

Case Study

SAP Academic Competence Center Vienna (ACC Vienna) at Vienna University of Technology

Running SAP® Business Suite powered by SAP HANA® on FUJITSU Integrated System PRIMEFLEX for SAP HANA®



The customer

Vienna University of Technology is Austria's largest research and education institution focused on the natural sciences and engineering. The university works with a range of partners including other universities and research institutions to ensure that it provides the highest standards of teaching and research. Its campus is also home to the SAP Academic Competence Center Vienna (ACC Vienna). As part of its contractual relationship with SAP Österreich GmbH the ACC supports around 160 schools and universities in Austria, helping them to utilize SAP software in their teaching and research programs. The ACC Vienna is the first port of call when any of the connected institutions has a query related to curriculum creation, research and teaching with SAP software.

The challenge

As an institution focused on innovation and research, it is very important for the ACC to be far ahead of the curve when it comes to technology. Increasing demand for the latest SAP technologies and rapidly growing user numbers meant that the ACC needed to update its IT infrastructure to ensure that it could continue to provide a powerful teaching and research platform. Due to the positive experiences it had had when sourcing cutting-edge IT equipment in the past, it chose once again to work with Fujitsu.

The solution

To improve performance levels and provide faster access to stored data, Fujitsu implemented SAP Business Suite using Fujitsu PRIMEFLEX for SAP HANA. The hardware basis for the SAP HANA environment at the ACC comprises one FUJITSU PRIMERGY RX600 server, four PRIMERGY RX300 servers and a FUJITSU ETERNUS DX80 S2 storage system. The solution includes a preinstalled infrastructure, the Fujitsu Deployment Service for SAP HANA and a 36 month Fujitsu SolutionContract for SAP HANA. This enables the ACC Vienna to concentrate completely on its research and teaching, rather than investing its resources into maintaining the hardware.

The customer

Country: Austria
Industry: Scientific research
Founded in: 1999
Employees: 10
Website: <http://institute.tuwien.ac.at/ifm/acc/home/>



The challenge

Adapting and expanding the IT infrastructure to cope with increasing user numbers and the latest SAP technologies (SAP Business Suite powered by SAP HANA). Ensuring both hardware and software are up to the latest technological standards.

The solution

Running SAP Business Suite on Fujitsu Integrated System PRIMEFLEX for SAP HANA to support teaching and research.

The benefit

- Access to a range of SAP systems
- Ability to teach in virtualized environments using the latest technologies
- Concepts, infrastructure, implementation and support from a single source
- Future-proof investment as the infrastructure can be expanded flexibly

Products and services

- FUJITSU Integrated System PRIMEFLEX for SAP HANA®
- 1x FUJITSU Server PRIMERGY RX600, 1TB memory
 - 4x FUJITSU Server PRIMERGY RX300 (2 CPUs, 72 GB memory)
 - 1x FUJITSU Storage ETERNUS DX80 S2 (20 x 300/15k 3.5" SAS disks)
 - Fujitsu SolutionContract PRIMEFLEX for SAP HANA, 9x5 maintenance, 36 months
 - 24x7, 8h recovery time maintenance contract for the other SAP systems

The benefit

PRIMEFLEX for SAP HANA has given the ACC Vienna an easy to maintain, cost-efficient platform that educational institutions across Austria can use to support their research and teaching. As the memory can be expanded flexibly to provide up to a terabyte of storage, the new infrastructure can easily be adapted to meet changing requirements in the future.

The new solution uses a virtual environment to run a number of different SAP systems such as Data Warehouse, Business Intelligence, Business Objects and Solution Manager for educational purposes. Together, Fujitsu and the ACC dealt with all aspects of the project, from designing the concept for the system, configuring the infrastructure and implementing the database solution to maintenance and support.

Conclusion

The implementation of SAP Business Suite on Fujitsu PRIMEFLEX for SAP HANA infrastructure has enabled the university to provide its teaching staff, students and other educational/ training institutions with the latest technology, and it has the option to expand the system at any time to cope with future demands. It can now analyze enormous volumes of data in real time, making it suitable for use in teaching and research scenarios. The solution is also an excellent long term investment as it can be adapted as technologies become more advanced.

"Having SAP Business Suite running on Fujitsu PRIMEFLEX for SAP HANA has given us a solid, reliable foundation that we can use both for professional research and to provide the best possible education to our students. It makes it much easier to explain SAP In-Memory technology to the students and will drive our forward-looking research programs."

Prof. Dr. Alexander Redlein, SAP Academic Competence Center at Vienna University of Technology

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