SAIT ™ - CPDM

The application named – "SAIT™- CPDM" is GEI enabled CP infrastructure life cycle monitoring. Database application software is developed with Java Virtual machine, Data Server and Application server. The primary aspect of this software is to collect, store, safeguard the cathodic protection data and its asset details and provide custom made reports to evaluate the protection of various assets. The software provides unique facility to customize and store the entire cathodic protection components and structures. The software is compatible with all Windows platform. The Software is available as 'Single User', 'Server Based' and 'Web Based' - which makes 'SAIT-CPDM' the most flexible CP Data management software catering the needs of various industries from an individual user to multiple users in big operating industry. The key feature of this software is the GIS Viewer, which allows the user to view the respective locations of all their installation and CP Components.

GIS facilitate application in:

- Monitoring assets conditions to assist in infrastructure life cycle planning and replacement.
- Field crews can capture inspection information and quickly update centrally stored as-built in data.
- Engineers can monitor cathodic protection systems to view information in relation to the distribution system, diagnose problems, and ensure corrosion protection.

System Overview:

- The system involves developing a "WEB Desktop GIS*" based system by incorporating geographical database with real pipeline data consisting of rail/road/foreign pipeline crossings, CP locations, valve locations, etc. with facility of user-friendly retrieval of information.

Key functionality allows the user to:

- 100% Compatible with any structure or Installations.
- 100% Customizable to any kind of CP Systems
- Historic data collection & analysis ; GIS Compatibility
- Map showing actual location of all structures and CP Components
- Back up & Restore feature; Expandable to any number of fields
- High Security

WEB Desktop GIS - A web desktop or webtop is a desktop environment embedded in a web browser or similar client application. A webtop integrates web applications, web services, and applications on the local client into a desktop environment using the desktop metaphor.

Features & Benefits

Features	Benefits
Flexible data entry and adhoc reporting	Search, sort, and analyze data quickly
Year-to-year comparisons of various CP segments	Easy visualization of problem areas with graphical reports
Manage large quantities of data on asset types and other related maintenance information	See problem areas for test stations, rectifiers, galvanic anodes, foreign bonds, isolated services, tank performance, and hundreds of pipeline assets
User-configured hierarchical tree for organization and editing	Advanced organization and efficient editing for workflow
Multi-user design for replication and synchronization	Share critical data throughout an organization
Comparative line graphs, individual test point, rectifier and bond graphs, and continuous strip charts	Analyze distribution and transmission lines
Backup databas	Restore database

SAIT™ - CPDM
Software for Asset Integrity Techniques
- CP DATA MANAGER
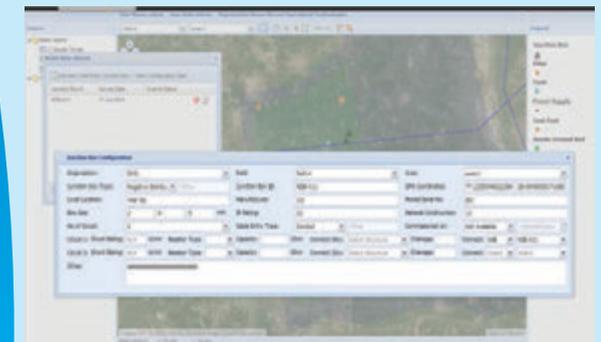
An indispensable tool for Cathodic Protection professionals

- Manages multiple facility types and surveys
- Schedules routine field data collection
- Judges system effectiveness
- Pinpoints problems
- Prepares operators for regulatory audits

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