The Cathodic Protection Data Manager (CPDM) is the industry standard for managing cathodic protection data. CPDM is the flagship module within American Innovations’ (formerly Bass-Trigon) powerful Pipeline Compliance System (PCS), an integrated application for managing and analyzing maintenance, compliance and operational data for natural gas, hazardous liquids and other regulated pipeline systems. PCS is used to plan work activities, ensure regulatory compliance, and as a method for integrating and correlating data to improve resource allocation and risk reduction decisions.

CPDM combines the cathodic protection method of corrosion control with scalable database management to deliver, order, and control the huge quantities of data produced in cathodic protection systems. At the same time, CPDM lowers the clerical and administrative overhead of operating a CP system, freeing professional staff for engineering functions and data interpretation. Whether scheduling routine field data collection, judging system effectiveness, pinpointing problems, prioritizing ground bed construction, or preparing for a regulatory audit, CPDM is an indispensable tool for cathodic protection professionals. CPDM is the product of a team of experienced cathodic protection engineers and computer professionals, and has been thoroughly tested on both small and large CP systems. In continuous development since 1985, CPDM is the industry leader in cathodic protection data management.
Manage Large Data Quantities Easily
- Manages test station, rectifier, galvanic anode, foreign bond, isolated services and tank CP performance, compliance, and repair data as well as hundreds of other related data fields across the pipeline.

Flexible Data Entry
- Users select which fields will be included in the grid from available field names
- User determines appearance of data tables
- Data entered manually or downloaded from dataloggers.

Flexible Open Hierarchy File System
- User configured hierarchical tree organizes pipeline system and provides editing capabilities to reconfigure system for adding and deleting segments or facilities.

Flexible Ad-Hoc Reporting
- Provides unlimited capability for sorting, filtering, and analyzing data.

Multi-User Design
- Provides replication/synchronization method to share data throughout the organization.

Survey Scheduling
- Features user-definable scheduling “rules”
- Build custom surveying routes for efficient data collection for all types of facilities

Graphing
- Easy visualization of problem areas over time.
- Graphics package is designed specifically for fast generation of complete line graphs or individual test point, rectifier and bond graphs.
- Continuous strip chart type of graph for analysing long transmission lines.

OTHER TECHNICAL HIGHLIGHTS
- Extensive compliance reporting
- Automates complete process of CP data collection, analysis, and compliance
- Compatible with AI’s Allegro CE Field Computer & Pro 4000, Sincorder, CMT PCS-L dataloggers
- Pipeline segmenting hierarchy, reference system, and data structures allow CPDM to be integrated with GIS and other enterprise data mgmt. systems
- User may select from multiple reference systems, i.e. engineering stations, milepost, labels, etc.
- Target dates ensure workload distribution remains the same year after year
- Maintenance records may be created and saved when problems are found
- Utilities are provided for error tracking and database repair
- Multiple levels of security are provided to limit accessibility to program functionality and/or data