



Business Challenge

Speed and efficiency in data gathering are important to facilitate analysis. The large amount of data from UOL Group's business systems needed to be processed and integrated promptly and accurately.

Transformation

UOL Group migrated its core SAP applications to the SAP® HANA® database, and upgraded to the latest IBM® Power Systems™ servers and high-performance IBM Storwize® storage.



Foo Say Twang
Assistant General Manager,
Group IT
UOL Group

Business benefits:

30% increase
in performance drives rapid insight for decision-makers

65% cut
in energy consumption helps the company pursue a greener approach to IT

50% saving
on space helps the company postpone enlargements to its data center

UOL Group

Opens the door to more holistic reporting and higher productivity

UOL Group is one of Singapore's leading developers, with an extensive portfolio of development and investment properties, hotels and service suites. UOL Group, together with its hotel subsidiary Pan Pacific Hotels Group Limited (PPHG), owns two brands – namely Pan Pacific and PARKROYAL. PPHG now owns and/or manages over 30 hotels in Asia, Oceania and North America.

“We felt that IBM offered a combination of reliability, performance and value for money.”

Foo Say Twang

Assistant General Manager, Group IT

UOL Group

Share this



Tackling the changing face of competition

UOL Group is one of Singapore's leading real estate companies, operating many shopping malls, offices and hotels. As part of its operations, UOL Group collates and analyzes data relating to its properties to improve its performance and meet customers' needs.

To facilitate greater efficiency and productivity in data analysis, and as its existing hardware was due for replacement, the company began looking for an updated technology solution.

Harnessing cutting-edge technology

UOL Group manages many operational functions – such as finance, procurement and materials management – using its core [SAP ERP](#) applications.

To accelerate analysis of its SAP data and as the existing hardware was due for replacement, UOL Group decided to migrate its entire SAP ERP landscape to the [SAP HANA](#) database.



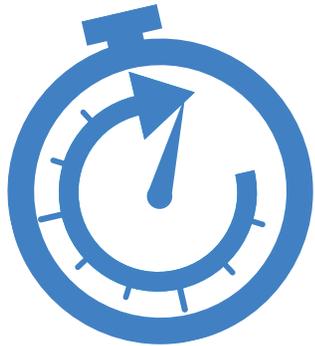
“We believe that running SAP HANA on IBM Power Systems delivers an advantage, as employees receive critical reports faster than before.”

Foo Say Twang

Assistant General Manager, Group IT
UOL Group

To support the SAP HANA database, the company deployed three state-of-the-art [IBM Power System S824L](#) servers, which are virtualized using [IBM PowerVM®](#) and run the [SUSE Linux Enterprise Server for SAP Applications](#) operating system.

Data from both SAP HANA and the SAP ERP solutions is stored on [IBM Storwize V5020](#) devices, and automatically backed up to an [IBM TS5100](#) tape library. The IBM infrastructure includes devices for disaster recovery, and [IBM Systems Lab Services](#) has set up replication of SAP HANA data between the back-up sites.



30% performance increase

Hitachi Consulting Singapore, an IBM Business Partner, supported the hardware procurement, and Tech Data Advanced Solutions, another IBM Business Partner, acted as a distributor. Simplipen, an IBM Business Partner, supported the deployment and acted as a single point of contact in case of questions or problems.

Foo Say Twang, Assistant General Manager, Group IT at UOL Group, explained: "SAP HANA solutions equip our employees across the globe with a reliable platform.



"We felt that IBM offered a combination of reliability, performance and value for money. The IBM team was helpful in addressing our queries and we have built a good relationship with them. We were satisfied with both the solution and implementation services from IBM and its partners."

Paving the way to richer insight

Migrating the entire SAP landscape to SAP HANA deployed on IBM Power® servers resulted in significant database performance improvements for UOL Group.

Benefits in detail

- Accelerated performance by 30%, driving rapid reporting
- 50% less space required in the data center
- 65% cut in energy consumption saved money and helped the company pursue a greener approach to IT

Key components

Applications: SAP® Business Planning and Consolidation powered by SAP HANA®, SAP Business Process Management, SAP Business Warehouse powered by SAP HANA, SAP ERP powered by SAP HANA, SAP Fiori, SAP HANA, SAP Real Estate Management

Software: IBM® PowerVM®, SUSE Linux Enterprise Server for SAP Applications

Hardware: IBM Power® System S824L, IBM Storwize® V5020, IBM TS5100

Services: IBM Systems Lab Services, IBM Business Partner Hitachi Consulting Singapore, IBM Business Partner Tech Data Advanced Solutions, IBM Business Partner Simplipen

“Since moving to SAP HANA and IBM POWER8® servers, reports are running faster than previously, with performance up by 30 percent on average,” said Foo. “As a result, employees are more productive and spend less time waiting for reports.”

The IBM solution is also helping UOL Group pursue a greener approach to IT by reducing its data center power consumption.

Foo said: “Our previous servers used two racks in the data center, whereas our new IBM Power servers take up just one – a 50 percent reduction in our carbon footprint. The space saving gives us extra room to grow without having to expand our data center, avoiding unnecessary capital expense.

“Additionally, consolidating on fewer physical machines has cut our energy consumption by around 65 percent, in accordance with our corporate sustainability objectives.”

In future, UOL Group plans to equip employees with SAP Fiori®, which will enable them to complete operational tasks on their mobile devices – further boosting productivity.



“Hotel managers have a lot of responsibility – such as ensuring high occupancy, planning for major events, and approving purchases,” explained Foo. “All these administrative tasks can leave them shackled to their desks.

“By launching SAP Fiori, we help them complete more tasks on-the-go, so that they can spend more time meeting guests and building relationships, to understand customers’ views and pinpoint areas for improvement.”

Foo concluded: “We believe that running SAP HANA on IBM Power Systems delivers an advantage, as employees receive critical reports faster than before. We look forward to seeing what the future will bring.”

Learn more, connect with IBM   and SAP  



© 2018 IBM Corp. IBM Deutschland GmbH D-71137 Ehningen ibm.com/solutions/sap IBM, the IBM logo, ibm.com, Power, POWER8, PowerVM, PowerSystems, and Storwize are trademarks of International Business Machines Corporation, registered in many jurisdictions worldwide. A current list of other IBM trademarks is available on the Web at “Copyright and trademark information” at <http://www.ibm.com/legal/copytrade.shtml>. Other company, product or service names may be trademarks, or service marks of others. This case study illustrates how one IBM customer uses IBM and/or IBM Business Partner technologies/services. Many factors have contributed to the results and benefits described. IBM does not guarantee comparable results. All information contained herein was provided by the featured customer and/or IBM Business Partner. IBM does not attest to its accuracy. All customer examples cited represent how some customers have used IBM products and the results they may have achieved. Actual environmental costs and performance characteristics will vary depending on individual customer configurations and conditions. This publication is for general guidance only. Photographs may show design models.



© 2018 SAP SE. All rights reserved. SAP, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP BusinessObjects Explorer, StreamWork, SAP HANA, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE in Germany and other countries. These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. This document, or any related presentation, and SAP SE’s or its affiliated companies’ strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice.