

## Diversity And Comprehension Key In Computer-Based Training

Providing comprehensive training to a diverse and worldwide workforce is one of the biggest challenges facing training managers in today's oil and gas industry.

The days when a company could gather its employees together for extended training are dwindling fast, and the loss of practical experience as valued employees reach retirement age is a growing concern.

Technomedia International Inc. solves these problems by moving corporate training into the 21st century. TechnoMedia creates computer-based training (CBT) courses designed to enhance and expand any company's educational resources. CBT provides quality training in a timely and cost-effective manner. TechnoMedia's unique IP deployment strategy allows a multinational company to distribute learning material to its global workforce by updating a single server; this strategy ensures content is kept current and consistent throughout the organisation.

TechnoMedia's expert team of in-house petroleum engineers, technical writers, graphic artists and computer programmers work together to design and build CBT modules that will cover any petroleum industry subject from pipe handling to reservoir appraisal techniques. These multimedia learning tools employ 3D graphics, animations, digital video, photographs, narration and text to create a media-rich learning environment that is both effective and engaging.

A state-of-the-art user interface permits students to quickly access relevant information and engage in interactive quizzes and exercises, such as building a submersible pump or controlling a kick. The interface also

incorporates multiple language options and a fully searchable glossary of oil field terms developed with PETEX (University of Texas' Petroleum Extension service).

TechnoMedia's custom development services produce CBT modules for petroleum industry employees at every level of experience and expertise. A specialised CBT might target drilling technicians, operations personnel, lift supervisors or crane operators. General programs benefit a variety of personnel from entry-level graduates to technicians in the field and administration staff. The training material has even been used by mid-career managers who are either new to E&P or new to a specific segment of E&P.

TechnoMedia has recently completed its 10th year of operation and owns an extensive library of CBT courses. This library comprises nearly 75 hours of training and covers a number of subjects in the upstream petroleum industry, with new modules constantly being added. Industry leaders, such as PETEX, Schlumberger, Texas A&M and Transocean SedcoForex, have provided core technical content. Courses are available by internet and CD-ROM to reach even the most remote workstations, and are available for license from TMI's alliance partner, NExT.

TechnoMedia has created customised training modules for a number of clients including Schlumberger, NExT, Chevron and Shell. Because TechnoMedia is 100% focused on the E&P sector, courses can be developed quickly and media assets, such as 3D animations, do not have to be created from scratch. TechnoMedia courses assure quality and consistency in corporate training within a cost-effective framework.