

maintains precise laser pulse aim at the pipeline to ensure accurate information capture. The optical pointing system provides greater than 98 percent pipeline centerline leak survey coverage.

To determine emission levels and accurately identify leak locations, ITT personnel collect and process gas emission and geopositioning data. Geospatial mission planning, data analy-

sis, and customer reporting is completed using ESRI ArcGIS software. The user can visualize, manipulate, and fuse this data with aerial imagery to enhance analysis and generate comprehensive reports. GPS-encoded video data of the route is processed to create an animated map, depicting characteristics of pipeline features along the flight path.

The geospatial enterprise database with

ArcSDE and Microsoft SQL Server creates a fully automated, queryable environment and supports efficient processing of thousands of pipeline miles each month.

For additional information about ITT's ANGEL Service, e-mail angel@itt.com or visit www.ssd.itt.com/angel.



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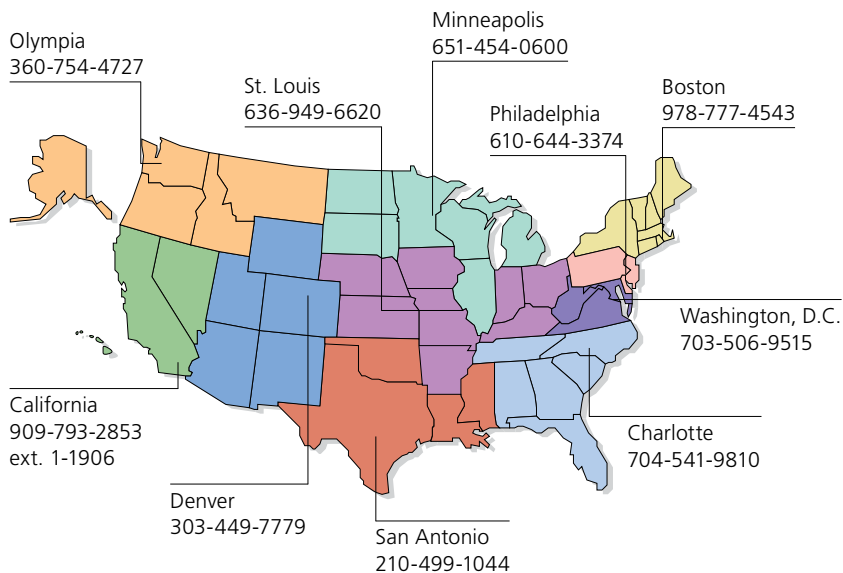
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