



simulation
software limited



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Part of the Hydraulic Analysis Group

Leaders in
Dynamic Simulation

Simulation Software Limited is a dedicated part of the Hydraulic Analysis Group that supplies high performance pipeline simulators and associated pipeline management applications based on principles developed and tested over several decades.

Our company is predominantly an engineering company dedicated to improving the design and operation of pipelines using substantial industry experience and a very strong software programming capability. We don't just deliver high quality software; we fully understand our client's plant and pipeline fluid behaviour. We employ technical specialists and industry specialists with a wealth of background experience in designing, running, installing and developing advanced pipeline oriented software applications.

At the core of all our solutions is the pipeline fluid simulator that takes full advantage of today's computing power and software programming techniques. It is based upon principles that have been developed, tested and verified within the Hydraulic Analysis Group during a rigorous research and development program. The result is an innovative, fast and reliable product that can simulate complex pipeline operations in a straight-forward and easy to understand manner.

The simulator has a very impressive capability. It can be used for detailed steady state and transient studies on oils, petrochemicals, water and gases. As a PC based design and planning tool, it is ideal for studying the complexities of pipeline fluid reaction and surge effects. It forms the basis of highly realistic SCADA training simulators and can optimise the complete operational performance of a pipeline considering any cost and time constraints. When linked to pipeline measurements, the simulator supports forecasting routines and real-time pipeline management applications that can provide commercial benefit many times greater than the cost invested within the installation.

After point-of-sale we continue to support all our software installations with our engineering specialists to ensure that you maximise your investment with a 100% confidence and we are unaware of any other company that can provide this degree of service.

For further information telephone +44 (0) 113 281 9038

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