

Advanced on-line simulation solution for pipeline operations

pipeline manager[®]

for liquid pipelines

PipelineManager[®] provides a variety of powerful simulation-based applications that give operators and engineers the extra tools needed to change a common pipeline operation into a more efficient, cost-effective and safe operation.

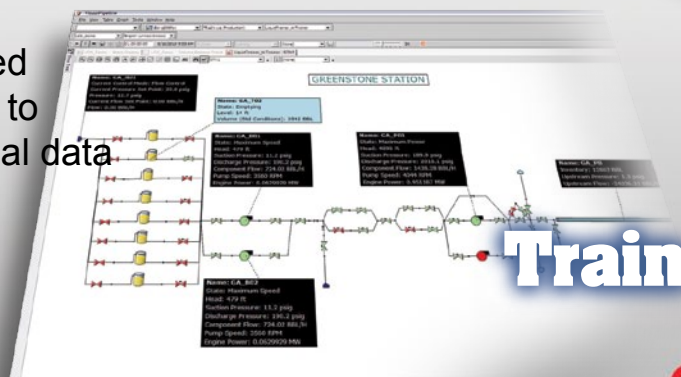
Accurate: Get the true picture of your operation, in real-time. Track batches and scrapers with full detail. Detect leaks fast and accurately during any operating condition. Train your operators in a realistic environment.

Flexible: Add new pipelines and devices as your network expands, add new modules to gain new functionality.

Complete: Detailed models for pipe, block valve, check valve, supply, delivery, regulator valve, heater, cooler, pump, tank, drivers, PID controls, and many more...

Powerful: The graphical user interface VisualPipeline[®] allows you to analyze data any way you want with profiles, trends, tables, network views, specialized batch tracking and leak detection screens, reports and much more.

Open: Use web-based PipelineDashboard[™] to access key operational data anywhere, anytime.

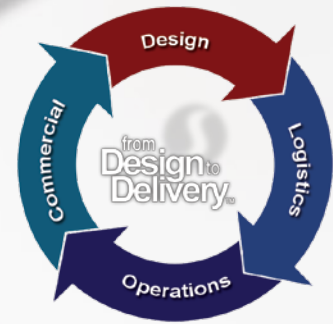


from
**Design to
Delivery**[™]

energy solutions[®]

pipeline manager[®]

for liquid pipelines



Uses

- Accurate pipeline state estimation
- Leak detection and Location
- Statistical leak detection
- Slack flow modeling
- Batch and composition Tracking
- Batch interface Profiling
- Instrument Drift Analysis
- Scraper tracking
- Playback past events
- Operator Training with fully detailed stations, devices, control logic and sequences.



Benefits

- Increase throughput and revenue through improvements in operational efficiency
- Proactively meet and exceed environmental health and safety regulations
- Increase visibility and usability of operational data throughout the entire enterprise
- Integration with other Energy Solutions tools like PipelineStudio[®] and PipelineScheduler[®]

About Energy Solutions International

Energy Solutions International is the leading global supplier of pipeline management software. The company's broad range of products drives excellence in operational efficiency, transaction management, throughput management, logistics and pipeline safety. Founded in 1976, Energy Solutions serves more than 500 clients in 70 countries through its offices in the United States, United Kingdom, Dubai, India, China, Singapore and Canada. Energy Solutions is committed to providing integrated solutions to address the unique challenges of our industry.



energy solutions[®]

www.energy-solutions.com
info@energy-solutions.com