

Selected Case Studies



Client	Phillips Petroleum, Bartlesville, OK
Project	Design and development of simulator for drilling multilateral oil wells
Business Challenge	Convert research work from R&D to a business solution that can be deployed in the field. Ability to provide Field engineers with the innovations done at Research department.
Our Solution	<p>Understand various algorithms through a set of research papers published by R&D</p> <p>Translate the research work into software requirements</p> <p>Design a client-server architecture using Object Oriented principles</p> <p>Develop application software incorporating the research work which can be deployed company-wide for field engineers</p>
Technology used	<p>Windows 2000</p> <p>Visual C++</p> <p>Quinn-Curtis Graphics toolkit</p>
Value Delivered	<p>Easy to use application for solving complex mathematical equations</p> <p>Converted R&D work to valuable business tools</p>
Relevance to Phillips Petroleum	<p>Interface with diverse set of users – research and field engineers</p> <p>Deploy research work in the field and convert them to business applications</p> <p>Strong OOAD techniques to maintain application software</p>