is designed for several devices such as PC, Tablet or Smartphone and enables a quick and intuitive handling of routine tasks. However, a customer using the SAP S/4HANA Enterprise Management on-premise edition can still use the traditional user interfaces.

D: SAP Fiori allows dual UI use and therefore the transition is simple. Users can still use the well-known SAP-GUI and leverage the great functionality where available.

Your users will love it.

3. Q: We are doing a Carve out and have decided to start green-field. Do you recommend starting with SAP S/4 HANA Enterprise Management?

A: Yes, invest your budget in the new S/4 system. Keep in mind that in 2025 support for the current ECC 6.0 will end.

D: We took part in the S/4 tests and saw a very stable application.

4. Q: How about the hardware costs of the required new in-memory hardware for S/4 HANA Enterprise Management?

A: The data footprint due to HANA database functions such as row and column store, the avoidance of indexes, aggregates, and redundancies as well as hot and cold storage reduces the size of your database dramatically. Therefore your database size will shrink and hardware costs can be reduced.

D: We have seen hardware costs coming down in recent months. SAP, hardware manufacturers, and Deloitte have learned from implementations that are already running. Please contact us with your infrastructure and hardware questions.

5. Q: What are ACDOCA and MATDOC?

A: These are the new unified table structures of SAP S/4 HANA Enterprise Management that allow a massive reduction in the number of tables and enhance the speed for analytical uses. ACDOCA (“Universal Journal”) is a new table introduced with S/4 HANA Finance. It is the central table that contains all accounting and controlling documents. MATDOC is introduced with S/4 HANA Logistics. It is the central table that contains all material documents. As inventory level is calculated “on the fly”, MATDOC also replaces the inventory tables.

D: These two tables are the core of the key innovations for S/4 HANA Enterprise Management. This is completely transparent for the users but it is important to understand the innovation.

6. Q: Do my interfaces and Z-programs still run in S/4 HANA?

A: SAP is very interested in protecting customer investments. Current legacy interfaces are still supported. There is a function called “redirect” which translates requests to legacy tables to the new “simple” tables. Code review is recommended as part of the migration to S/4 HANA Enterprise Management.

D: It might be useful to analyze whether interfaces can be made to perform better by directly accessing the HANA database. The redirect function is a great function which allows custom development still to execute. The regular SPAU/SPDD work is still necessary similar to earlier upgrades. Deloitte has gained vast experience in the move to the new S/4 HANA environment. Talk to us and we can arrange an initial look at your SAP ERP system with regard to the readiness for the move.

HANA enabled “Demand-Driven Supply Chain”

Demand Driven Supply Chain (DDSC) is Deloitte’s integrated view of the end-to-end supply chain and provides the solution to sense, plan, measure, account for, and appropriately respond to the dynamics that modern supply chains require. Practical reasons have limited organizations’ ability to extract all the value from their supply chain. With DDSC solidly integrated by S/4 HANA Logistics, organizations can perform their operations in real time and turn supply chain disruption into a business benefit.

S/4 HANA Logistics is the platform which allows all the supply chain functions and processes to work in concert and it is this orchestration between planning, analytics, and execution that allows supply chains using DDSC to thrive.

Comprehensive ready-to-implement solution

- End-to-End processes that can be packaged to suit clients’ specific needs
- Key accelerators (configuration guides, ARIS-based process flows, test scripts) to jump-start implementation
- Pre-configured solution for CPG and Hi-Tech OEMs with industry specific scenarios
- Leading practices from vast implementation experience are leveraged in process design and configuration

Deloitte’s relationship with SAP

Joint Strategy

- Leader in SAP S/4HANA Finance
- Early implementer of IBP
- Analytics Institute
- HANA inTime accelerator™

S/4HANA Solutions

- Demand-Driven Supply Chain
- SAP S/4HANA Logistics
- Process xRay™
- HANA DB Patent released

Strong Execution

Global alliance with SAP since 1989



SAP Certified
in Application Management Services

SAP Certified
in Cloud Services



The four components of DDSC

Many organizations have invested in one or more of these applications. The key is to have these solutions connected in order to respond to any supply chain disruption.

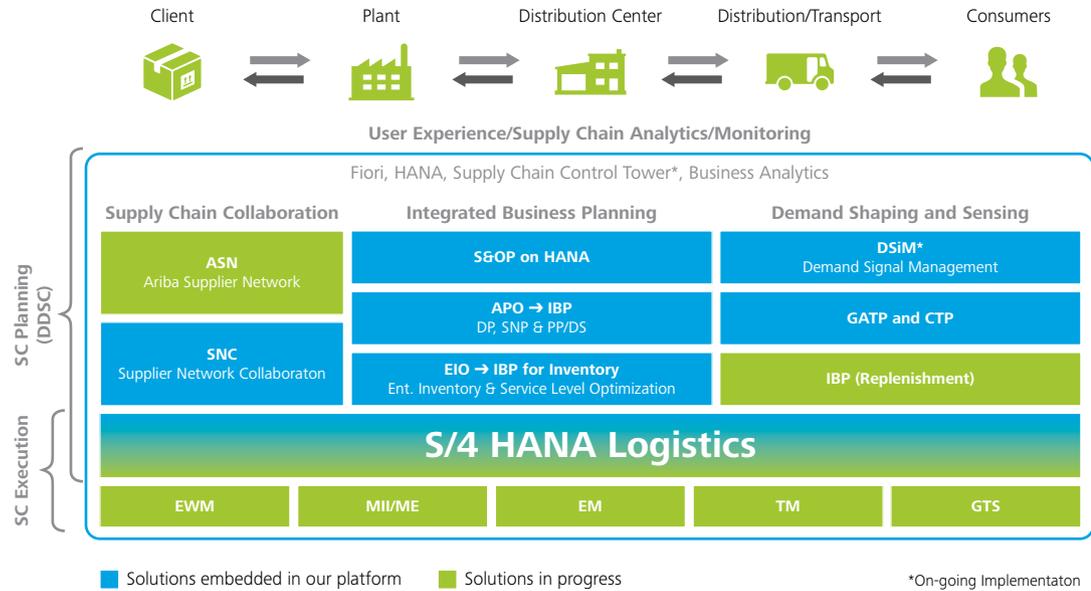
Demand Shaping and Sensing: understand the real customer demand pattern

Integrated Business Planning: coordinated planning between Sales, Marketing, Manufacturing, SCM, Finance

Supply Chain Orchestration: coordination and synchronization of activities across the network (including suppliers)

Extended Supply Chain Analytics/Supply Chain Monitoring: define, measure, and act based on SC KPIs

We have developed a pre-configured DDSC solution leveraging industry our leading practices, and our extensive implementation experience.



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