

MCC CISDI Engineering Co., Ltd. Enhances Management Systems in China

Capgemini deploys Oracle Business Intelligence ERP software at leading Chinese industrial engineering firm

The Situation

CISDI Engineering Co., Ltd. is a large, state-owned engineering company and subsidiary of China Metallurgical Group Corporation (MCC). In targeting business development and growth, CISDI understood that it was necessary to build an effective management model for greater consistency, standardization and control of its business. To achieve this, it needed to introduce a set of unified business processes to increase efficiency and create one enterprise-wide management platform. And it needed an experienced system integrator with in-depth knowledge of the manufacturing industry.

The Solution

Capgemini designed, built and implemented a comprehensive Enterprise Resource Planning (ERP) management system to address the company's needs. The solution was

built on Oracle Business Intelligence (BI) software. Project scope included implementation of the ERP system in the three corporations of CISDI headquarters, Industrial Furnace Company and Shanghai Company. Capgemini's solution was tailored to cope with the management of project costs, plans and quality, documents and design, procurement, inventories, finance, marketing, and human resources (HR).

The Result

Through close cooperation between the CISDI and Capgemini teams, the project achieved the following objectives:

“All procedures can be handled through only one step, and that provides a one-stop solution for various affairs including ticket-booking before business travel, travel reimbursement and so on, and greatly reduces wasted effort to bring out higher efficiency and convenience.”

Li Zhiyou, Director of Technical Support Department, CISDI



People matter, results count.

- produced a practical, sustainable enterprise BI development blueprint
- built a unified BI platform to enable the company's employees to analyze accurate, up-to-date information and make informed business decisions
- enabled extensive insight, and supported multi-level, in-depth analysis for departments to complete their goals in line with the company's overarching objectives
- provided intelligent analysis based on Earned Value Analysis (EVA) to minimize project risks.

How CISDI and Capgemini Worked Together

Capgemini's team of consultants worked closely with CISDI's professionals throughout the project, and a joint team was set up for the entire project lifecycle. The core team of Capgemini consultants consisted of a project manager, finance experts and a software developer. All demonstrated excellent subject knowledge and a strong team spirit. Close cooperation between both companies played a vital role in the project's success, and the collaborative approach guaranteed that the system was ready before the deadline.

Capgemini provided a range of BI services during the engagement, including:

- blueprint planning
- indicator combing and needs analysis
- conceptual model design
- extract, transform and load (ETL) physical and logic model design
- ETL workflow design
- topic model design and front-end dashboard design
- security and permission design.

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About Capgemini and the Collaborative Business Experience™

Capgemini, one of the world's foremost providers of consulting, technology and outsourcing services, enables its clients to transform and perform through technologies. Capgemini provides its clients with insights and capabilities that boost their freedom to achieve superior results through a unique way of working, the Collaborative Business Experience™. The Group relies on its global delivery model called

Rightshore®, which aims to get the right balance of the best talent from multiple locations, working as one team to create and deliver the optimum solution for clients. Present in 40 countries, Capgemini reported 2010 global revenues of EUR 8.7 billion and employs around 110,000 people worldwide.

More information is available at www.capgemini.com

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In collaboration with



CISDI Engineering Co., Ltd. is a large state-owned technology-intensive engineering company and subsidiary owned by China Metallurgical Group Corporation (MCC). The company specializes in the metallurgical industry, and provides services focusing on process, mechanical, electrical, automation and instrument and system integration. The history of the company dates back to 1951

when the technical design department of Anshan Iron and Steel was founded. In 1958 it moved to Chongqing where it was set up as Chongqing Ferrous Metallurgy Design Institute, and was then renamed Chongqing Iron and Steel Design Institute in 1978. Later, in 1998, its name was changed to Chongqing Iron and Steel Design & Research Institute, and finally to CISDI in 2003.

For more information, please visit: <http://www.cisdi.com.cn>