Abstract

Integration of CAD and GIS Data in the Pipeline Industry
Track: Pipeline Transmission
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By abstracting the geometric features from CAD and GIS data sources into a common database definition and forming the data relationships there, a common work process can be defined for collecting, manipulating, and reporting pipeline data using a variety of CAD/GIS platforms. This provides for platform-independent applications and portable design databases for pipelines. It is also much easier to interface with the pipeline industry standard databases, PODS, and ISAT.

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