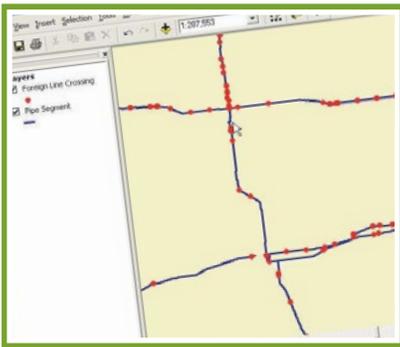




# SpatialSynchronizer

## SpatialSynchronizer Syncs Information Stored in PODS with Your GIS



SpatialSynchronizer easily integrates PODS with Esri ArcSDE to illustrate changes in real-time. It uses the concept of dynamic segmentation to automatically place graphics at the correct geographic location based on stationing or chainage.

By spatially enabling a conventional relational PODS database with ArcSDE, a point and linear event in PODS (i.e. Pipe Segments, Valves, MAOP, etc.) becomes an ArcSDE Feature Class. As a Feature Class, PODS features can be easily viewed graphically in ArcGIS Desktop or ArcGIS Server web applications. However, it is key that the graphics stay synchronized with the features. SpatialSynchronizer provides an instant synchronization between a change to the feature and the graphic display, ensuring accuracy.

Additionally, SpatialSynchronizer provides derived layers in ArcSDE, which allows an ArcSDE feature class that contains data from multiple PODS linear feature classes to be visually displayed. It provides the ability to integrate multiple linear feature classes into a single table and be updated on the fly as data is changed.

## Key Benefits

- Easily integrate PODS with Esri ArcSDE to show changes in real-time.
- Utilizes dynamic segmentation to automatically place graphics at the correct geographic latitude/longitude location based on stationing or chainage.
- Allows for a real-time graphical view of your PODS data and eliminates the problem of keeping Esri ArcSDE graphics synchronized with PODS Events.
- Provides the ability to create and maintain derived layers.
- Allows you to choose whether or not to automatically regenerate features for large tables; this in turn minimizes any performance issues due to the number of records that must be processed.

## Key Features

- Updates Esri ArcSDE graphic locations as data changes occur.
- Automatically refreshes graphics without user interaction.
- Creates and maintains derived layers in Esri ArcSDE to integrate multiple linear feature classes into a single table.

## Technical Specifications

- Windows Server 2003 or 2008
- Esri ArcSDE
- Oracle or SQL Server
- Connection to PODS
- Microsoft .NET Framework

## About New Century Software

Since 1994, New Century Software has delivered pipeline integrity management software and services to energy transportation companies. With an ideal blend of innovative software solutions and extensive pipeline expertise, New Century Software is uniquely qualified to serve the oil and gas industry. Our flexible solutions empower your organization to manage pipeline integrity data and navigate regulatory compliance ensuring safety and reliability.



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## Product Preview



SpatialSynchronizer allows the user creating features within the PODS Feature class while ArcSDE graphics are updated as pipeline data changes occur