

RAISING YOUR
RETURN ON
INTEGRITY >>



www.newcenturysoftware.com

Offshore Solutions

New Century Software helps offshore pipeline operators make better asset and integrity management decisions. Through the application of innovative GIS solutions, our team of professionals can bring disparate information together to help you clearly understand your pipeline assets. Our onshore transmission and gathering pipeline experience is being applied towards offshore GIS solutions encompassing data loading, data maintenance, data integrity analysis, alignment sheet generation, and reporting services.

Applications

Deep Sea Viewer links the video captured by ROV surveys with events in a pipeline database for internet viewing by offshore operators

iAlign assigns station values to offshore inspection events before being loaded into the pipeline database

RouteLoad Express conveniently migrates legacy data in an offshore pipeline database

GPS DataLoader assigns stations and loads GPS data from ROV surveys into an offshore pipeline database

Facility Manager maintains pipeline and centerline data in a GIS

SheetCutter easily generates complex offshore alignment sheets and area maps

TemplateDesigner allows users to design customized alignment sheet templates in a powerful and intuitive interface

Spatial Risk Analyst performs model-independent offshore pipeline risk analysis

Services

Data Model Consulting to select a data model such as PODS or APDM that matches an organization's GIS strategy

Enterprise GIS Implementation to gather the organizational requirements and develop the architecture for an optimal GIS

Data Loading from a variety of sources including Remotely Operated Vehicle (ROV) video survey and inspection data, Physical Inspection (PI) data, and pipe tally information

Linear Referencing Calculations to create slack chain station values from the X, Y, and Z coordinates, enabling operators to create four dimensional pipelines in the offshore pipeline database

Alignment Sheet Generation to map the physical inspection and ILI data, with alignment sheets accessible to users through Deep Sea Viewer

Custom Application Development to meet the demands of unique challenges facing your organization



2627 Redwing Road, Suite 100
Fort Collins, CO 80526

For information on our software and services, contact us at
970.267.2000 or info@newcenturysoftware.com

www.newcenturysoftware.com