IDH
INTEGRATED DIAGNOSTICS HOLDINGS

Integrated Diagnostics Holdings
Supporting smarter strategic decision-making

Eager to expand operations, Integrated Diagnostics Holdings delivers up-to-the-second operational information to the palms of decision-makers with SAP HANA running on ultra-powerful Lenovo servers.

Lenovo™

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Integrated Diagnostics Holdings (IDH) provides more than 1,000 diagnostic services to patients and medical centers, including pathology and molecular diagnostics, genetics testing, and basic radiology. The company operates over 360 labs and branches in Egypt, Jordan and Sudan.

With ambitions to become the diagnostics service provider of choice in the Middle East, IDH set out to gain real-time insight into operations to support strategic decision-making. IDH was confident that the SAP HANA in-memory database platform offered excellent tools to help deliver this insight. Next on the agenda: finding the right hardware to support the new platform.

Mostafa El Hadidy, Regional CIO for IDH, remarks: "With more than 50 million records a year, we needed a high-performance, robust, reliable hardware solution to underpin our SAP HANA environment. Lenovo met all of our requirements and then some!"

Working with a team from Lenovo Professional Services, IDH deployed SAP S/4HANA and SAP Business Warehouse on SAP HANA on Lenovo systems. The company implemented mission-critical Lenovo System x3850 X6 servers to support its SAP HANA environment, featuring Intel® Xeon® E7 processors and half a terabyte of memory. IDH selected SUSE Linux Enterprise Server for SAP Applications as the core operating system.
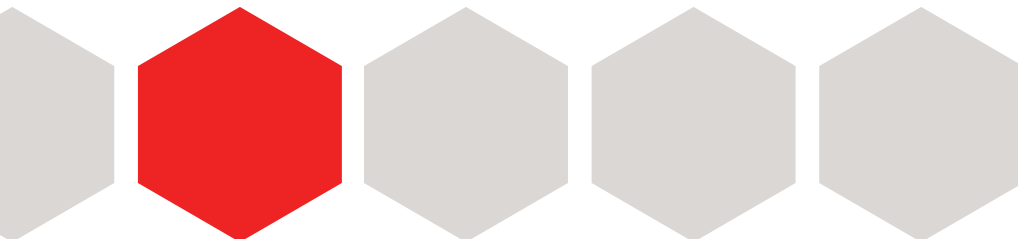
Mohamed Eissa, Data Center Manager at IDH, recalls: "The implementation went without a hitch. We also worked with SAP to migrate our existing SAP applications over to the SAP HANA platform. The migration was super straightforward and took just two months to complete. Having Lenovo as our single point of contact for the complete solution helped us to complete the implementation and migration quickly and without any issues."

Today, IDH runs its core data warehousing and business intelligence applications on SAP HANA on Lenovo systems – dramatically improving performance and reporting capabilities while delivering a secure data center foundation.

Mostafa El Hadidy comments: "Reports that used to take around 4 hours to index now run in less than 10 seconds. With SAP Business Warehouse and SAP S/4HANA powered by SAP HANA in-memory technology running on high-performance Lenovo servers, we can run ad hoc reports on real-time operational data.

"With up-to-the-second insight into operations, management can make data-driven decisions based on the very latest information. For example, based on reports generated using SAP HANA, we are in a much better position to optimize operations, explore new revenue streams and expand into new markets."

Supported by Lenovo System x3850 X6 servers, IDH can be sure that its SAP HANA environment will run reliably no matter what.

"We've been very impressed with the level of performance, availability and stability of the Lenovo systems so far," says Anwar Raafat, Solutions Director at IDH. "And we know we can rely on them to support our critical business intelligence applications."

Anwar Raafat concludes: "We live in the information age, and providing the right information to the right people at the right time is absolutely key to success. With SAP HANA on Lenovo systems, we can provide decision-makers with the real-time insight they need to make the best business decisions."

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– Mostafa El Hadidy, CIO, Integrated Diagnostics Holdings

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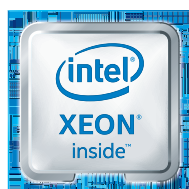
Solution components

Hardware

Lenovo System x3850 X6 with Intel® Xeon® E7 processor family

Software
SAP Business Warehouse
SAP HANA
SAP S/4HANA
SUSE Linux Enterprise Server for SAP Applications

Services
Lenovo Professional Services for SAP HANA

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Aiming to become the go-to diagnostics service provider in the Middle East, IDH wanted to improve its reporting capabilities to support strategic decision-making. With SAP HANA running on Lenovo servers, equipped with Intel® Xeon® E7 processors, IDH can run reports that used to take 4 hours in less than 10 seconds – ensuring decision-makers have the latest information at their fingertips.