A longtime SAP partner operating in Russia, EAE-Consult LLC runs the same SAP® solutions it recommends to clients. When it was time to upgrade from the SAP ERP application to a central digital core, SAP S/4HANA® was the clear choice. Completing the conversion and a move to the cloud in-house, EAE-Consult now has streamlined processes, deeper insight, and greater transparency across many lines of business. The experience also brings the expertise to guide customers on their digital transformations.
Completing a Successful Conversion to SAP S/4HANA® in Microsoft Azure Cloud

Before: Challenges and Opportunities
- Disparate financial processes and systems
- Lack of integration between lines of business
- Desire to move to a single, central digital core in the cloud

Why SAP
- Nearly a decade of success with SAP® software systems – internally and for customers
- Cutting-edge capabilities of SAP S/4HANA®
- Standardized, intuitive UI of the SAP Fiori® user experience

After: Value-Driven Results
- Tight integration of financial processes and data across business units
- Faster, more-accurate, and more-detailed reporting and analytics
- Greater transparency and stronger cost, revenue, and profit controls
- Optimized procurement, logistics, and inventory and warehouse management
- 65% cut to IT costs with fewer system-support staff needed (from eight to two FTEs) and faster deployments (from two months to two weeks)
- Automated planning and detailed time tracking to simplify management of highly complex projects
- Expertise to support customer migrations to SAP S/4HANA

“We have one source of truth for all our data, as well as integrated processes across lines of business. We are running better with SAP S/4HANA, and soon our customers will be doing the same.”

Timur Faiziev, Head of SAP Practice, EAE-Consult LLC

EAE-Consult LLC
Moscow, Russia
http://eae-consult.ru (Russian)

Executive overview  Objectives  Solution  Results  Future plans

EAE-Consult LLC
Moscow, Russia
http://eae-consult.ru (Russian)

Industry Professional services

Products and Services Integrated management systems, corporate information systems, and mobile applications; business automation services

Employees 1,100

Featured Solutions SAP S/4HANA and SAP Fiori user experience
Upgrade to the Latest in Cutting-Edge ERP Technology

From Kaliningrad to Kogalym and Usinsk to Volgograd, businesses across five Russian territories count on professional IT solutions and services from EAE-Consult LLC. It specializes in the development, implementation, and support of integrated management systems, corporate information systems, mobile apps, and business automation solutions for a wide array of industries. EAE-Consult is a trusted SAP partner in the region – as well as a longtime user of SAP® software.

To keep operations running smoothly, EAE-Consult ran the SAP ERP application together with various other applications, including DirectumRX for document management and Microsoft WorkPoint for project-employee time planning and tracking.

But SAP ERP had a lot of functionality that EAE-Consult was not taking advantage of, and integration with other systems was not always smooth. Also, recent changes in the company’s structure that consolidated financial management required more-flexible and unified accounting, reporting, and analytics.

To streamline operations and increase flexibility for future growth and development, EAE-Consult knew it was time to upgrade to a state-of-the-art digital core hosted in the cloud.
A Fast Implementation Handled In-House

Before deciding on how to set up its new system landscape, EAE-Consult carried out a detailed six-month feasibility study to review various options. Because of its experience, relationship, and ongoing success with SAP, SAP S/4HANA® was the obvious choice. The primary question was whether to deploy on premise, with a significant hardware investment, or move to the cloud. EAE-Consult decided on SAP S/4HANA hosted on Microsoft Azure.

The first step was the migration of data from SAP ERP to SAP S/4HANA. The database architecture was completely revised to a columnar storage format, which reduced the number of tables and improved performance. Then, corporate applications, including third-party systems, were moved to the cloud, resized, and installed on the new platform. The SAP GUI interface was replaced with the SAP Fiori® user experience (UX) to provide a uniform and intuitive user interface on any device, including PCs, tablets, and smartphones.

After consulting with management and key users, EAE-Consult migrated only required modules from SAP ERP to SAP S/4HANA in order to streamline and maximize processing. These included financials, materials management, sales and distribution, project management, and controlling.

The entire project was completed in-house – from decision to migration to live launch – in under a year. This included just two weeks to move all systems to the cloud (compared to one to three months, as initially estimated).*

*See the appendix for a complete view of the EAE-Consult system landscape.
Greater Speed, Simplicity, Transparency, and Usability – At a Lower Cost

Since migrating to SAP S/4HANA, EAE-Consult is experiencing improvements in performance, manage-ability, and transparency for processes running on SAP systems, Azure Logic Apps, DirectumRX, and WorkPoint. Now, teams across the enterprise have access to a central source of accurate data as well as faster reporting and analytics – all with a standardized, user-friendly interface on any device. Plus, the cost and effort associated with ERP support and maintenance have been cut significantly.

Finance and controlling teams, in particular, are benefiting from SAP S/4HANA with:

- Central data for accounting and financial management across business areas
- Faster, more-accurate, and more-detailed reporting and analytics – by business area and employee, and company-wide
- Streamlined transactions with creditors and debtors
- Greater transparency into cost and revenue controls
- Tight integration of financials with all other lines of business

Other lines of business are reaping these benefits of SAP S/4HANA as well:

- Optimized procurement, logistics, and inventory and warehouse management
- Automated planning to simplify the management of highly complex projects
- Automatically generated documents such as invoices, making sales and distribution faster, easier, and more organized
- Automated cost and profit monitoring and analysis, including planned versus actual costs, making it possible to respond quickly to market changes with informed decisions
- Detailed time tracking by employee and by project
Ongoing Improvement for EAE-Consult and Its Customers

EAE-Consult currently has 150 users working with its new SAP S/4HANA software, with plans to roll it out to 500 more users in the future. Going forward, it will replicate the project across other group enterprises. SAP S/4HANA provides a solid foundation for future development, including:

- Integration with business intelligence systems to expand and enhance reporting and analytics
- Acceleration of transactional processing
- Development of new program planning and monitoring techniques

But perhaps most important of all, EAE-Consult can make the most of its successful experience converting SAP ERP to SAP S/4HANA in the cloud by offering similar services to its customers. Not only will EAE-Consult's own operations run better, it can also increase revenue for itself and success for the businesses it serves.
SAP S/4HANA Architecture at EAE-Consult

EAE-Consult's SAP S/4HANA environment is hosted in the cloud on Microsoft Azure. Data from SAP ERP was migrated to SAP S/4HANA. Then, corporate applications, including SAP and third-party systems, were moved to the cloud, resized, and installed on the new platform. The SAP GUI interface was replaced with the SAP Fiori UX for a unified user experience.