

NATURAL RESOURCES *CENTER OF EXCELLENCE*



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The natural resources industry has seen a marked increase in demand and commodity prices over the past three years due to the high growth of markets in China, India and South America. This growth has spawned a change in operational focus so that companies are keen to invest in the kinds of systems that optimize production capabilities while lowering IT costs. In order to be competitive, companies in the natural resources industry have to be smarter about managing the information they have. IT companies must offer innovative and agile solutions for extracting full value from the data at hand.

For more than six years, CSC has delivered solutions for the natural resources industry. Many of these solutions are related to large-scale business applications (e.g. SAP) that support specific mining issues, as well as niche solutions applicable only to mining.

The mission of the Natural Resources Center of Excellence (NRCoE) is to use CSC's pre-eminent position as a supplier of IT solutions to this industry to highlight and develop innovative solutions for real mining issues. By bringing the knowledge of CSC, its alliance partners, vendors and academia together, the Center aims to develop and deliver solutions that liberate the value of information generated by mining and petroleum processes. The Center fosters innovation by generating new ideas and examining other industries to adapt existing ideas to the natural resources industry.

CSC's Centers of Excellence help clients explore state-of-the-art solutions with minimum up-front investment, leveraging CSC's top talent to maximize innovation and results. Each Center has a designated facility and staff who demonstrate and deliver solutions and evaluate products, methodologies and concepts.

CAPABILITIES

The NRCoE works with CSC's Mining and Petroleum Consulting practice, Global Transformation Solutions and Global Infrastructure Services divisions to bring world-class service to employees and clients. The Center has access to 30 experts specializing in the following areas:

- Mine IT Planning
- End-to-end plan and execute, drill hole to ship hold
- Logistics (e.g., blending, stockpile control, dispatch)
- Asset/Mobile Equipment Tracking
- Technical Data Management
- Remote Communications
- Information Management

BENEFITS

The NRCoE provides clients, alliance partners and employees with a dynamic opportunity to tackle challenges facing the natural resources sector today by:

- Applying lessons learned from the best in industry to real issues affecting the natural resources sector
- Collaborating with industry and participating in natural resource forums such as the Cooperative Research Center for Mining (CRCMining) in Australia
- Developing innovative solutions to industry problems through contextual thought leadership
- Producing industry-specific solutions relevant to unique requirements
- Providing a forum for sharing the best and brightest ideas in the industry
- Offering invitations to participate and co-invest in pilots and prototypes