



Industry

Food

Objective

To provide the company, which is currently undergoing a period of growth and internationalisation, with a new and more efficient ERP and BI platform that complies with new digital transformation channels, offering speed and flexibility without service interruption

Approach

Relying on HPE and its partner Sistemi HS to quickly implement a modern and "always-on" architecture, capable of efficiently supporting SAP HANA with sustainable costs and satisfactory performance

IT Matters

- Creation of a straightforward, scalable and highly reliable system, due to the architecture's redundancy
- The software and firmware are preloaded, preconfigured and updated automatically
- High level of satisfaction among internal users, thanks to enhanced service continuity and smooth operation

Business Matters

- Improved efficiency for the administrative department, with monthly closing processes completed in just 5 days
- 40% time saving in the approval of purchase requests
- System availability without service interruption
- Decentralisation of many BI functions thanks to the solution's enhanced efficiency and usability

Bauli achieves digital transformation with SAP HANA and HPE

The company selects HPE ConvergedSystem for performance, reliability, scalability and continuity.



Bauli replaces its outdated legacy ERP system with a new SAP S/4 HANA environment as part of a real strategic digital transformation process, achieving higher performance and enhanced scalability for growth and business continuity. To implement the new ERP and BI environment, Bauli opted for SAP HANA on HPE ConvergedSystem architecture, also creating a secure disaster recovery system based on HPE 3PAR StoreServ. All of which is guaranteed by the HPE 24x7 Proactive Care service.

Challenge

The digital transformation project

Bauli was established thanks to the skilled craftsmanship of Ruggero Bauli. Due to its expertise, passion for high-quality pastry-making and technological development, the company has successfully established itself over the years as a strong leader in manufacturing festive speciality products and croissants: over a quarter of the entire Christmas and Easter market with peaks of 32% in the pandoro segment and a share of more than 22% of the croissant market.

Bauli's secret to success lies in its ability to combine knowledge of traditional recipes with high technology. Bauli currently offers guaranteed quality with high standards that are unmatched in traditional manufacturing, achieved through the choice of top-quality ingredients, thousands of checks across the production chain, from raw materials throughout the entire manufacturing process.

“The solution put forward by HPE proved superior to the alternatives because the offering was clear and well-defined from the outset. Converged architecture best suited our requirements.”

– Pierangelo Chiappini, CIO for Bauli

In 2016, the Bauli Group decided to embark on a process of digital transformation, as part of a ten-year growth and internationalisation plan, which also provides for the acquisition of new businesses and entry into new markets, including those outside of Italy.

“An important step in this transformation process”, explains Pierangelo Chiappini, Bauli’s CIO, “was replacing the outdated proprietary ERP system (this actually incorporated several different systems), based on a legacy hardware platform. We wanted to switch to SAP HANA architecture and X86 machines to enhance efficiency and scalability, but we also wanted to take advantage of this change to create a highly reliable architecture and update the BI and reporting environment, which had shown numerous weaknesses and was structured for silos, like the majority of the company’s applications”.

In its quest for the perfect hardware solution, Bauli turned to a well-known consultancy firm which selected three different options. One of these options was HPE with its ConvergedSystem, optimised for the SAP HANA environment.

Thanks to its partner Sistemi HS, Bauli contacted the HPE team who invited the company’s IT specialists to the Competence Centre in Cernusco sul Naviglio, where they could experience first-hand the benefits of converged architecture.

At the same time, HPE consultants supported the Bauli management team to ensure that they had a better understanding of the costs and benefits of digital transformation, at a technological and strategical level.

Solution

Dedicated appliances offer greater efficiency and lower costs

“We were immediately convinced by the solution put forward by Sistemi HS and HPE”, recalls Chiappini, “thanks to the exceptional level of clarity and simplicity. The features of the proposal never changed during the analysis of requirements, not to mention the fact that, in comparison with the alternatives, this was the most cost-effective solution”.

As a result, in just three months, SAP HANA was implemented on the optimised HPE ConvergedSystem 500 architecture (certified by SAP itself). This objective was also achieved thanks to the close collaboration between HPE technicians, Sistemi HS experts and Bauli’s IT staff. Specifically, five machines were installed: two for production, two for replication (managed via HPE Serviceguard for HANA) and one for development. The architecture supports both the Business Suite and the SAP data warehouse.

Customer at a glance

Application

HPE ServiceGuard Extension for SAP HANA

Hardware

- HPE ConvergedSystem CS500
- HPE 3PAR StoreServ 8000
- HPE Switch 5900CP

HP services

- HPE Proactive Care 24x7

In terms of storage, the choice involved two 3PAR StoreServ 8200 platforms (one device for each of the two data centres, the second of which is still being implemented). This solution offers excellent scalability, data integrity and high performance at an affordable price.

The high level of reliability, designed and implemented thanks to the hardware and software components, is also guaranteed by the extended five-year warranty and 24x7 Proactive Care on-site support service with response within 4 working hours.

Benefit

Ready for growth and internationalisation

“The first offices to migrate to the new platform were the finance, management, purchasing and administration departments”, explains Chiappini, “this was completely painless, given that the new appliances work so well that we even forget we have them. The next steps will be migrating manufacturing and logistics, to complete the digital transformation process which we made a strategic decision to undertake”.

The business advantages are already evident: monthly closing processes, for which the ERP system was previously not used, due to its slow processing speed, are now completed within five days. Purchase requests are analysed and approved in 40% less time compared to the previous situation, while BI, which used to depend on the central IT office and therefore involved the complexity and laboriousness of a centralised approach, is now entrusted to individual departments and is therefore more straightforward and efficient.

“The success of the project”, says Chiappini, “is also evidenced by the fact that internal users are completely satisfied with the smoothness of operation and the continuity of the new system. This prompted us to implement the new architecture immediately, even in the company’s new subsidiary which we are about to open in India”.

Besides the internationalisation projects, made possible by the new digital infrastructure, the future of IT at Bauli hinges on the creation of a disaster recovery site, scheduled for early 2018.

“At the moment, the high level of reliability is implemented within the same campus through appliance replication and the use of the 3PAR StoreServ storage platform”, concludes Chiappini, “the next step involves developing a second data centre located in a separate building, in a different location to the first”.

Learn more at
hpe.com/justrightit/en



Sign up for updates