

## OIL & GAS ENHANCEMENTS GRAPHIC INFORMATION SYSTEMS (GIS)

ArcGIS and other GIS tools are widely used in the industry for pipeline layout. Flownex<sup>®</sup> supports importing GIS formats allowing users to efficiently simulate, design and optimize pipelines.

Flownex<sup>®</sup>'s suite of engineering tools, solution speed and accuracy combined with **automatic importing of GIS data** will vastly improve the engineering time required to set up oil & gas pipelines.

Flownex<sup>®</sup> pipelines are not limited to any specific type of fluid - oils, gases, fuels, two-phase & non-newtonian - can be modelled.

### KEY FEATURES

#### COORDINATE SYSTEM PRESERVATION

GIS importing reduces the time it takes to set up and define pipeline systems and to allow users to quickly associate Flownex<sup>®</sup> simulations with map data.

When drawing and moving pipelines on an existing network, pipeline lengths will be automatically determined.

**System maps are auto-generated**, and by preserving the coordinate system users can easily edit and define pipelines.

Specification of location of components using **GPS latitude and longitude coordinates** - this helps with feasibility and scoping studies.

The enhancement will nullify the time required to set up engineering simulations, giving users more time to focus on the network itself and the engineering analysis.

