



PIMS Modules

Construction Management

Activity Monitoring
Daily Progress Report
Real Time PipeBook
Crossings & Stations
Exception / QA Reporting
Compliance Reports

GIS & Route Management

Corridor Manager
GIS Mapping
GPS Route Linking
Land Record Master
Alignment Sheet Generator

Electronic Documentation

Document Tracking
Approval Status
Document Indexing
Scanning & Archiving
Search With Meta Data

Line and Station Maintenance

Integrity Management
Station Operation
Line Maintenance
Disaster Manager
Analysis & Graphs

Material Management

Order Planning
Order Tracking
Material Receipt
Material Issued
Material Reconciliation
Vendor Management

Pipeline Information Management Solution™

Unistals Pipeline Laying Management System is a web based solution, designed to monitor the construction progress on a real time basis. Data that is entered on daily basis is indexed using complex algorithms that leave no scope for discrepancies. Reports are generated in a telescopic format that helps to browse from the route map to details of each pipe laid. The solution is designed to provide real time information about pipeline laying progress during following three stages, Project Planning, Project Execution/ Construction, Operation & Maintenance.

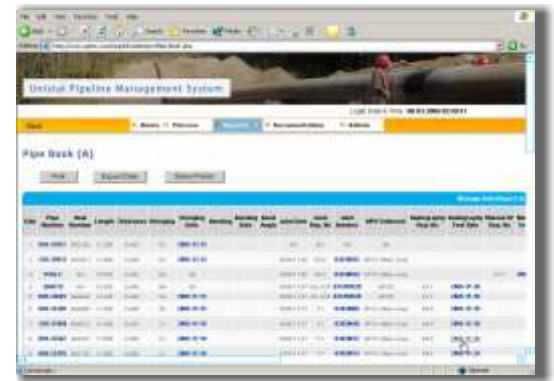
Reports Generated:

- Real Time Pipe Book
- Daily Progress Report
- Activity Monitoring Report
- Joint History Report
- Exception Reports
- QA and Validation Reports
- Lowering Compliance Report
- Pre-Hydrotest Compliance Report
- Weld/ Coating Repair Report
- Welder Performance Report
- Pipe Reconciliation Report
- Velocity Sheet
- S-Curve Generation
- Corridor Schematic with Activity Progress
- Corridor Schematic with GIS
- Corridor Schematic with Photographs
- Corridor Schematic with Video
- Route Map with GIS referencing
- Cadastral / land record master
- Alignment Sheet Generation
- Order Planning, Tracking
- Activity Progress of Station Works
- Document tracking with meta data search

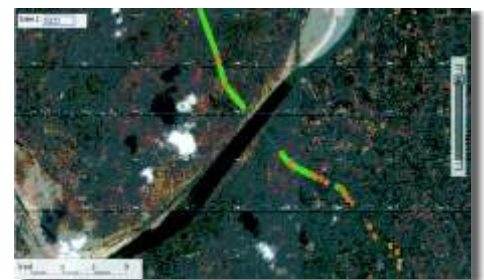
Features:

- Web based access
- Data up-dation on a daily basis
- Option to modify /edit alignment sheet
- Project information using dynamic setup
- Extensive decision making reports
- Printing and export of reports, pipe book etc
- Hyperlinked scanned Inspection report with each entry
- Geo referencing of land data along the pipe line route
- Cross linking of surrounding landmarks with co-ordinates
- Three tier security (access rights, encryption, login checks)

Pipe Book

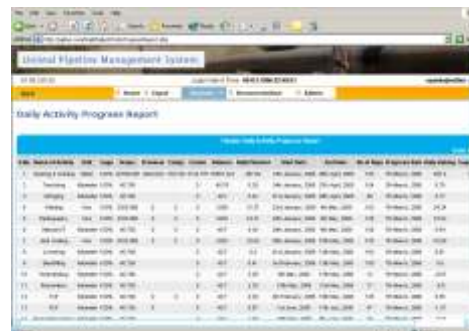


GIS Based Route Mapping



Unistal is in the field of software development since 1994. Having pioneered in field of data recovery and data care software and projects. Unistal has capabilities in developing systems software, application software and web applications. Core competency in programming languages like, C, VC++, Java, PHP, ASP.NET, VB, VB.NET, ORACLE, GeoSpatial Technologies is carried efficiently by experienced and qualified programmers. Unistal has already done software projects for 'Feasibility study of city gas distribution network, web based pipeline management software, ERP-office automation, Web based CRM/ sales force automation.

Daily Progress Report



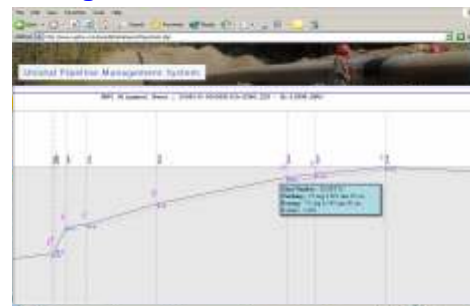
Services Offered:

- Digitization of Field Inspection Reports
- Digitization of Survey Data
- Document Archival and Scanning
- Geographical Information System
- Report Generation during Construction

Benefits:

- Uniformity of documentation & reports for all spreads
- Real-time automatic generation of Pipe Book, weld book.
- Saves time and manpower costs.
- Centralized Database
- Immediate access to reports anytime, anywhere.
- Monitor online, quality control records of progress.
- Accurate validated data inputs, accurate time schedule.
- Simultaneous monitoring from different locations, by contractor, consultant, client.
- Data like, TCP, Cadastral, Pipe Number location, Golden joint, Station inventory are useful in Operation and Maintenance.

Alignment Sheet Generation



Esteemed Customers

Oil & Gas Companies

Petronas Carigali
 British Petroleum
 Indian Oil Corporation Ltd.
 GAIL India Limited
 Gujarat State Petronet Ltd.
 Bharat Petroleum Corp. Ltd.
 Hindustan Petroleum Corp. Ltd.

Project Consultants

Veco Canada Ltd.
 Engineers India Ltd.
 Tractebel Engg Const. India
 Dorsche Consult India Pvt. Ltd.
 Valdel Engineers Ltd.

Projects Executed

Project	Client	Contractor	Work	Length	Duration	Status	Remarks
MMBPL	BPCL	Kalpataru	PIMS	280 Km	12 Months	Completed	Submitted
KMPL	GSPL	HCC	PIMS	54 Km	8 Months	Completed	Submitted
VKPL	GAIL	Kalpataru	PIMS	110 Km	11 Months	Completed	Submitted
KHPL	GSPL	Jay Somnath	Digitization	60 Km	4 Months	Completed	Submitted
MVPL	GSPL	L&T	Digitization	128 Km	4 Months	Completed	Submitted
DUPL Sp1	GAIL	Punj Lloyd	PIMS	133 Km	12 Months	Completed	Submitted
DUPL Sp2	GAIL	DOE Essar	PIMS	148 Km	12 Months	Completed	Submitted
DUPL Sp3	GAIL	STG Gammon	PIMS	192 Km	12 Months	In Process	Being Submitted
DPPL Sp1	GAIL	Punj Lloyd	PIMS	113.9 Km	10 Months	Completed	Submitted
DPPL Sp2	GAIL	Kalpataru	PIMS	74 Km	10 Months	Completed	Submitted
DPPL-2 Sp1	GAIL	JaiHind	PIMS	82.84 Km	10 Months	Completed	Being Submitted
DPPL-2 Sp2	GAIL	Punj Lloyd	PIMS	57 Km	10 Months	Completed	Being Submitted
BJPL	GSPL	Essar	PIMS + GIS	108 Km	12 Months	In Process	Completed
PGPL	GSPL	Corrtech	PIMS	39 Km	7 Months	In Process	Completed
Suzlon	GSPL	JSPL Infra	PIMS	25 Km	4 Months	Completed	Being Submitted
DBPL	GAIL	Corrtech	PIMS + GIS	56 Km	6 Months	In Process	
GHPL	GSPL	STG-Essar	PIMS + GIS	89 Km	10 Months	In Process	
SSGP	Petronas	Punj Lloyd	PIMS + GIS	512 Km	30 Months	In Process	
VDPL-A	GAIL	STG-Essar	PIMS + GIS	169.5 Km	12 Months	In Process	
VDPL-B	GAIL	Kalpataru	PIMS + GIS	165.5 Km	12 Months	In Process	
VDPL-C	GAIL	STG -Essar	PIMS + GIS	163 Km	12 Months	In Process	
CJPL	GAIL	Corrtech	PIMS + GIS	85.82 Km	8 Months	In Process	
DJPL	GSPL	Punj Lloyd	PIMS + GIS	103 Km	10 Months	In Process	
CBPL	IOCL	KazStroy	PIMS + GIS	290 Km	12 Months	In Process	
KMPL	BP	Galfar	PIMS	111Km	12 Months	In Process	
25 Projects				3349 Km	262 Months		

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Member
 Pipelines Open Data Standard

