



ANSTEEL

Forging greater efficiency and productivity.

Metals manufacturer Ansteel boosted the performance of its critical business applications by migrating its SAP application landscape to high-performance Lenovo servers.

Lenovo[™]





Angang Steel Co., Ltd., known as Ansteel, is one of the largest steel producers in China. It manufactures hot and cold rolled sheets, galvanized steel sheets, color coating plates, silicon steel, wire rods and seamless steel pipes. Headquartered in Anshan, Liaoning Province, Ansteel employs more than 37,000 people.

From cars, planes and ships to bridges and railways to domestic appliances, Ansteel's products are used across a wide range of industries. With steel such an essential commodity, the company ships its products to over 60 countries worldwide.

To keep operations ticking over, Ansteel relies on its SAP business applications running smoothly. So when users reported that key systems, including SAP ERP and SAP Business Warehouse (BW), were running slowly – so slowly that users often could not even log on during peak hours – the company knew something had to be done to boost performance.

Ansteel invited several SAP-certified hardware vendors to perform an analysis of the underlying infrastructure. The consensus was that the existing servers could no longer adequately support the SAP environment, because it had grown so much in recent years.

After evaluating its options, Ansteel decided to migrate its SAP applications to Lenovo servers. The company chose to partner with Lenovo because the proposed solution out-performed competitors on its technical benchmarks. What's more, Lenovo offered the most comprehensive migration services and had the most experience, which gave Ansteel great confidence in the team's ability to migrate the SAP applications with as little disruption to the business as possible.

The company worked with a team from Lenovo Professional Services to implement a new foundation for its mission-critical SAP environment, built on 16 Lenovo System x3850 X6 servers, featuring Intel® Xeon® E7 processors, and two all-flash Storwize SAN systems connected with Lenovo B6505 and B300 FC SAN switches. The Lenovo Professional Services team worked hard to optimize the SAP system architecture to ensure high availability, reliability and performance.

Since migrating its SAP environment to the Lenovo infrastructure, Ansteel benefits from seven to eight times faster application performance than before - enabling users to access systems and run reports much more rapidly and easily.

For example, Ansteel can now complete internal order settlements in just 40 minutes, which is much faster than was previously possible. The SAP applications all run seamlessly, and users never have any trouble running the reports they need. This means that they can get on with their jobs more efficiently and work more productively, with all the information they need to make decisions at their fingertips.



The reliability and scalability offered by the Lenovo servers ensure that Ansteel can support effective operations now and in the future.

Ansteel is highly satisfied with what the Lenovo Professional Services team has achieved. In addition to migrating its SAP applications to powerful new servers, they also completed all the relevant software upgrades and optimizations to ensure the best possible performance for the company's most critical business systems. Ansteel is already in talks with Lenovo about two further projects to improve its IT landscape.

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Solution components

Hardware

Lenovo System x3850 X6 with
Intel® Xeon® E7 processor
family
Lenovo RackSwitch G8264
Lenovo B650 FC SAN Switch
Lenovo B300 FC SAN Switch
Storwize V7000F
Storwize V5030F

Software

SAP Business Warehouse
SAP Enhanced Production
Planning
SAP ERP Central Component
SAP Exchange Infrastructure
SUSE Linux Enterprise Server for
SAP Applications

Services

Lenovo Professional Services



The reliability and scalability offered by the Lenovo servers ensure that Ansteel can support effective operations now and in the future.

By migrating its SAP application landscape from aging hardware to powerful Lenovo servers featuring Intel® Xeon® E7 processors, Ansteel significantly improved performance and accelerated reporting – giving users quick, easy access to the information they need to get on with their jobs and keep operations running smoothly.



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