CONSISTENT FIELD DATA COLLECTION DURING PIPELINE INTEGRITY INSPECTIONS

CLOUD BASED INSPECTION MANAGEMENT SUPPORTING PIPELINE IDENTIFICATION & INSPECTION

Integrate the required field data collected during a pipeline integrity inspection
Enable remote off-line data collection and automatic synchronization
Standardize SQL database (PODS compliant) and integrate with GIS
Provide cloud based project management supporting identification
Quick analytics with a consolidated field database
Assign and notify in field inspection tasks remotely
Expedite inspection documentation report forms

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Facilitates consistent field data collection during inspections
- Designed to be deployed on any iOS device
- Remote off-line data collection and automatic synchronization once on-line connectivity is established

- Configured to capture key data
- Logically & intuitively designed
- Customized Database
- Automatic synchronization
- Supporting field files (photos, GPS data, etc.)
- Project Setup/Configuration
- Field Crew Assignment
- Task Tracking/Notification
- Procedure forms
- Direct import/export from database
- Data acquisition tool to assist in collection of field data and reporting (iPad)
- Automate bell-hole reporting
- Integrated with Field Database and PM Tools

Field Data Collection
- Built-in Logic
- Helps ensure correct process followed through program design

Additional Potential Applications
- New Construction (as-builts, GIS mapping, weld inspection)
- HCA Surveys
- Corrosion Control
- CP Readings (SI database or CPDM)
- IC Monitoring Checks
- Lab/Failure Analysis Data Collection

**RIPTIDE PM Configuration Tool**
Used to create, modify, delete entries at the PM site to assign tasks to field personnel