NOVARA
GeoSolutions
A CHA Company

Intrepid®

Accurate and accessible information drives profitable pipeline operations

EASY, FLEXIBLE DEPLOYMENT

SCALABLE

REFINE & IMPROVE PROCESSES

ELIMINATE DATA REDUNDANCIES

Using the Intrepid® platform, we connect users with the data, analytic tools, and corporate knowledge they need to make the critical decisions that shape the company.

Intrepid® is an enterprise geospatial platform that is tailored to oil and natural gas pipeline industries– at upstream, midstream and downstream. It incorporates a wide range of extensions, such as: solutions to perform HCA; Class; MAOP calculations; ILI data management; and tools that allow alignment of ILI or direct assessment data to existing centerlines.

Users easily enhance their understanding of pipeline assets and leverage more data by connecting to various datasets through one centralized interface. Intrepid® opens up sharing and accessing information in a way that complies with government regulations and keeps your data current and compliant. Importantly, Intrepid® offers user-friendly workflows that allow staff to quickly learn the applications and maintain data without a technical GIS background. And more, users reduce the risk associated with owning and operating a pipeline company by automating maintenance activity schedules and by using integrated information to proactively identify high risk areas. Use Intrepid® for data management, editing, querying, documentation of workflows, data governance rules, database structure and changes, reporting and more.

Intrepid®

Conducting business is easier and more efficient

Supervisors and technicians find Intrepid® easy to use and easy to manage as the workflows are configured to meet their needs. There are defined workflows with tasks and preconfigured automation which streamlines the workflows. Field users are given direct access to critical asset information so they can be more efficient in the field. Data collection is entered only once and is always available and maps are easily accessible.

As an example, customized workflows can be built for Planning, Engineering and construction support, Operations, compliance and integrity management, reporting, maps and drawings.

Use your technology of choice

Intrepid® integrates PODS and IPDM (Intrepid® Pipeline Data Model). The integration with PODS allows for the management of both spatial data and PODS attribute tables from a single, seamless software environment that can be deployed across multiple platforms and in a virtualized server network (on the desktop and in the field). It also supports clients on oracle and sequel platforms, which ultimately gives each client the ability to use their technology of choice.

Seamlessly integrate with Esri technology

Intrepid® aligns the pipeline operator's needs and the Esri technology to provide a powerful geospatial solution. As an Esri Gold Partner, Novara supports all users and acts as a single point of contact for both Esri and Novara technology.

Designed to be used throughout the organization

There are two levels to choose from, Intrepid® Standard and Advanced, depending on what functionality you require. Intrepid® Standard consists of non-spatial editing, navigation, analysis and reporting. Intrepid® Advanced includes centerline and feature editing capabilities, alignment sheet generation, Class & HCA calculators and more.

Intrepid® simplifies IT complexity by helping your IT team accelerate the deployment of applications. Because of its open platform it provides a path to integrate both legacy and cutting edge systems.

ADVANTAGES

- Centralize data
- Allows multiple enterprise systems to be integrated with a common interface
- Unlimited user profile options
- Bulk import/export options
- Real-time PODS/SDE "Sync"
- Supports Esri ArcGIS versions 9.3 through 10.3
- Complete route management capabilities
- Calculates measures on the fly while also supporting traditional Engineering Stationing references
- Maintains domain tables
- Robust compliance reporting capabilities
- Supports tying of records and other electronic source data to pipeline events

Contact us today to see how Intrepid® can lower costs and increase productivity!

NOVARA
GeoSolutions
A CHA Company

Intrepid® Work In Progress Extension

Increase your data confidence and know your data is traceable, verifiable and complete

The Intrepid® Work In Progress (WIP) extension adds an extra layer of comprehensive review while editing pipeline data.

Allowing data to be reviewed before it is released to production as the 'official data for the system of record' for a company is a big deal. Parallel test/development databases can be maintained for this purpose, however, they can easily get out of synch and take an enormous amount of time to maintain. The Intrepid® WIP extension allows simultaneous transactions to streamline tasks plus, keeps a complete history log for data retrieval. Users will perform both long transactions (takes an extended time to complete before committing to production) and short transactions (committed to production immediately) within a sandbox for editing and verifying data. Most importantly, users can perform the edit sessions in the context of a job or work order which shortens the learning curve and simplifies steps. Transactions can include centerline edits, and maintenance activities like reroutes and replacements. In a few easy steps, users can edit, manage, review, approve, map and create audit logs for each transaction.

EASY TO USE

COMPLETE AUDIT TRAIL

STREAMLINES QA/QC

METRICS DRIVEN

Intrepid® Work In Progress Extension

Built to fit your needs

Edit sessions follow your job or work order process. During edit sessions, users have the ability to lock routes during major centerline edits so that active changes aren't accidently overwritten. Plus, at any time during an edit session, users have the ability to rollback edits which ensures database integrity.

Use your corporate data standards

During the approval process, a data validation engine processes data edits and ensures the edits meet corporate data standards. These customizable data validation rules ensure the data is consistent, functional and help to avoid errors.

Fully manage your team and your data

Intrepid® WIP's easy to use Job Management Console keeps users task-oriented. Through the job management console users can create, edit, track and report on jobs. Intrepid® WIP allows User Groups to be defined and feature based permissions can be assigned to each User Group, which extends security within the PODS data model.

Track, trace and defend your data at all levels

A complete audit history is accessible. This gives users improved data insight and risk management, increasing security of data, and fulfilling record-keeping requirements for compliance purposes. All edit sessions are linked back to their originating work orders and the complete life cycle of each job is tracked with status, time stamps and user credentials. Important information such as who made the change, who authorized it, exactly what changes were made, etc. are all trackable.

ADVANTAGES

- Point-in-time comparisons can be quickly generated
- Roll back centerline geometry to specific points in time
- View the data spatially
- Easily assign other users or supervisors for certain tasks
- Integrates with PODS data model
- Support for long and short transactions

Contact us today for a personalized demo of this powerful tool!

NOVARA
GeoSolutions
A CHA Company

Intrepid® PODS DataLoader

Quickly and easily import pipeline data and centerlines into PODS

INCREASED EFFICIENCY

RELIABLE DATA

STREAMLINE WORKFLOWS

SAVES TIME

The Intrepid® PODS DataLoader provides users with an easy to use interface to quickly import pipeline centerlines and pipeline data sets into an existing PODS environment.

This extension saves time by allowing users to configure and save import settings to use on future data loads. It also includes detailed import logs that provide critical information about each data import session so users can track and preserve the data for backup. This flexible environment allows a variety of file types to be used and enables the user to easily map source data fields to PODS destination fields in a couple of quick clicks.

Designed for ease of use, the Intrepid® PODS DataLoader contains an automatic data validation pre-process that ensures all data is validated, list values are checked, and geographic information is defined before the import into PODS begins. This extension is accessed from the workflow manager in the Intrepid® Asset Management System so there is one centralized screen to work from.

info@novarageo.com
www.NovaraGeo.com

Intrepid® PODS DataLoader

Correct, consistent and useful data

Guarantee that your data is accurate and consistent before it is put into your PODS database by performing a simple data validation pre-process check. This comprehensive process will validate all required fields, check code list values, validate station information, and check to see if the geographic information is within a defined tolerance of the destination route.

Effectively and dynamically manage data

Line-Route management is stress-free with the Intrepid® PODS DataLoader. Users have the ability to dynamically generate and maintain PODS line hierarchy and route associations based on source data. Users can also quickly create centerlines from Series and Station, and Absolute Stations (measures) and/or coordinate data (lat/long or projected).

Streamline data loading tasks

This flexible tool allows users to import multiple PODS feature types at once and import data sets on to multiple destination routes at once which saves you time. It also streamlines the data loading tasks by allowing users to import data by station series, absolute station or geographic location.

Know your data inside and out

It is critical to know where your data came from and the metadata associated with it. With the Intrepid® PODS DataLoader users can easily create and manage log files. The detailed import logs record user, date and time of imports. The logs include import settings, source data connection, and destination data connection information. They also include import data set statistics, record counts and validation results so that the user know everything about the data.

ADVANTAGES

- PODS 4.02 or higher compliant data model
- Oracle and SQL Server compliant
- Batch updates all required geographic feature data sets
- Batch imports data from text files, Excel files, Access or other ODBC compliant data connections
- Provides option to easily update code lists during import for users with proper security credentials
- To be use with Intrepid® Asset Management System

Call us today for a live demo of this robust tool!