

Intrepid® Class Location & Services

ENHANCE PIPELINE SAFETY WITH COMPREHENSIVE COMPLIANCE TOOLS AND SERVICES BUILT AROUND FEDERAL REGULATIONS

REGULATORY COMPLIANCE

INTEGRITY MANAGEMENT

OPERATIONAL SUPPORT

Natural gas pipeline operators can quickly determine population densities along a pipeline and ensure the data is accurate.

Novara GeoSolutions (Novara) provides services as well as software solutions for the calculation, analysis and management of Class Locations in accordance with U.S. CFR Title 49, Part 192, Subpart A, Section §192.5 Class Locations. Our tools and services include pipeline centerline routing and attribute analysis; structure, building and well-defined area identification; continuous sliding mile analysis; 4-story building prevalence, clustering adjustment; reporting; and management of “legacy to current” class location change.

Novara offers a variety of options to consider when it comes to calculating class locations along natural gas pipelines. Users may opt to implement the Intrepid® Class Location Calculator module or a stand-alone Esri based class calculation tool, or alternatively, clients may choose to outsource their class location calculation, structure validation and review to Novara’s team of compliance experts.

Our Class Location calculation analysis uses a one-mile sliding window and the data stored in the pipeline database. It also has the ability to run a standard mile calculation or clustering calculation, utilizing attributes of structures to drive each analysis. As results are generated, users can view them as a graphic on a map and/or as tabular data. These competitive tools and services are based off the pipeline Class Locations (49 CFR 192.5) rulings. Each analysis uses data through Esri ArcGIS, using points and polygon feature classes either individually or both at the same time. The results are comprehensive, and the client has a variety of options for reporting formats.

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Save valuable time

If there are no changes throughout the year then you don't need to run an analysis. However, if there are changes, keeping track of them throughout the year can be cumbersome and tedious. Novara's Class Location tool alleviates this challenge with its built-in Smart Route Selection. This feature has the intelligence to know which routes and lines need the analysis and which ones don't and this saves you valuable time.

Account for the unknown

The Class Location calculation tool allows users to quickly run preliminary calculations that can be used for capital planning. Within each tool the approval process is simple. Data is placed into a holding sandbox, and users can evaluate grid differences and compare results from past years. Where change is noted from one year's analysis to another's, users have the ability to drill down, review the analysis and supporting data, explore any discrepancies, and develop an understanding as to why they occur.

One source of truth

Run a needed analysis against the enterprise database eliminates the need to maintain several databases. This lowers the level of effort required and reduces the amount of time it typically takes to run these calculations. This seamless integration allows you to modify and approve data in one central area, which increases operational efficiency.

Run multiple calculations at once

The Intrepid® Class Location Calculator incorporates federal and state requirements and interfaces directly with PODS. It can be run line by line or system-wide in a batch mode. Users can view all input criteria and the results of each phase of the calculation to ensure accuracy. The results will highlight any areas where change occurs.

Compliance services available

Let Novara's team of compliance experts run the calculations and analysis for you! Our team can help with your regulatory compliance audits, integrity management support, geospatial services, staff augmentation, and technology solutions.

ADVANTAGES

- > Compatible with PODS data model
- > Export to Excel or a PDF map
- > Export a 'snapshot' to a geodatabase so you are prepared for an audit
- > This tool is user-friendly and training is minimal
- > Data is usable and easily accessed within the GIS
- > Conveniently run individual or batch modes for multiple routes at the same time

CALL US TO LEARN HOW YOU CAN DETERMINE CLASS LOCATIONS QUICKLY, EASILY AND EFFICIENTLY!