

Mindteck helped a leading oilfield services provider in developing a Card Management System application using Microsoft .Net 3.5 Framework.

The Client

Our client is a leading oilfield services provider. Through research and engineering facilities, the client is working to develop products, services and solutions that optimize customer performance in a safe and environmentally sound manner.

Challenges

Our client was using Smart Cards as a method of authentication in order to access any network resource. The existing Card Management System (CMS) was written in multiple languages like VB, C/C++, Java etc and hence was difficult to maintain. Microsoft .Net support for the Smart Card application development became available, hence the client wanted to rewrite the application in .Net.

Mindteck Solution

Mindteck was involved in maintenance and enhancement of the existing application in Java and participated in the initial analysis exercise to develop a roadmap for implementation. The application was developed with additional multiple card support and self service functionalities for password reset. The development was a complete offshore effort with a member of the client team spending 3 months with the offshore team during initial stages. To avoid business disruptions Mindteck extended parallel run and gradual phasing out of users from the existing system. Net framework 3.5 with SQL Server 2005 was used as development platform. Mindteck had also created a proof of concept to demonstrate a few functionalities of the application.

Client Benefits

The clients were able to assess the technical feasibility through a pilot implementation provided by Mindteck. Also Mindteck provided a gradual phasing out of users from the existing system to avoid any business disruptions.