Factsheet

SAP HANA
flexibility in managing
business intelligence & IP

Enabling positive change

As part of a visionary move to a more collaborative business model, with the drive for Innovation Everywhere as a key priority, Siemens is implementing SAP HANA, the new generation, scalable and cloud-enabled SAP environment. Atos is proud to be acting as design and implementation partner for a project that is helping to improve the future of Siemens.

SAP contains vast amounts of accumulated IP and is used for planning, business intelligence and business-critical systems across the company. Siemens is now rethinking its organizational model to make the entire business more agile, collaborative and focused on innovation.

As the core system of record, SAP is a key factor in this ambitious change programme but classic SAP is not best suited to enabling organizational agility for a variety of reasons.

Transformation for innovation

To deal with these challenges, Siemens is moving a large proportion of its core business systems and processes away from classic SAP and onto HANA, taking advantage of the cost-efficiency, agility and scalability that HANA offers. In addition, Siemens has decided that 50% of all core functionality should eventually be cloud-delivered.

Using HANA Siemens expects to save both time and money. HANA manages business intelligence and planning cycles in perhaps one hour instead of the eight hours that are now normal, enabling more effective use of BI, improving decision-making and helping the business to be more responsive. In addition, HANA reduces costs by cutting out external databases, bringing new levels of scalability to business processes, simplifying business continuity and reducing capital investment.

Trusted partner for your **Digital Journey**

Atos

A model for a new kind of collaborative working between Atos and Siemens ...

Siemens' current SAP environment is designed for peak performance, making it over-sized and costly for day-to-day needs. Yet it still lacks the ability to scale smoothly to cope with peaks in demand. Business intelligence and planning also take too long, preventing the business from responding flexibly to market or technology-driven needs.

Collaborative vision

As long-term IT delivery partner to Siemens, Atos was challenged to deliver a practical solution that matches the ambitious vision of Siemens management, while making change happen to very demanding timescales.

Yet this project has also made it necessary to define a new kind of working relationship, moving away from the reactive, 'customer – supplier' basis of the existing delivery contract and towards a true collaborative partnership.

Atos therefore proposed to define and manage the entire project as an integrated whole, with measurable client outcomes as the goal, rather than IT deliverables. This transforms the cost-efficiency of the project and makes a difficult task practically achievable.

Atos also proposed a new technology architecture, based on Bull and EMC hardware, and implemented the early stages of development, before contract finalization.

This demonstrated confidence in the solution and commitment to the business relationship: it was also essential for ensuring a fast start-up to keep the project on track.

Atos is delighted to have shown how open, creative collaboration can lead to better results and a real unlocking of team-based innovation in key strategic projects. This is surely the model for a new kind of collaborative working between Atos and Siemens, moving forward together.

Delivering the benefits

Managing migration is an extremely sensitive business, especially when handling business-critical, systems and vast amounts of corporate IP. The project is therefore being rolled-out to a carefully defined timetable, with agreement reached for very short periods of outage to enable the change.

Over one petabyte of sensitive data will be transferred; transition and transformation happening simultaneously. It is not possible simply to copy (lift and shift); data, intelligence, systems and software have to be transformed to run efficiently on the new platform. Applications transformation is therefore an integral part of the project, with major changes taking place in the applications field to enable the move to HANA.

When complete, this project will be the largest implementation of SAP HANA in the world and is being carefully watched by other major manufacturers, as well as by the entire Siemens community. The project is an essential enabler of the new Siemens business vision, providing the environment in which the Innovation Everywhere concept can become reality through greater agility, scalability, speed and quality.

Of the 400 SAP system IDs now in use, Atos will migrate around 175 across to the HANA platform by July 2016 – an average of 15 each month – and the project is already growing in scope as regional business units request inclusion of their own System IDs. The activity will support the work of over 100,000 Siemens personnel and will affect every business unit within the Group.

For more information:
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