



Accely
innovative mind. assured solutions.

SAP S/4HANA Migration- EC&O

SAP S/4 HANA DIVERSIFYING OPERATIONS FOR EC&O

INTEGRATE YOUR SAP S/4 HANA TO DIVERSIFY ENGINEERING OPERATIONS TODAY!

SAP S/4HANA is an improved edition, a successor, or one of the most recent SAP ERP features. It is an in-memory database platform hosted in the cloud.

The platform converts the ECC model of SAP to HANA, migrating from on-premises and/or cloud platforms.

Recent analysis state that 75% of the infrastructure projected to exist by 2050, is yet to be a reality presently, making it an opportunity for the construction sector

A Digital core ERP platform like S/4 HANA can analyze and report real-time data, improving operations in the Engineering and Construction Industry.





S/4 HANA IN ACTION

- A large construction firm aimed at developing and delivering sustainable, adaptable, and financially viable building methods for all projects without over-costing. S/4 HANA led to digital transformation, enabling it to grow swiftly. SAP S/4HANA enables clients to design a new business model to help their end-to-end business transactions to impact the entire EC&O market.

This way, the US-based construction company was able to migrate to S/4 HANA to fulfill the vision of transforming the industry

- The client is a multinational French Corporation with more than 70,000 employees worldwide. They operate in 53 countries and produce revenues of around EUR 12.6 billion. They changed their system using S/4 HANA to build a single streamlined platform for sorting prior processes and activities.

With the deployment of SAP Leonardo, this unified S/4 HANA platform has automated most of its activities and improved business efficiency and delivery. Considering the same, SAP S/4 HANA migration helped an international EC&O enterprise on its journey to becoming an Intelligent Enterprise.

- A Qatar-based engineering company committed to constructing a much modern and elegant system. This concept was designed to enhance the company's total profitability. A Cloud-based centralized system solution was supported by SAP S/4 HANA in analyzing its global operations. It presented precise data in real-time to effectively report and forecast projects. This SAP solution helped reduce operating expenses and increase corporate income.

S/4 HANA CHANGING THE PHASE FOR EC&O

- **Improve and expand the next-gen processes with S/4 HANA- the Intelligent ERP:** SAP S/4HANA and innovative technologies are combined as Intelligent ERP to create a more agile and intelligent company. Companies require intelligent ERP to continually expand and improve innovation-based businesses using new technologies, like machine learning, cryptography, and IoT, to realize the new business processes. This journey has already commenced for EC&O industry with the desire for development and early adoption.
- **Embracing Innovative Opportunities:** EC&O enterprises may use intelligent construction methods, technologies, and practices originally seen in the other industrial sector. This construction industrialization provides predictable results and enhances profitability by boosting productivity, minimizing waste and errors, and significantly lowering project risk.

SAP S/4 HANA allows Construction companies to enhance productivity while considerably lowering the productivity gap between other industries.





US-based construction company migrates to S/4 HANA to fulfill the vision of transforming the Industry

CASE STUDY:1

ABOUT CUSTOMER

The client company is a large-scale construction firm in the US that works with sophisticated skills & technology to support some of the industry's most strenuous needs at all stages of construction and design. They aim towards developing and delivering sustainable construction strategies that are flexible and financially feasible for all projects, without incurring excessive cost constraints. They aim at technologically transforming the construction industry – at all processes and all products.

PROJECT HIGHLIGHTS

- End-to-end process integration
- Reduce Project Delivery Cost
- Formulate Strategies to Reduce Project time

THE RESOLUTION

As a capital-intensive company in the United States, the customer innovates in engineering, construction, sustainable energy production, & supply chain in all elements of architecture & building design. They required the correct platform for making major changes. They soon found S/4 HANA and have undergone a digital transformation using SAP technologies which have allowed them to grow swiftly to US\$2 billion enterprises. The customer can now create a new business model, using SAP S/4HANA to assist their end-to-end business operations, which will change its sector.

KEY BENEFITS

- Interactive technology
- Real-time reporting and analysis
- Improved efficiency

TOP BENEFITS

- Savings in building time and costs
- About 30% increase in employee productivity
- Reduction in Project delivery cost

PRE MIGRATION ARCHITECTURE

- Limited Visibility
- Limited access to Company core network
- Limited Project productivity

KEY CHALLENGES

- Shifting the entire database to cloud
- Training and demo

ACHIEVEMENT

- SAP S/4HANA up & running in only 5 months
- The predicted increase of \$2 billion in income in 5 years



SAP S/4 HANA migration helps an international EC&O company on its journey for an Intelligent Enterprise

CASE STUDY:2

ABOUT CUSTOMER

The client is a multinational conglomerate Enterprise based in France that employs more than 70000+ people from around the world. They have their operation present in 53 countries, and altogether it generates about €12.6 billion in revenue. The aim is to quickly monitor the rollout of emerging technologies and promote digitalization and energy revolution, focusing on links, productivity, power generation, and data. They want to establish an intelligent enterprise to achieve their objectives.

PROJECT HIGHLIGHTS

- Improve Revenue
- Set up a unified system
- Improve Infrastructure

THE RESOLUTION

The client has been working on establishing an infrastructure that accommodates upgraded operations and facilities. This huge enterprise was flooded with an excessive amount of data. These were mostly generated through SAP ECC solutions. With S/4 HANA they were able to transform their system and organize the previously clustered operations into one unified platform. This unified S/4 HANA platform upon the implementation of SAP Leonardo was able to automate most of their operations and improve performance and delivery.

KEY BENEFITS

- Easily accessible server
- Improved business service

TOP BENEFITS

- 80-85% automation
- 98% reduced time to create quarterly reports
- 600 hours per month saved in reporting time

PRE MIGRATION ARCHITECTURE

- Insufficient Project management
- Overload of Outsourced data

KEY CHALLENGES

- Lack of technical expertise
- Customization

ACHIEVEMENT

- Operate globally on a unified system
- A globally operated single platform enterprise
- Successfully established as an Intelligent Enterprise



CASE STUDY:3

International Engineering Company uses S/4 HANA to improve Operation Quality and Expand business

ABOUT CUSTOMER

The client is a worldwide leading Engineering service provider based in Qatar and also provides a wide variety of engineering services across several industries with an outstanding presence for the completion of highly assertive projects. The customer wished to successfully boost its profitability. A ERP consultant service soon proposed SAP ERP as the finest option to improve company growth for the customer.

PROJECT HIGHLIGHTS

- Effectively enhance the organization performance
- Track different departments individually

THE RESOLUTION

A Qatar-based engineering firm wishes to build a more innovative and technologically advanced system. This vision was orchestrated to improve the overall profitability of the business. SAP S/4 HANA aided them to set up a cloud-based centralized system solution. It monitors their worldwide operations and provides accurate real-time data to improve project reporting and forecasting. This SAP solution assisted in reducing operational costs and enhance business revenue.

KEY BENEFITS

- Removes problems in the monitoring of several departments
- Report of risk analysis to highlight project risk directly

TOP BENEFITS

- 50% faster and more efficient decision-making
- 15% Cost reductions obtained through cost-effective and resilient cloud solution
- Reporting cost decrease of 10% to 20%

PRE MIGRATION ARCHITECTURE

- Delays and error in project formulation
- Multiple servers for multiple stakeholders

KEY CHALLENGES

- Getting Everybody on-board
- Lack of SAP migration expertise

ACHIEVEMENT

- Improves the productivity of business
- Overall TCO enhancement
- Enhanced profitability from businesses



CONCLUSION

SAP S/4HANA is one of the SAP solutions that drives business cloud acceptance. While decision-making can not easily be made between classic SAP ERP systems, no question S/4HANA is a SAP product important to the management of a company in today's complicated and dramatically changing environment.

SAP S/4HANA is a real-time digital company business suite. It enables IT departments to link to social, corporate and IoT networks. Planning, implementation, forecasting and simulations are carried out "on-the-fly," at the greatest level of granularity, to make every EC&O organization's business more effective and efficient.

OPERATE YOUR BUSINESS WITH EASE!



E 701, Lotus Corporate Park, Ram Mandir Road, Western Express Highway,
Goregaon (E), Mumbai 400063

✉ info@accely.com

🌐 www.accely.com